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Deliverable 4.3: Pol.is output: Rated statements on alternative community-led just sustainability transition policies

DUST: Work Package 4, Task 4.5

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Table of contents

Document information 2
Revision history 3
Table of contents 4
List of figures 5
List of tables 6
Abbreviation list 7
Executive summary 8
1. Introduction 9
1.1. Presented data 10
2. Pol.is: From input to output 12
2.1. Pol.is in Norrbotten 12
2.1.1. Input WS3: Exemplary draft seed statements 12
2.1.2. Pol.is information campaign 20
2.1.3. Pol.is use 22
2.1.4. Pol.is output 22
2.2. Pol.is in Katowice 37
2.2.1. Pol.is input 37
2.2.2. Pol.is information campaign 41
2.2.3. Pol.is use 54
2.2.4. Pol.is output 55
2.3. Pol.is in Lusatia 65
2.3.1. Pol.is output 65
2.4. Pol.is in Stara Zagora 73
2.4.1. Pol.is input 73
2.4.2. Pol.is information campaign 78
2.4.3. Pol.is use 80
2.4.4. Pol.is output 81
Annex 1 Moderation tables 92

List of figures

Figure 1 Norrbotten / Examples promotional material used 20
Figure 2 Katowice / Examples promotional material used 53
Figure 3 Stara Zagora / Examples promotional material used 78

List of tables

Table 1 Timeline of Pol.is applications in case study regions 9
Table 2 Summary of Pol.is use in case study regions 10
Table 3 Norrbotten / Input WS3: Exemplary draft seed statements..... 12
Table 4 Norrbotten / Seed statements as an output of WS3..... 13
Table 5 Norrbotten / Final Pol.is input 17
Table 6 Norrbotten / Used communication channels 20
Table 7 Norrbotten / Used promotional visual materials 20
Table 8 Norrbotten / Pol.is use 22
Table 9 Table Norrbotten/ Pol.is output 23
Table 10 Katowice / Input WS3: Exemplary draft seed statements 37
Table 11 Katowice / Output WS3 Seed statements 39
Table 12 Katowice/ Final Pol.is input 40
Table 13 Katowice / Used communication channels..... 42
Table 14 Katowice / Used promotional visual materials 52
Table 15 Katowice / Pol.is use 54
Table 16 Table Katowice/ Pol.is output 55
Table 17 Stara Zagora / Input WS3: Exemplary draft seed statements 73
Table 18 Stara Zagora / Output WS3 Seed statements 75
Table 19 Stara Zagora / Final Pol.is input 76
Table 20 Stara Zagora / Used communication channels..... 78
Table 21 Stara Zagora / Used promotional visual materials 78
Table 22 Stara Zagora / Pol.is use 80
Table 23 Table Stara Zagora/ Pol.is output 82
Table 24 Norrbotten/ Pol.is Moderation 92
Table 25 Katowice/ Pol.is Moderation..... 99
Table 26 Stara Zagora/ Pol.is Moderation..... 111

Abbreviation list

Term	Description
CS	Consensus statement
D	Deliverable
DPP	Digital participatory platforms
EU	European Union
LEC	Least-engaged Communities
G	Groundedness / importance for communities
M	Mirrored statement
MO	Moderated out
N	New statement
NGO	Non-Governmental Organisations
PF	Preferred future
PS	Polarising statement
PR	Policy relevance
RFFL	Regional Futures Literacy Lab
T	Task
TC	Territorial capital
TCC	Territorial capital catalogue
WP	Work package
WS3	Workshop 3
WS2	Workshop 2

Executive summary

This deliverable presents the data that was produced during experimental use of the e-democracy tool Pol.is in four Regional Futures Literacy Labs (RFLLs) across Europe. Pol.is supports large-scale deliberation and consent-building by clustering public opinion around policy statements. Between January and May 2025, DUST partners in Norrbotten, Katowice, Lusatia, and Stara Zagora used Pol.is in hybrid participatory processes, combining digital and analogue tools. The aim was to explore how these tools complement each other in enhancing community input into multi-level policymaking. The process unfolded in three phases: preparation (including training, content development, and technical setup), implementation (digital deliberation based on seed statements), and assessment (quantitative analysis of results feeding into co-creation workshops). Each case study included a targeted media campaign to engage participants and stimulate public deliberation. The results will support a comparative evaluation of Pol.is within the broader RFLL framework.

1. Introduction

E-democracy refers to the use of electronic communication technologies, such as the internet and social media, to facilitate democratic processes and engagement. Participatory digital tools can in this context support decisions by mediating large scale collaboration among various stakeholders, through the exchange of data, endorsement, and opinion. The **e-democracy tool Pol.is** is an open-source consensus-oriented deliberative decision-making software for addressing controversial issues within potentially large groups of social media users. The tool is designed to address diverse types of publics and is oriented at second-order decisions on the exchange and synthesis of opinion. The tool enables consent formation at scale in situations where there is a low level of trust in pre-existing social networks. Pol.is enables low-cost participation in such a context via a series of embedded strategies and rules that reduce participants' burden of decision and counteract flaming (provocative responses to posts). The tool is designed to inform agenda-setting by promoting organisation. It uses predefined 'seed statements' (SS) as input for the identification of clusters of consent (and dis-consent) around these policy statements. It allows people to first add nuanced comments on these prompts. Conversation then proceeds with ordering added comments around algorithmically structured themes which are then used to build a matrix that organizes comments around themes quantitatively.

The DUST experiments, which were run under the header Regional Futures Literacy Labs (RFLLs), tested the e-democracy tool Pol.is as part of **a hybrid format combining digital and analogous design-led territorial participation instruments**. The aim of testing was to increase our understanding of the complementarities between digital and analogue forms of participation, and of how these complementarities can be enhanced to increase the strategic positioning of communities' interests in multi-level policymaking and democratic life at scale.

Between January and May 2025, DUST partners in the four RFLL case studies of Norrbotten (Sweden), Katowice (Poland), Lusatia (Germany), and Stara Zagora (Bulgaria) engaged with the Pol.is application during three stages. During the first **preparation phase**, the TUD Pol.is team educated RFLL case study partners on the use of the software, supported them in the preparation of input – the SSs, as well as opening statements and pages - for the application, and guided them in the preparation and first steps of a case-study-region-wide campaign to attract Pol.is users. In addition, the TUD Pol.is team prepared the application for use in technical terms (the application was hosted at TU Delft for data privacy and security reasons). During the second **implementation phase**, the collaboratively prepared seed statements (output of the third RFLL workshop) were set out in case study regions for digital deliberation. Case study partners monitored reactions to these statements, moderated deliberations if necessary, and further implemented the Pol.is information campaign. During the final **assessment phase**, the case study partners carried out a first quantitative assessment of Pol.is results in each case study region. Results of this assessment fed into a policy co-creation process in the RFLL WS 4. The data collection, which is presented in this deliverable, will finally feed into a comparative assessment of results per case study region, and an evaluation of Pol.is on its complementarity with other participatory RFLL tools and activities. Table 1 shows a more detailed timeline of activities in the RFLL cases per these phases.

Table 1 Timeline of Pol.is applications in case study regions

Actions	RFLL Norrbotten	RFLL Katowice	RFLL Stara Zagora	RFLL Lusatia
Preparation phase				
Pol.is education and training	27-1-2025	27-1-2025	27-1-2025	27-1-2025

Developing draft policy seed statements	One week before WS3	One week before WS3	One week before WS3	One week before WS3
Preparing the Pol.is information campaign	1-2 weeks before WS3	1-2 weeks before WS3	1-2 weeks before WS3	1-2 weeks before WS3
Meeting / contact to finalize seed statements for WS3	Shortly before WS3	Shortly before WS3	Shortly before WS3	Shortly before WS3
WS3	**18-2-2025**	**28-3-2025**	**18-3-2025**	**9-5-2025**
Implementation phase				
Walk-in session to address troubleshooting	24-2-2025	31-3-2025	24-3-2025	Week of 12-5-2025
Pol.is application	Launch: 24-2-2025 Intermediate report for WS4: 25-3-2025 Last day: 22-4-2025 **Total days before WS4: ca. 30** Total days: 58	Launch: 23-4-2025 Last day: 30-5-2025 **Total days: 38**	Launch: 3-4-2025 Last day: 13-5-2025 **Total days: 41**	Launch: 16-5-2025 Last day: 14-7-2025 **Total days: 60**
Implementing the Pol.is campaign	During application	During application	During application	During application
Monitoring and moderating Pol.is use	During application	During application	During application	During application
Assessment phase				
Analysing Pol.is results on draft policy recommendations (input WS4)	After last day of Pol.is application and before WS4	After last day of Pol.is application and before WS4	After last day of Pol.is application and before WS4	After last day of Pol.is application and before WS4
WS4	**3-4-2025**	**13-6-2025**	**13-5-2025**	**6-6-2025**
Preparing final policy recommendations / citizen position papers	M29 - 30	M29 – 30	M29 - 30	M29 - 30
Assessing Pol.is applications comparatively	M29 - 30	M29 – 30	M29 - 30	M29 - 30

Table 2 Summary of Pol.is use in case study regions

Pol.is use				
	RFLL Norrbotten	**RFLL Katowice**	**RFLL Stara Zagora**	**RFLL Lusatia**
People voted	55	502	108	97
Votes casted	3667	16567	2520	3058
Votes per voter on average	66	33	23	31
Statements submitted	124	168	73	43
Statements per author on average	7	5	7	3

1.1. Presented data

This deliverable D4.3 'Pol.is output' is a data deliverable. The presentation of data is structured by case study region and follows the aforementioned stages of the Task 4.5 E-democracy (Pol.is). Each case-specific sub-chapter of Chapter 2 includes these data items:

- There are three tables listing SSs. The first table, titled **'Input WS3: Exemplary draft seed statements'**, lists the draft seed statements (SS) that were used as input for the RFLL workshop 3; the second table, titled **'Seed statements as an output of WS3'**, presents the modified SS, which resulted from the discussions in WS3; and the third table, titled **'Pol.is output'**, shows the final list of SS after running the pol.is application. In conjunction these tables document the course of analogous and digital deliberation. A set of additional information in each of the tables supports this purpose. Next to the

column of the seed statement there are columns listing (i) which territorial capital aspect(s) (TC aspect) are related to the seed statement, (ii) whether at least one of the TC aspects is mentioned in LECs' preferred futures (PF); (iii) whether at least one of the TC aspects is mentioned in the analysed policies (PR) from D4.2, and (iv) whether the SS is a mirror statement, meaning the opposite to an original statement. The output seed statements at the end of the pol.is campaign are presented in a qualified way, highlighting the new SS (N) added in Pol.is, and showing over which SS there is consensus among groups (either agreement or disagreement), which SS are polarising, and which SS have widespread agreement.

- Under the header **'Moderation of Pol.is use'**, each case-specific sub-chapter of Chapter 2 also includes a brief description of the moderation strategy that partners in the case study region applied.
- In addition, there is a documentation of the Pol.is information campaign. Specifically, information in the tables titled **'Used communication channels'** will be of importance when profiling the parts of the general population in case study regions that were reached by this campaign and therefore have likely used the Pol.is application. The table titled '**Used promotional visual materials'** lists the kind of items that case study partners used in their campaign. The figure titled **'Examples promotional material used'** shows one or several of these items.
- Finally, and most importantly, the sub-chapters include the final Pol.is report that was generated by the Pol.is software on the last day of the application, under the header **'Pol.is report'.** This report presents the following results (next to the use results presented in table 2): (1) the refined statements; (2) opinion groups showing patterns of agreement and disagreement around these refined statements; and (3) so-called 'areas of uncertainty', which indicate opinions which are not yet formed and can be influenced.

As is shown in Table 1, not all RFLL activities happened at the same time. The RFLL in Norrbotten happened earlier than other labs. Led by Work packages (WP) 5 lead partner NR, the RFLL functioned as a pilot case study in the wider DUST experiment. This is reflected in some deviation of this case's data, which will be explained as part of the final assessment of the Pol.is experiment. The RFLL in Lusatia happened later than other labs due to a change of a case study partner (see also DUST amendment 1). Also, this condition is reflected in the presented data: e.g. data from the Lusatian case could not yet be collected in this deliverable but will at a later stage of the project be presented as an annex to the DUST D4.4 'Evaluation and handbook of Regional Futures Literacy Labs (RFLLs): Design-led territorial and digital instruments for citizen participation in just sustainability transitions'. This deliverable will also present the final conclusions from the Pol.is experiment.

2. Pol.is: From input to output

2.1. Pol.is in Norrbotten

2.1.1. Input WS3: Exemplary draft seed statements

Table 2 presents the SS introduced in workshop 3 (WS3). The list of SS and additional information describes the nature of the statement to later interpret Pol.is results across regions. Additional information about the SS concerns:

- **Original statements** are highlighted in **bold.** Is the statement an original SS or a nuanced version?
- **Related TC aspects:** SSs are composed of relations between TC aspects — this column lists the key TC aspects addressed in the statement.
- **Preferred future (PF)**: Is at least one of the TC aspects mentioned in LECs' preferred futures?
- **Policy relevance (PR):** Is at least one of the TC aspects mentioned in policies?
- **Groundedness** / importance for communities **(G)**: At least one of the TC aspects has a high degree of groundedness in community futures (based on WS2 analyses).
- **Mirror statement (M)**: Is the statement a 'mirror' of an original SS? This as opposed to an original SS.

Table 3 Norrbotten / Input WS3: Exemplary draft seed statements

#	Seed statement Input WS3	Related TC aspects	PF	PR	G	M
	Case study region: Norrbotten					
1	**Public transport should be expanded to better connect rural areas in Norrbotten.**	Public transport	x	x	x	
2	Housing policy should encourage the development of single-family houses and villas in rural areas throughout Norrbotten.	Housing	x		x	
3	**Housing policy should promote large-scale housing projects in Norrbotten's urban areas/capital cities and towns.**	Housing				x
4	**Infrastructure and policies should support and improve access to private vehicles for residents of Norrbotten.**	Road infrastructure Regional governance				x
5	**The municipalities in Norrbotten should co-operate with each other and the citizens in the design and implementation of municipal services and services.**	Regional governance	x		x	
6	Each municipality should continue to independently design and implement its municipal services and services.	Regional governance	x		x	x
7	**Schools in rural areas should be well funded and staffed to attract new families to settle in rural Norrbotten.**	Schools Families	x			
8	Schools in urban areas should be prioritised to keep families in the cities.	Schools Families				x
9	**Equal and high-quality access to healthcare should be guaranteed for all, regardless of where they live.**	Healthcare services	x	x	x	
10	Healthcare should be concentrated in urban areas.	Healthcare services	x	x	x	x
11	**Telemedicine and digital patient care should be prioritised and continue to receive funding and be developed.**	Healthcare services	x			
12	Healthcare should focus on physical health centres and care solutions, while telemedicine and digital health services should cover rural areas in Norrbotten.	Healthcare services	x			x
13	**National agricultural policies should support sustainable and local community-driven agriculture.**	Farming	x		x	
14	Agricultural policies should focus on strengthening large-scale, industrialised agriculture.	Farming		x		x
15	**Food in Norrbotten should be locally produced.**	Farming	x			
16	Most of the food in Norrbotten should be imported.	Farming		x		x
17	**Large-scale timber industry should be prioritised.**	Forestry		x		
18	Small-scale forestry should be prioritised.	Forestry		x		x

19	**Solar energy should be developed.**	Green technologies Energy				
20	Solar energy should not be a priority energy source in Norrbotten.	Green technologies Energy				x
21	**Renewable energy should power both public and private transport.**	Green technologies Energy	x			
22	Public and private transport should continue to use fossil fuels.	Transport Green Technologies				x
23	**Mineral extraction should be significantly restricted.**	Mineral extraction		x		
24	Mineral extraction should continue to expand.	Mineral extraction				x
25	**50% of planned wind turbines should be cancelled.**	Green technologies Energy				
26	More wind turbines should be built.	Green technologies Energy				x
27	**Culture in rural areas should flourish through investment in theatre, film and art.**	Culture	x			
28	Cultural centres should only be located in urban areas.	Culture				x
29	**An increase in English-speaking residents and multicultural traditions should be supported.**	Culture Internationalisation	x	x		
30	Rural communities should preserve local Swedish traditions over multicultural influences.	Culture				x
31	**Traditional gender roles should no longer define rural society.**	Culture				
32	Traditional gender roles should be maintained in rural areas.	Culture				x
33	**Everyday life in Norrbotten should be strongly influenced by AI and digitalisation.**	Culture Digitization	x			
34	Restrictions should be imposed on the expansion of AI and digitalisation.	Culture Digitization	x			x

2.1.1.1. Output WS3: Seed statements

Table 3 shows the updated list of seed statements (SS) after workshop 3 (WS3). Additional columns indicate if a statement is new (N) or has been significantly modified or moderated out (MO) — SS changes are also shown with a strikethrough. Additional information describing the nature of the statement concerns:

- **Original statements** are highlighted in **bold.** Is the statement an original SS or a nuanced version?
- **Related TC aspects:** SSs are composed of relations between TC aspects — this column lists the key TC aspects addressed in the statement.
- **Preferred future (PF):** Is at least one of the TC aspects mentioned in LECs' preferred futures?
- **Policy relevance (PR)**: Is at least one of the TC aspects mentioned in policies?
- **Groundedness**/ importance for communities **(G)**: SS refers to at least one TC aspect with a high degree of groundedness in community futures (based on WS2 analyses).
- **Mirrored statement (M)**: Is the statement a 'mirror' of an original SS? This as opposed to an original SS.
- **New statement (N):** Is the statement new? This as opposed to a SS that served as input to WS3.
- **Moderated out (MO):** Statement which was moderated out or significantly modified by participants in WS3.

Table 4 Norrbotten / Seed statements as an output of WS3

#	Seed statement Output WS3	Related TC aspects	PF	PR	G	M	N	MO
	Case study region: Norrbotten							
1	**Public transport should be expanded to better connect rural areas in Norrbotten.**	Public transport	x	x	x			
3	Infrastructure and policies should support and improve access to private vehicles for residents in Norrbotten.	Public transport			x	x	x	

#	Seed statement Output WS3	Related TC aspects	PF	PR	G	M	N	MO
4	Public transport should be scaled down in rural areas of Norrbotten and money should be spent on other areas.	Public transport			x		x	
5	Public transport in rural Norrbotten works well as it is.	Public transport			x	x	x	
6	Train services in Norrbotten must become more predictable (be on time) so that more people will want to use them.	Public transport			x	x	x	
7	Public transport planning needs to be rethought - it doesn't need to be expanded, but instead become more flexible.	Public transport			x	x	x	
8	It should be possible to travel on the same ticket with several different public transport operators.	Public transport			x	x	x	
9	**Public transport should stop at more places in rural areas so that more people can use it.**	Public transport	x		x		x	
10	Express buses should be introduced that only stop in major hubs so that people can move from a to b more quickly.	Public transport			x	x	x	
11	**Public transport should not only enable people to travel to work, but also to leisure activities and everyday activities**	Public transport			x		x	
12	Most importantly, public transport should enable people to commute to and from work instead of travelling to leisure activities and everyday activities.	Public transport			x	x	x	
13	**Housing policy should encourage the development of detached houses and villas in rural areas throughout Norrbotten.**	Housing	x		x			
14	Housing policy should promote large-scale housing projects in Norrbotten's urban areas/capital cities and towns.	Housing	x		x	x		
15	The municipality should buy up plots and build neighbourhoods that are planned for community and social living.	Housing	x		x		x	
16	**Increased housing construction is one of the most important components to ensure a just green transition in Norrbotten.**	Housing	x		x		x	
17	There is no need to build more housing in Norrbotten.	Housing			x	x	x	
18	There should be requirements for banks to lend a certain percentage to rural areas where it is currently difficult to get loans to buy or build.	Housing	x		x		x	
19	There should be no requirements for banks to lend to specific areas, the market should regulate this itself.	Housing			x	x	x	
20	The government should act as a guarantor and take on some of the risk of loans to	Housing			x	x	x	
21	It should be easier to get planning permission in attractive areas in rural areas.	Housing			x		x	
22	Attractive areas should be protected from construction.	Housing Nature					x	
23	Shoreline protection must be reviewed to increase housing construction in attractive rural areas.	Housing Nature			x		x	
24	Shoreline protection must remain in place to protect the environment, biodiversity and everyone's access to water.	Housing Nature			x		x	
25	Opportunities for innovative ownership should be explored as solutions for housing in rural areas.	Housing Communities			x		x	
26	Focus on building cheaper rental housing in rural areas.	Housing			x		x	
27	Pilot housing projects should be developed to test economic viability.	Housing			x		x	
28	**There is a big problem with rural wastelands in Norrbotten**	Housing			x		x	
29	Rural wastelands are not a problem as they are often family homes used for a few months a year.	Housing			x		x	
30	There should be an inventory of rural wastelands and ways to reduce the number.	Housing						
31	There should be a commitment to managing and restoring empty buildings in rural areas.	Housing						
32	**Holiday homes undermine the countryside.**	Housing			x		x	
33	Holiday homes are important for rural areas.	Housing			x		x	
34	**There should be a distinction between residential and holiday homes in terms of taxation.**	Housing			x		x	
35	There should be no extra taxation for those who own holiday homes.	Housing			x		x	
36	**There should be restrictions on non-residents owning holiday homes.**	Housing			x		x	
37	It should be made easier for people living outside Sweden to buy holiday homes in Sweden.	Housing			x		x	

#	Seed statement Output WS3	Related TC aspects	PF	PR	G	M	N	MO
38	There should be a distinction between residents in Sweden and residents abroad when it comes to owning holiday homes.	Housing			x		x	
39	~~**The municipalities in Norrbotten should co-operate with each other and the citizens in the design and implementation of municipal services and services.**~~	Regional governance	x		x			x
40	~~Each municipality should continue to independently design and implement its municipal services and services.~~	Regional governance			x	x		x
41	~~**Schools in rural areas should be well funded and staffed to attract new families to settle in rural Norrbotten.**~~	Schools Families	x					x
42	~~Schools in urban areas should be prioritised to keep families in the cities.~~	Schools Families	x			x		x
43	**Smaller schools with fewer pupils of different ages should be made possible in rural areas.**	Schools	x		x		x	
44	Schools should be located mainly in urban areas where larger classes with students of the same age can be organised.	Schools	x			x	x	
45	**Schools are needed in smaller communities.**	Schools	x				x	
46	Maintaining schools in small communities is not a priority.	Schools	x			x	x	
47	Schools should be located mainly in rural areas and children in urban areas should go to them.	Schools	x			x	x	
48	**The status of teachers must be increased to improve the skills of teachers in rural areas.**	Schools Teachers	x				x	
49	Qualification requirements for teachers should be lowered and focus instead on the pedagogical skills of the person.	Schools Teachers	x				x	
50	**Equal and high-quality access to healthcare should be guaranteed for all, regardless of where they live.**	Healthcare	x	x	x			
51	Healthcare should be concentrated in urban areas.	Healthcare	x	x	x	x		
52	**Healthcare should focus on physical health centres and care solutions, while telemedicine and digital health services should cover rural areas in Norrbotten.**	Healthcare Digitization	x		x	x		
53	Telemedicine and digital patient care should be prioritised and continue to receive funding and be developed.	Healthcare Digitization	x		x			
54	There should be access to both physical and digital healthcare in rural areas.	Healthcare Accessibility Digitization	x		x	x	x	
55	**The region should offer nursing homes in smaller communities in Norrbotten.**	Healthcare Nursing homes	x		x		x	
56	**There should be more places in rural areas where you can take simpler samples.**	Healthcare Accessibility	x		x		x	
57	It is not a problem to travel to larger cities for tests where there are more resources.	Healthcare Accessibility			x	x	x	
58	Retirement homes should be a point where people in rural areas can take simpler tests.	Healthcare Accessibility	x		x		x	
59	**Tax revenues from mining and energy companies in Norrbotten should be collected and distributed by regional authorities (region and municipality).**	Circular tax system Large companies	x				x	
60	Tax revenues from mining and energy companies should be collected and distributed by the state.	Circular tax system Mining and Energy companies	x				x	
61	A campaign should highlight what Norrbotten and Västerbotten contribute in terms of energy and exports in order to reassess how central and southern Sweden view northern Sweden.	Regional identity Regional economy Energy production Exports					x	
62	~~**National agricultural policies should support sustainable and local community-driven agriculture.**~~	Farming	x		x			x
63	~~Agricultural policies should focus on strengthening large-scale, industrialised agriculture.~~	Farming		x		x		x
64	**Local food producers should receive public incentives and support.**	Farming	x	x			x	
70	The state should continue to favour large-scale food production.	Farming		x	x		x	
71	**Public authorities should prioritise procurement from local food producers.**	Farming	x	x	x		x	
72	Public authorities should prioritise procurement from industrial food production.	Farming		x	x		x	
73	**Food ~~in Norrbotten~~ should be locally produced.**	Farming	x	x	x			
74	Most of the food ~~in Norrbotten~~ should be imported.	Farming		x		x		
75	~~**Large-scale timber industry should be prioritised.**~~	Forestry		x				x
76	~~Small-scale forestry should be prioritised.~~	Forestry		x		x		x

#	Seed statement Output WS3	Related TC aspects	PF	PR	G	M	N	MO
77	**Local timber industry should receive public incentives and support.**	Forestry		x			x	
78	The state should continue to favour large-scale timber industry.	Forestry		x		x	x	
79	~~**Solar energy should be developed.**~~	Green technologies Energy	x					x
80	~~Solar energy should not be a priority energy source in Norrbotten.~~	Green technologies Energy				x		x
81	**Solar energy should not be a prioritised energy source in Norrbotten.**	Green technologies Energy	x			x	x	
82	Solar energy should be developed and supported in Norrbotten.	Green technologies Energy					x	
83	~~**Renewable energy should power both public and private transport.**~~	Green technologies Energy	x					x
84	~~Public and private transport should continue to use fossil fuels.~~	Transport Green Technologies	x			x		x
85	**Renewable energy should power means of transport.**	Green technologies Energy Transport	x				x	
86	Transport should continue to use fossil fuels.	Green technologies Energy Transport					x	
87	~~**Mineral extraction should be significantly restricted.**~~	Mineral extraction		x				x
88	~~Mineral extraction should continue to expand.~~	Mineral extraction				x		x
89	**Swedish-owned mineral extraction should continue to expand with strict regulations to reduce environmental impact to meet global demand for raw materials.**	Mineral extraction					x	
90	All mineral extraction should be severely restricted in Norrbotten to protect local ecosystems and communities.	Mineral extraction	x			x	x	
91	~~**50% of planned wind turbines should be cancelled.**~~	Green technologies Energy						x
92	~~More wind turbines should be built.~~	Green technologies Energy				x		x
93	**Planned large-scale wind turbines should be cancelled in Norrbotten.**	Green technologies Energy	x				x	
94	More wind turbines should be built in Norrbotten	Green technologies Energy				x	x	
95	**Culture in rural areas should flourish through investment in theatre, film and art.**	Culture	x					
96	Cultural centres should only be located in urban areas.	Culture				x		
97	**Culture has a natural place in schools in Norrbotten.**	Culture	x				x	
98	Teaching in schools in Norrbotten should focus on core subjects and not on culture.	Culture	x			x	x	
99	**An increase in English-speaking residents and multicultural traditions should be supported.**	Culture Internationalisation	x	x				
100	Rural communities should preserve local Swedish traditions over multicultural influences.	Culture				x		
101	Rural communities should both preserve Swedish traditions and welcome	Culture					x	
102	**Traditional gender roles should no longer define rural society.**	Culture						
103	Traditional gender roles should be maintained in rural areas.	Culture				x		
104	**Rural society is currently characterised by gender inequality**.	Culture					x	
105	Traditional gender roles should be reviewed.	Culture					x	
106	**Everyday life in Norrbotten should be strongly influenced by AI and digitalisation.**	Culture Digitization	x					
107	Restrictions should be imposed on the expansion of AI and digitalisation.	Culture Digitization				x		
108	**Film and traditional media create stereotypical narratives about everyday life in Norrbotten (living without running water, fishing, hunting, etc.).**	Culture				x		
109	Film and traditional media reflect an authentic picture of everyday life in Norrbotten.	Culture				x		

2.1.1.2. Final Pol.is input

Table 4 lists the statements which were the final input for Pol.is. Column (N) indicates new statements and column (MO) indicates whether a statement was moderated out based on WS3 debates or reviews following Pol.is guidelines. Additional information about the statements concerns:

- **Original statements** are highlighted in **bold.** Is the statement an original SS or a nuanced version?
- **Related TC aspects:** SSs are composed of relations between TC aspects — this column lists the key TC aspects addressed in the statement.
- **Preferred future (PF):** Is at least one of the TC aspects mentioned in LECs' preferred futures?
- **Policy relevance (PR)**: Is at least one of the TC aspects mentioned in policies?
- **Groundedness** / importance for communities **(G)**: SS refers to at least one TC aspect with a high degree of groundedness in community futures (based on WS2 analyses).
- **Mirrored statement (M)**: Is the statement a 'mirror' of an original SS? This as opposed to an original SS.
- **New statement (N):** Is the statement new? This as opposed to a SS that has served as input to WS3.
- **Moderated out (MO):** Statement which was moderated out or significantly modified by participants in WS3.

Table 5 Norrbotten / Final Pol.is input

#	Seed statement Final Pol.is input	Related TC aspects	PF	PR	G	M	N	MO
	Case study region: Norrbotten							
1	**Public transport should be expanded to better connect rural areas in Norrbotten.**	Public transport	x	x	x			
2	Infrastructure and policies should support and improve access to private vehicles for residents in Norrbotten.	Public transport			x	x	x	
3	Public transport should be scaled down in rural areas of Norrbotten and money should be spent on other areas.	Public transport			x	x	x	
4	**Public transport in rural Norrbotten works well as it is.**	Public transport			x		x	
5	Train services in Norrbotten must become more predictable (be on time) so that more people will want to use them.	Public transport			x	x	x	
6	Public transport planning needs to be rethought - it doesn't need to be expanded but instead become more flexible.	Public transport			x	x	x	
7	It should be possible to travel on the same ticket with several different public transport operators.	Public transport			x	x	x	
8	**Public transport should stop at more places in rural areas so that more people can use it.**	Public transport	x		x		x	
9	Express buses should be introduced that only stop in major hubs so that people can move from a to b more quickly.	Public transport			x	x	x	
10	**Public transport should not only enable people to travel to work, but also to leisure activities and everyday activities.**	Public transport			x		x	
11	Most importantly, public transport should enable people to commute to and from work instead of travelling to leisure activities and everyday activities.	Public transport			x	x	x	
12	**Housing policy should encourage the development of detached houses and villas in rural areas throughout Norrbotten.**	Housing	x		x			
13	Housing policy should promote large-scale housing projects in Norrbotten's urban areas/capital cities and towns.	Housing	x		x	x		
14	The municipality should buy up plots and build neighbourhoods that are planned for community and social living.	Housing	x		x		x	
15	**Increased housing construction is one of the most important components to ensure a just green transition in Norrbotten.**	Housing	x		x		x	
16	There is no need to build more housing in Norrbotten.	Housing			x	x	x	

#	Seed statement Final Pol.is input	Related TC aspects	PF	PR	G	M	N	MO
17	**There should be requirements for banks to lend a certain percentage to rural areas where it is currently difficult to get loans to buy or build.**	Housing	x		x		x	
18	There should be no requirements for banks to lend to specific areas, the market should regulate this itself.	Housing			x	x	x	
19	The government should act as a guarantor and take on some of the risk of loans to increase housing construction in the area where it is difficult to get loans to build.	Housing	x		x	x	x	
20	**It should be easier to get planning permission in attractive areas in rural areas.**	Housing			x		x	
21	Attractive areas should be protected from construction.	Housing Nature					x	
22	Shoreline protection must be reviewed to increase housing construction in attractive rural areas.	Housing Nature			x	x	x	
23	~~Shoreline~~ Beach protection must remain in place to protect the environment, biodiversity and everyone's access to water.	Housing Nature			x	x	x	x
24	**Opportunities for innovative ownership should be explored as solutions for housing in rural areas.**	Housing Communities	x		x		x	
25	Focus on building cheaper rental housing in rural areas.	Housing			x	x	x	
26	Pilot housing projects should be developed to test economic viability.	Housing			x		x	
27	**There is a big problem with rural wastelands in Norrbotten**	Housing			x		x	
28	Rural wastelands are not a problem as they are often family homes used for a few months a year.	Housing			x		x	
29	There should be an inventory of rural wastelands and ways to reduce the number.	Housing						
30	There should be a commitment to managing and restoring empty buildings in rural areas.	Housing						
31	**Holiday homes undermine the ~~countryside~~ rural areas.**	Housing			x		x	
32	Holiday homes are important for rural areas.	Housing			x	x	x	
33	**There should be a distinction between residential and holiday homes in terms of taxation.**	Housing			x		x	
34	There should be no extra taxation for those who own holiday homes.	Housing	x		x		x	
35	Holiday homes are important for rural areas.	Housing	x		x		x	
36	**The ownership of holiday homes by non-residents should be restricted.**	Housing			x		x	
37	It should be made easier for people living outside Sweden to buy holiday homes in Sweden.	Housing			x		x	
38	There should be a distinction between residents in Sweden and residents abroad when it comes to owning holiday homes.	Housing			x		x	
39	**Smaller schools with fewer pupils of different ages should be made possible in rural areas.**	Schools	x		x		x	
40	Schools should be located mainly in urban areas where larger classes with students of the same age can be organised.	Schools	x			x	x	
41	**Schools are needed in smaller communities.**	Schools	x				x	
42	Maintaining schools in small communities is not a priority.	Schools	x			x	x	
43	Schools should be located mainly in rural areas and children in urban areas should go to them.	Schools				x	x	
44	**The status of teachers must be increased to improve the skills of teachers in rural areas.**	Schools Teachers	x				x	
45	Qualification requirements for teachers should be lowered and focus instead on the pedagogical skills of the person.	Schools Teachers	x				x	
46	**Equal and high-quality access to healthcare should be guaranteed for all, regardless of where they live.**	Healthcare	x	x	x			
47	Healthcare should be concentrated in urban areas.	Healthcare	x	x	x	x		
48	**Telemedicine and digital patient care should be prioritised and continue to receive funding and be developed.**	Healthcare Digitization	x		x			
49	Healthcare should focus on physical health centres and care solutions, while telemedicine and digital health services should cover rural areas in Norrbotten.	Healthcare Digitization	x		x	x		
50	There should be access to both physical and digital healthcare in rural areas.	Healthcare Accessibility Digitization	x		x	x	x	

#	Seed statement Final Pol.is input	Related TC aspects	PF	PR	G	M	N	MO
51	**The region should offer nursing homes in smaller communities in Norrbotten.**	Healthcare Nursing homes	x		x		x	
52	Retirement homes should be a point where people in rural areas can take simpler tests.	Healthcare Accessibility	x		x		x	
53	It is not a problem to travel to larger cities for tests where there are more resources.	Healthcare Accessibility			x	x	x	
54	There should be more places in rural areas where you can take simpler samples.	Healthcare Accessibility	x		x		x	
55	**Tax revenues from mining and energy companies in Norrbotten should be collected and distributed by regional authorities (region and municipality).**	Circular tax system Large companies	x				x	
56	Tax revenues from mining and energy companies should be collected and distributed by the state.	Circular tax system Mining and Energy companies	x				x	
57	**A campaign should highlight what Norrbotten and Västerbotten contribute in terms of energy and exports in order to reassess how central and southern Sweden view northern Sweden.**	Regional identity Regional economy Energy production Exports					x	
58	**Local food producers should receive public incentives and support.**	Farming	x	x			x	
59	The state should continue to favour large-scale food production.	Farming		x	x		x	
60	**Public authorities should prioritise procurement from local food producers.**	Farming	x	x	x		x	
61	Public authorities should prioritise procurement from industrial food production.	Farming		x	x		x	
62	**Food should be locally produced.**	Farming	x	x	x			
63	Most of the food should be imported.	Farming		x		x		
64	**Local timber industry should receive public incentives and support.**	Forestry		x			x	
65	The state should continue to favour large-scale timber industry.	Forestry		x		x	x	
66	**Solar energy should not be a prioritised energy source in Norrbotten.**	Green technologies Energy	x			x	x	
67	Solar energy should be developed and supported in Norrbotten.	Green technologies Energy					x	
68	**Renewable energy should power means of transport.**	Green technologies Energy Transport	x				x	
69	Transport should continue to use fossil fuels.	Green technologies Energy Transport					x	
70	**Swedish-owned mineral extraction should continue to expand with strict regulations to reduce environmental impact to meet global demand for raw materials.**	Mineral extraction					x	
71	All mineral extraction should be severely restricted in Norrbotten to protect local ecosystems and communities.	Mineral extraction	x			x	x	
72	**Planned large-scale wind turbines should be cancelled in Norrbotten.**	Green technologies Energy	x				x	
73	More wind turbines should be built in Norrbotten	Green technologies Energy				x	x	
74	**Culture in rural areas should flourish through investment in theatre, film, and art.**	Culture	x					
75	Cultural centres should only be located in urban areas.	Culture				x		
76	**Culture has a natural place in schools in Norrbotten.**	Culture	x				x	
77	Teaching in schools in Norrbotten should focus on core subjects and not on culture.	Culture	x			x	x	
78	**An increase in English-speaking residents and multicultural traditions should be supported.**	Culture; Internationalisation	x	x				
79	Rural communities should preserve local Swedish traditions over multicultural influences.	Culture				x		
80	**Traditional gender roles should no longer define rural society.**	Culture						
81	Traditional gender roles should be maintained in rural areas.	Culture				x		
82	**Rural society is currently characterised by gender inequality**.	Culture					x	
83	Traditional gender roles should be reviewed.	Culture					x	
84	**Everyday life in Norrbotten should be strongly influenced by AI and digitalisation.**	Culture Digitization	x					

#	Seed statement Final Pol.is input	Related TC aspects	PF	PR	G	M	N	MO
85	Restrictions should be imposed on the expansion of AI and digitalisation.	Culture Digitization				x		

2.1.2. Pol.is information campaign

- Summary channels used
- Summary promotional material used
- Summary target audiences reached (estimation)

Table 6 Norrbotten / Used communication channels

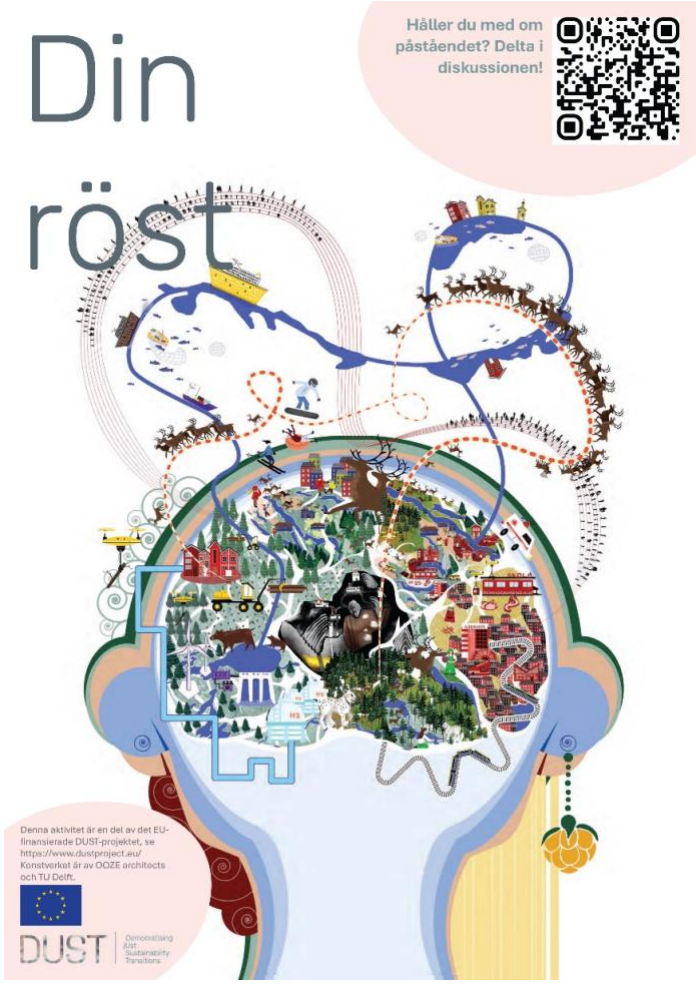
Target audience		Distribution channel / media	Practical information
Please list the group that you want to reach via the channel here. Please also add an estimated number of persons reached in brackets. For example: 'Retired miners (ca. 50)' or 'Youth in higher education, between 15 and 25, male and female (50)'		Please list the distribution channel / media here, for example: 'Poster', or 'Social media post on Facebook'	Please add practical information on the distribution channel such as contact details or location here. This can be, for example, and address of a meeting place, the contact of the person who needs to be asked for permission when hanging a poster, or the contact details of a member of a social media group.
Channels to reach LECs These channels can be used to reach LECs in case study regions. They can include, for example, channels made available via DUST societal RFLL partner, and CCN members in RFLL regions.			
WS3 participants	Communication during and after WS3	Shared pol.is link via email	
Education institutions	Communication via email campaign	Shared pol.is link via email	
Municiaplities in Norrbotten	Communication via email campaign	Shared pol.is link via email	
Civil society organisations	Communication via email campaign	Shared pol.is link via email	
Local and regional bussinesses		Communication via email campaign	Shared pol.is link via email
Genral public in Norrbotten using FB		Communication via paid advertisement	Promotional video and a link to Pol.is
Facebook discussions groups, local development focused		Communication via post in the groups	Shared the link in listed FB groups

Table 7 Norrbotten / Used promotional visual materials

Promotional visual material	Used (yes / no)	Additional information
Initial information videos	Yes	1 video, distributed on Facebook on the 12th of March
Brief videos	Yes	3 videos, distributed via Meta advertisement function, targeted for people in Norrbotten, on the 31st of March initially planned end date was 20th of April, but due to Meta-related issues, this was concluded earlier.
Animated .gifs	Yes	1 gif picture attached to emails, inviting people/organizations to join Pol.is
Poster	No	N/A
Postcards	No	N/A
Other	No	N/A

Figure 1 Norrbotten / Examples promotional material used

Kommunen borde köpa upp tomter och bygga bostadsområden som är planerade för gemenskap och social tillvaro.
Håller du med om påståendet? Delta i diskussionen!
BIBLIOTEK
SJUKHUS
DUST


Din röst
Håller du med om påståendet? Delta i diskussionen!
Denna aktivitet är en del av det EU-finansierade DUST-projektet, se https://www.dustproject.eu/
Konstverket är av OOZE architects och TU Delft.
DUST

2.1.3. Pol.is use

2.1.3.1. Pol.is use in general

- Summary use of Pol.is (see table below)
- **Start date:** 24 February 2025 / **End date:** 25 March 2025 / **Duration:** ca. 30 days

Table 8 Norrbotten / Pol.is use

	#	Additional information
People voted	55	
People grouped	48	2 opinion groups emerged
Votes were cast	3667	
Statements were submitted	124	
Votes per voter on average	66.67	
Statements per author on average	7.83	

2.1.3.2. Moderation of Pol.is use

- How many statements were moderated out and when?
  Approximately 30 statements throughout the period Feb-April 2025.

- What were main reasons for moderating out statements?
  - Irrelevance to the topic or the goals of the dialogue (e.g. statements not connected to the green transition in Norrbotten)
  - Lack of clarity or coherence (statements difficult to interpret or ambiguous in meaning)
  - Redundancy, when statements overlapped heavily with others already published
  - Potential to derail the discussion (e.g. introducing culture/identity topics in a way that shifted the dialogue away from its policy focus)

- Refinement of strategy over time?
  Yes, the moderation strategy was refined during the process. Initially, all input was considered, but over time, we chose to exclude statements related to culture and identity. This was done to keep the dialogue focused on the impacts and themes more directly tied to the green transition in Norrbotten, ensuring policy relevance and sharper alignment with the project's aims.

2.1.4. Pol.is output

- Pol.is output — Qualifying seed statements
- Pol.is report (English translation)

2.1.4.1. Pol.is output – Qualifying seed statements

Table 8 shows the output statements from Pol.is and provides additional data on how much consensus (CS), polarisation (PS), and agreement (A) the statements generated among participants. SS are assessed based on the following aspects:

- **Related TC aspects:** SSs are composed from relations between TC aspects — this column lists the key TC aspects addressed in the statement.
- **Preferred future (PF):** Is at least one of the TC aspects mentioned in LECs' preferred futures?
- **Groundedness** / importance for communities **(G):** Has at least one of the TC aspects a high degree of groundedness in community futures?
- **Policy relevance (PR):** Is at least one of the TC aspects mentioned in policies?
- **Mirrored statement (M):** Is the statement a 'mirror' of an original SS? This as opposed to an original SS?
- **New statement (N):** Is the statement new? This as opposed to a SS that served as input to Pol.is.
- **Consensus Statement (CS):** Is the statement classified as a consensus statement among opinion groups in Pol.is? Do opinion groups show similar levels of agreement or disagreement on the statement?
- **Polarising Statement (PS):** Is there a significant difference in agreement or disagreement between opinion groups about the statement? Is the statement classified as polarising in Pol.is?
- **Agreement:** Is there a high percentage of agreement on the statement amongst all opinion groups?

Table 9 Table Norrbotten/ Pol.is output

#	SS Pol.is Output	Related TC aspects	PF	PR	G	M	N	CS	PS	A
	Case study region: Norrbotten									
1	**Public transport should be expanded to better connect rural areas in Norrbotten together.**	Public transport	x	x	x				x	x
2	Infrastructure and policies should support and improve access to private vehicles for residents in Norrbotten.	Public transport			x	x			x	
3	Public transport should be scaled down in rural areas of Norrbotten and money should be spent on other areas.	Public transport			x	x		x		
4	**Public transport should stop at more places in rural areas so that more should be able to use it.**	Public transport	x		x				x	
5	They should introduce express buses that only stop in major hubs to transport people can move faster from a to b.	Public transport			x	x			x	
6	**Public transport in rural Norrbotten works well as it is.**	Public transport			x			x		
7	Train services in Norrbotten must become more predictable (be on time) so that more people will want to use them.	Public transport			x	x		x		x
8	It requires a rethink in public transport planning - it does not need to be expanded, but instead become more flexible.	Public transport			x	x				x
9	You should be able to go on the same ticket with several different public transport operators.	Public transport			x	x				x
10	**Public transport should not only enable people to travel to work, but also to leisure activities and everyday activities.**	Public transport			x				x	
11	Public transport should prioritise commuting to and from work instead of travelling to leisure activities and everyday chores.	Public transport			x	x			x	

12	**Rail public transport does not work well in Malmfälten & to/from Malmfälten/coast for work & Healthcare.**	Public transport	x		x		x			x
13	**The Kiruna bus model should be able to be extended to rail transport.**	Public transport	x		x		x			x
14	**Housing policy should encourage the development of detached houses and villas in rural areas throughout Norrbotten.**	Housing	x		x					x
15	Housing policy should promote large-scale housing projects in Norrbotten's urban areas/capital cities and towns.	Housing	x		x	x				
16	The municipality should buy up plots and build neighbourhoods that are planned for community and social living.	Housing	x		x				x	
17	**Increased housing construction is a of the most important components to ensure a just green transition in Norrbotten**	Housing	x		x				x	
18	There is no need to build more housing in Norrbotten.	Housing			x	x		x		
19	**There should be requirements for banks to lend a certain percentage to rural areas where it is currently difficult to get loans to buy or build.**	Housing	x		x					x
20	There should be no requirements for banks to lend to specific areas, markets should regulate this yourself.	Housing			x	x				
21	The government should act as a guarantor and take on some of the risk of loans to increase housing construction in the area where it is difficult to get loans to build.	Housing	x		x	x				x
22	**It should be easier to get planning permission in attractive areas in rural areas.**	Housing			x					x
23	Attractive areas should be protected from construction.	Housing Water	x		x					
24	Beach protection must be reviewed to increase housing construction in attractive areas in rural areas.	Housing Water/Coastal area			x				x	
25	Beach protection must be left to protect the environment, biodiversity and access to water for all.	Housing Water			x	x			x	
26	**Opportunities for innovative ownership should be explored as solutions for housing in rural areas.**	Housing Communities	x		x					x
27	The focus should be on build cheaper apartment blocks on rural areas.	Housing			x	x				x
28	We should develop pilot project on housing construction to test economic viability.	Housing			x				x	
29	We should create commitment to managing and restoring empty buildings on rural areas.	Housing			x					x
30	**Holiday homes are eroding rural areas.**	Housing Holiday homes			x					
31	Holiday homes are important for rural areas.	Housing Holiday homes	x		x	x				x
32	**There should be a distinction between residential and holiday homes in terms of taxation.**	Housing Holiday homes Tax system	x		x				x	
33	Holiday homes are important for rural areas.	Housing Holiday homes	x		x					x

34	**It should be restricted that persons who do not reside in Sweden owns holiday homes.**	Housing Holiday homes			x					x
35	It should be made easier for persons residing outside Sweden to buy a holiday home in Sweden.	Housing Holiday homes			x	x				
36	**Regulatory framework for the construction of permanent housing in coastal areas areas, on/near agricultural land etc. should be reviewed and facilitated in northern Sweden.**	Housing Coastal area Open space					x			
37	**Can't you build standards apartments for people to afford to live, it must always be luxury.**	Housing	x		x		x			
38	**In the Ore Fields we need diversified accommodation.**	Housing	x		x		x			
39	**Man should enable smaller schools with fewer students of different ages on rural areas.**	Schools	x		x					x
40	Schools should be located primarily in urban areas where you can have larger classes with students in the same age.	Schools			x	x		x		
41	**Schools are needed in smaller communities.**	Schools	x		x			x		x
42	It is not a priority to have remaining schools in small communities	Schools			x	x				
43	Schools should be located primarily in rural, and urban children areas should go to them.	Schools			x					x
44	**The status of teachers must increase to improve the skills of teachers in rural areas.**	Schools Teachers Skills	x		x					x
45	Requirements should be lowered if qualifications for teachers and instead focus on how pedagogical the person is.	Schools Teachers Skills			x	x			x	
46	**The state should be responsible for our schools so that all municipalities can offer the same level of training also in rural and remote areas.**	Scholls	x		x		x			x
47	**Equal and high-quality access to healthcare should be guaranteed for all, regardless of place of residence.**	Healthcare	x	x	x			x		x
48	Health care should be concentrated in urban areas.	Healthcare		x	x	x			x	
49	**Telemedicine and digital patient care should be prioritised and continue to receive funding and evolve.**	Healthcare Digitization	x		x					x
50	There should be access to both physical and digital healthcare on rural areas.	Healthcare Accessibility Digitization	x		x	x				x
51	**The region should offer health centres in smaller communities in Norrbotten.**	Healthcare Communities	x		x			x		x
52	Retirement homes should be a point where people in rural areas can take simple samples.	Healthcare	x		x					x
53	Travelling is not a problem to major cities for sampling where there are more resources.	Healthcare	x		x	x				
54	There should be more places in rural areas where you can take simpler samples.	Healthcare	x		x					x

55	**Tax revenues from mining and energy companies in Norrbotten should be collected and distributed by regional authorities (region and municipality).**	Tax system Large companies	x		x				x	
56	The tax revenue from mining and energy companies should be collected and distributed by the State.	Tax system Large companies			x	x			x	
57	**Congestion tax for those living in big cities - a surcharge on tax used in the North for sustainable development.**	Tax system	x		x		x			x
58	**A campaign should emphasise the contribution of Norrbotten and Västerbotten in the form of energy and exports to reassess how Pcentral and southern Sweden northern Sweden.**	Regional identity Regional economy Energy production Exports						x		x
59	**Government should continue to favour large-scale food production**	Farming			x				x	
60	**Public authorities should prioritise procurement from local food producers.**	Farming	x	x	x			x		x
61	Public authorities should prioritise procurement from industrial food production.	Farming		x	x	x				
62	**Food should be locally produced.**	Farming Local food	x	x	x			x		x
63	The majority of food should be Imported.	Farming			x	x		x		
64	Government should continue to favour large-scale food production.	Farming		x	x	x			x	
65	**There is a major problem with deserted farms in the countryside in Norrbotten.**	Farming	x	x	x		x			x
66	Derelict farms in the countryside are not a problem as it is often family homes that are used some months of the year.	Farming Housing			x	x				
67	An inventory should be taken on deserted farms in rural areas and explore ways to reduce the number.	Farming			x					x
68	**Local food producers should receive public incentives and support**.	Farming Local food	x	x	x	x	x	x		x
69	**If you sell your farm, you should be allowed to subdivide a plot even though it is agricultural land because then someone can others to farm instead.**	Farming			x		x			x
70	**It would be easier to run a small-scale Farm; sell milk,meat,eggs from the farm to individuals who want to consume locally.**	Farming Local food	x		x		x			x
71	**Solar energy should not be a priority energy source in Norrbotten.**	Green technologies Energy			x	x			x	
72	Solar energy should be developed and be supported in Norrbotten	Green technologies Energy	x		x	x			x	
73	**Renewable energy should drive means of transport.**	Green technologies Energy			x	x			x	
74	Transport should continue use fossil fuels.	Green technologies Energy			x	x			x	
75	**Swedish-owned mineral extraction should continue to expand with strict rules to reduce environmental impact to meet global demand for raw materials.**	Mineral extraction Green technologies Energy			x			x		x
76	All mineral extraction should severely be restricted in Norrbotten to protect local ecosystems and communities.	Mineral extraction Green technologies Energy	x		x	x				

		Communities								
77	**Planned large-scale wind turbines should be set up in Norrbotten.**	Green technologies Energy	x		x			x		x
78	More wind turbines should be built in Norrbotten	Green technologies Energy			x	x		x		
79	**Apartment block owners must install charging points to enable more can buy an electric car.**	Green technology	x		x		x			x
80	**Young people want to be involved in society and therefore need to be included in social development.**	Young people					x	x		x
81	**Young people long for investment where they live and therefore need to be involved in the development of society.**	Young people Investment					x	x		x
82	The urban norm needs challenged - young people need to be able to choose to live and work throughout Norrbotten.	Young people Housing	x				x	x		x
83	**The indigenous perspective should be emphasised clearer.**	Indigenous community					x		x	
84	**The child perspective and child participation is important for sustainability. Children/young people must have access to influence in policy documents such as RUS.**	Young people Regional governance					x		x	
85	**Civil society needs to be let into the strategic regional cooperation. Become a as natural a partner as the business community.**	Community Regional governance	x				x	x		x
86	**More early intervention for equal life chances for children is needed. The needs to be done in co-operation between municipalities, regions and civil society.**	Young people Heathcare system Regional governance	x		x		x			x
87	**Conduct child impact assessments in all decisions at local and regional level.**	Young people					x			x
88	**Rural entrepreneurship needs more support, children need schooling, the elderly need to meet each other. We need each other.**	Rural entrepreneurship Community Schools	x		x		x			x
89	**Biggest chance for Norrbotten to is to promote our beautiful countryside in a project together with neighbouring municipalities.**	Open space Regional governance	x		x		x			x
90	**Yes, and other national minorities' perspective. We need a better model for coexistence.**	Community Regional governance	x		x		x			x
91	**There must be a physical bank in each municipality that you can visit for small and large cases.**	Public services	x		x		x			x

2.1.4.2. Pol.is report

This chapter includes the final Pol.is report from Norrbotten, as exported from the Pol.is application and automatically translated into English.

Report

https://dust-polis.tudelft.nl/59cudhnueb

auto-refresh

colour blind mode

Overview of the programme

Pol.is is a real-time survey system that helps identify the different ways a large group of people think about a divisive or complicated topic. Here's a basic breakdown of some terms you'll need to know in order to understand this report.

Participants: These are the people who participated in the conversation by voting and writing statements. Based on how they voted, each participant is sorted into an opinion group.

Statements: Participants may submit statements for other participants to vote on. Statements are assigned a number in the order they're submitted.

Opinion groups: Groups are made of participants who voted similarly to each other, and differently from the other groups.

This pol.is conversation was run by leneisja.jungsberg@nordregio.org. The topic was 'The future of Norrbotten: Conversations about sustainable development'.

55	48	3,667	124	66.67	7.83
people voted	people grouped	votes were cast	statements were submitted	votes per voter on average	statements per author on average

Raw Data Export (Anonymous)

The following data exports are anonymised. Participants are identified by an integer representing the order in which they first voted. For a full description of files and columns, please see: https://compdemocracy.org/export/

----------Summary: 2025-03-25-1125-59cudhnueb-summary.csv

-------Comments: 2025-03-25-1125-59cudhnueb-comments.csv (may take up to several minutes)

--Votes history: 2025-03-25-1125-59cudhnueb-votes.csv (as event log)

---Votes matrix: 2025-03-25-1125-59cudhnueb-participant-votes.csv (as comments x participants matrix) Comment groups:

2025-03-25-1125-59cudhnueb-comment-groups.csv

Public API endpoints (read only, Jupyter notebook friendly)

```
$ curl https://dust-polis.tudelft.nl/api/v3/reportExport/r8ezmfnhtexk2jjzyuccy/summary.csv
$ curl https://dust-polis.tudelft.nl/api/v3/reportExport/r8ezmfnhtexk2jjzyuccy/comments.csv
$ curl https://dust-polis.tudelft.nl/api/v3/reportExport/r8ezmfnhtexk2jjzyuccy/votes.csv
$ curl https://dust-polis.tudelft.nl/api/v3/reportExport/r8ezmfnhtexk2jjzyuccy/participant-votes.csv
$ curl https://dust-polis.tudelft.nl/api/v3/reportExport/r8ezmfnhtexk2jjzyuccy/comment-groups.csv
```

How divisive was the conversation?

Statements (here as little circles) to the left were voted on the same way-either everyone agreed or everyone disagreed. Statements to the right were divisive-participants were split between agreement and disagreement.

How to use this: Hover to see the statement text. Start on the far right to find out what the most divisive statement was.

Consensus statements Divisive statements

Majority

Here's what most people agreed with.

60% or more of all participants voted one way or the other, regardless of whether large amounts of certain minority opinion groups voted the other way.

% Agreed | % Disagreed | % Passed | % Didn't vote

	STATEMENT	OVERALL 48	A 5	B 43
3	1.1.4 Public transport should be scaled down in rural areas in Norrbotten and the money should be spent on other areas	0% 91% 8% (35)	0% 75% 25% (4)	0% 93% 6% (31)
6	1.1.7 Public transport on rural areas in Norrbotten work good as it is	2% 82% 14% (35)	25% 25% 50% (4)	0% 90% 9% (31)
7	1.1.8 Train services in Norrbotten must become more predictable (be on time) to more people will want to use it	92% 0% 7% (39)	80% 0% 20% (5)	94% 0% 5% (34)
18	1.2.5 No need to build more housing in Norrbotten	0% 76% 23% (34)	0% 50% 50% (4)	0% 80% 20% (30)
42	1.3.2 Schools should be located primarily in urban areas where you can have larger classes with students in the same age	8% 72% 19% (36)	20% 40% 40% (5)	6% 77% 16% (31)
48	1.3.8 Equal and high-quality access to healthcare should be guaranteed for all, regardless of place of residence	95% 2% 2% (40)	80% 0% 20% (5)	97% 2% 0% (35)
65	2.6 The majority of food should be imported	0% 94% 5% (34)	0% 75% 25% (4)	0% 96% 3% (30)
77	2. Land use and energy: 2.1 Local food producers should receive public incentives and support	94% 0% 5% (39)	60% 0% 40% (5)	100% 0% 0% (34)
92	Young people want to be involved in society and therefore need to be included in social development.	100% 0% 0% (36)	100% 0% 0% (3)	100% 0% 0% (33)
94	The urban norm needs challenged - young people need choice to live, work and play throughout Norrbotten	97% 0% 2% (34)	100% 0% 0% (3)	96% 0% 3% (31)

Opinion Groups

Across 48 total participants, 2 opinion groups emerged. There are two factors that define an opinion group. First, each opinion group is made up of a number of participants who tended to vote similarly on multiple statements. Second, each group of

participants who voted similarly will have also voted distinctly differently from other groups.

Group A: 5 participants

Statements which make this group unique, by their votes:

	STATEMENT	OVERALL 48	A 5	B 43
92	Young people want to be involved in society and therefore need to be included in social development.	100% 0% 0% (36)	100% 0% 0% (3)	100% 0% 0% (33)
5	1.1.6 The following should be introduced express buses that only stop in major hubs to transport people can move faster from a to b	45% 25% 30% (40)	0% 80% 20% (5)	51% 17% 31% (35)
11	1.1.12 They should introduce express buses that only stop in major hubs and for people can move faster from a to b	40% 35% 25% (40)	0% 80% 20% (5)	45% 28% 25% (35)
25	1.2.12 Beach protection must be left to protect the environment, biodiversity and access to water for all	50% 32% 17% (40)	0% 75% 25% (4)	55% 27% 16% (36)

Group B: 43 participants

Statements which make this group unique, by their votes:

	STATEMENT	OVERALL 48	A 5	B 43
28	1.2.15 The following should be developed pilot project on housing construction to test economic viability	82% 7% 10% (39)	0% 60% 40% (5)	94% 0% 5% (34)
32	1.2.19 Commitment should be created to manage and restore empty buildings on rural areas	87% 2% 10% (40)	20% 20% 60% (5)	97% 0% 2% (35)
31	1.2.18 An inventory should be taken abandoned farms in rural areas and explore how to reduce the number	87% 0% 12% (39)	20% 0% 80% (5)	97% 0% 2% (34)
0	1. Housing and basic services in Norrbotten: 1.1 Public transport: 1.1.1 Public transport should be expanded to better connect rural areas in Norrbotten together	85% 4% 9% (41)	20% 40% 40% (5)	94% 0% 5% (36)
12	1.1.13 Public transport should not only enable travel to work, but also to leisure activities and everyday chores	84% 10% 5% (38)	20% 40% 40% (5)	93% 6% 0% (33)

Areas of uncertainty

Across all 48 participants, there was uncertainty about the following statements. Greater than 30% of participants who saw these statements 'passed'.

Areas of uncertainty can provide avenues to educate and open dialogue with your community.

	STATEMENT	OVERALL 48	A 5	B 43
61	2.2 Government should continue to favour large-scale food production	28% 34% 37% (35)	25% 25% 50% (4)	29% 35% 35% (31)
38	1.2.25 It should be restricted that persons who do not reside in Sweden owns holiday homes	42% 23% 34% (38)	50% 0% 50% (4)	41% 26% 32% (34)
39	1.2.26 It should be made easier for persons residing outside Sweden to buy a holiday home in Sweden	2% 61% 35% (34)	0% 50% 50% (4)	3% 63% 33% (30)
1	1.1.2 Infrastructure and policies should support and improve access to private vehicles for residents of Norrbotten	28% 38% 33% (39)	40% 20% 40% (5)	26% 41% 32% (34)
113	In the Ore Fields we need diversified accommodation	50% 0% 50% (10)	0% 0% 0% (0)	50% 0% 50% (10)

graph

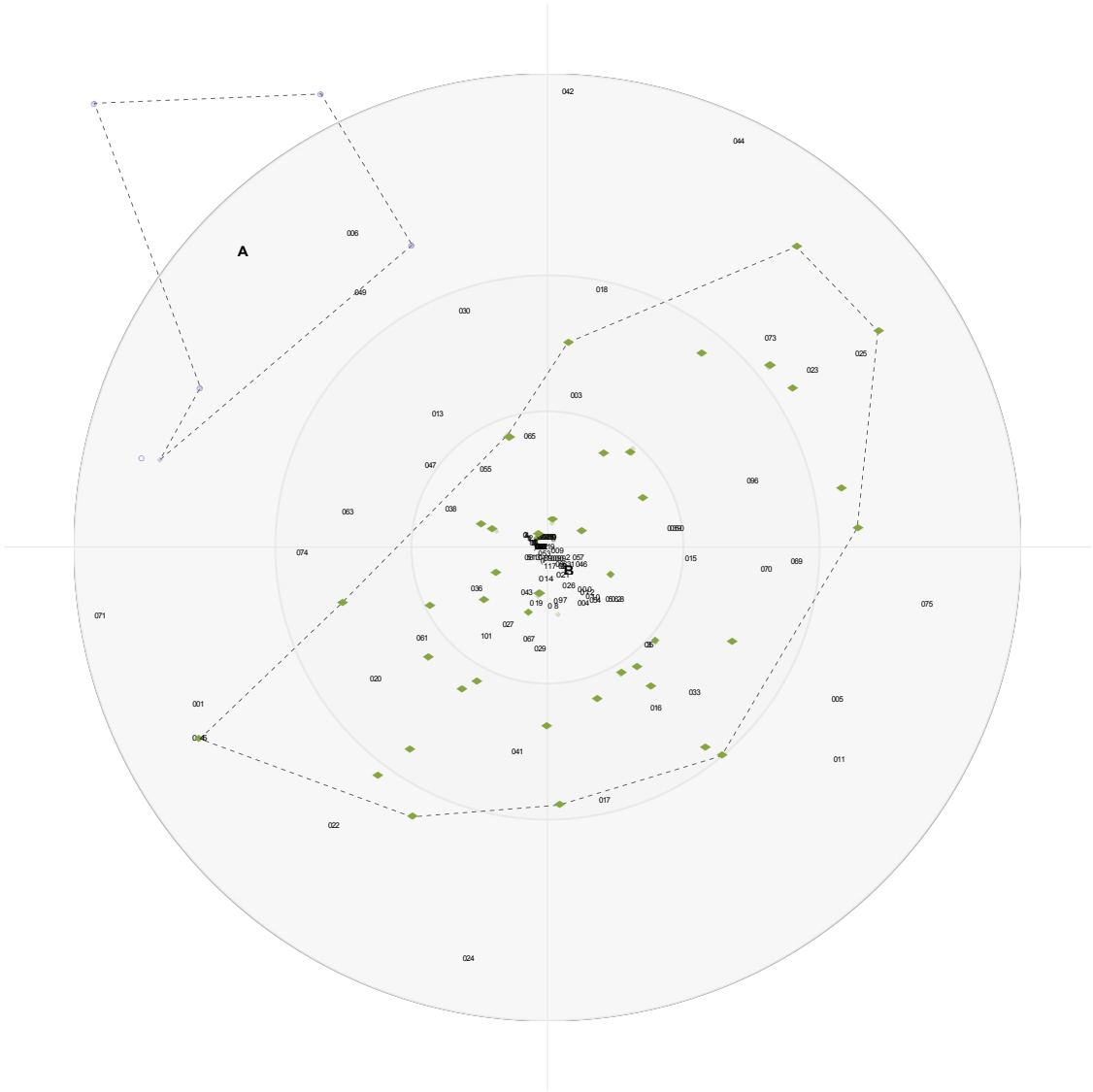
Which statements were voted on similarly? How do participants relate to each other?

In this graph, statements are positioned more closely to statements which were voted on similarly. Participants, in turn, are positioned more closely to statements on which they agreed, and further from statements on which they disagreed. This means participants who voted similarly are closer together.

Axes | Radial axes | Statements | Participants (bucketised) | Group outline | Group labels

	STATEMENT	OVERALL	A 5	B 43
6	1.1.7 Public transport on rural areas in Norrbotten work good as it is	2% 82% 14% (35)	25% 25% 50% (4)	0% 90% 9% (31)

○ A ◆ B



All statements

Group votes across all statements, excluding those statements which were moderated out.

Sort by: Statement Id

STATEMENT		OVERALL 48	A 5	B 43
0	1. Housing and basic services in Norrbotten: 1.1 Public transport: 1.1.1 Public transport should be expanded to better connect rural areas in Norrbotten together	85% 4% 9% (41)	20% 40% 40% (5)	94% 0% 5% (36)

1	1.1.2 Infrastructure and policies should support and improve access to private vehicles for residents in Norrbotten	28% 38% 33% (39)	40% 20% 40% (5)	26% 41% 32% (34)
2	1.1.3 Public transport should be expanded to better link the same city and country in Norrbotten	89% 2% 7% (38)	40% 20% 40% (5)	96% 0% 3% (33)
3	1.1.4 Public transport should be scaled down in rural areas in Norrbotten and the money should be spent on other areas	0% 91% 8% (35)	0% 75% 25% (4)	0% 93% 6% (31)
4	1.1.5 Public transport should stop at more places in rural areas so that more should be able to use it	82% 4% 12% (41)	20% 40% 40% (5)	91% 0% 8% (36)
5	1.1.6 They should introduce express buses that only stop in major hubs to transport people can move faster from a to b	45% 25% 30% (40)	0% 80% 20% (5)	51% 17% 31% (35)
6	1.1.7 Public transport on rural areas in Norrbotten work good as it is	2% 82% 14% (35)	25% 25% 50% (4)	0% 90% 9% (31)
7	1.1.8 Train services in Norrbotten must become more predictable (be on time) to more people will want to use it	92% 0% 7% (39)	80% 0% 20% (5)	94% 0% 5% (34)
8	1.1.9 It requires a rethink in public transport planning - it does not need to be expanded, but instead become more flexible	64% 8% 27% (37)	40% 20% 40% (5)	68% 6% 25% (32)
9	1.1.10 You should be able to go on the same ticket with several different public transport operators	91% 0% 8% (37)	40% 0% 60% (5)	100% 0% 0% (32)
10	1.1.11 Public transport should stop at more places in rural areas in Norrbotten so that more people can use it	82% 5% 12% (40)	20% 40% 40% (5)	91% 0% 8% (35)
11	1.1.12 They should introduce express buses that only stop in major hubs and for people can move faster from a to b	40% 35% 25% (40)	0% 80% 20% (5)	45% 28% 25% (35)
12	1.1.13 Public transport should not enable travel not only to work, but also to leisure activities and everyday chores	84% 10% 5% (38)	20% 40% 40% (5)	93% 6% 0% (33)
13	1.1.14 Public transport should prioritising commuting to and from work instead of travelling to leisure activities and everyday chores	11% 60% 28% (35)	25% 0% 75% (4)	9% 67% 22% (31)
14	1.2 Increase housing construction and attractiveness of rural areas: 1.2.1 Housing policy should encourage the development of detached and semi-detached houses in rural areas throughout Norrbotten	87% 7% 5% (39)	60% 20% 20% (5)	91% 5% 2% (34)
15	1.2.2 Housing policy should favour large-scale housing projects in the urban centres of Norrbotten areas/capital cities and towns	14% 55% 29% (34)	0% 50% 50% (4)	16% 56% 26% (30)
16	1.2.3 The municipality should buy up plots and build neighbourhoods that are planned for community and social life	65% 15% 20% (40)	0% 60% 40% (5)	74% 8% 17% (35)
17	1.2.4 Increased housing construction is a of the most important components to ensure a just green transition in Norrbotten	65% 26% 7% (41)	20% 60% 20% (5)	72% 22% 5% (36)
18	1.2.5 There is no need to build more housing in Norrbotten	0% 76% 23% (34)	0% 50% 50% (4)	0% 80% 20% (30)
19	1.2.6 There should be requirements for banks that it must lend a certain share to rural areas where it is currently difficult to get loans buy or build	70% 2% 27% (40)	40% 0% 60% (5)	74% 2% 22% (35)
20	1.2.7 There should be no requirements for banks to lend to specific areas, markets should regulate this yourself	14% 60% 25% (35)	25% 25% 50% (4)	12% 64% 22% (31)
21	1.2.8 The government should act as a guarantor and take on some of the risk of loans for to increase housing construction in the area where it is difficult to get loans to build	82% 2% 14% (41)	20% 20% 60% (5)	91% 0% 8% (36)
22	1.2.9 It should be easier to get building permits in scenic areas in rural areas	60% 25% 13% (43)	60% 20% 20% (5)	60% 26% 13% (38)
23	1.2.10 Attractive areas should protected from construction	41% 33% 25% (39)	20% 40% 40% (5)	44% 32% 23% (34)

24	1.2.11 Beach protection must be reviewed to increase housing construction in attractive areas in rural areas	53% 34% 12% (41)	20% 60% 20% (5)	58% 30% 11% (36)
25	1.2.12 Beach protection must be left to protect the environment, biodiversity and access to water for all	50% 32% 17% (40)	0% 75% 25% (4)	55% 27% 16% (36)
26	1.2.13 It should be examined opportunities for innovative ownership as solutions for housing construction on rural areas	81% 2% 15% (38)	40% 20% 40% (5)	87% 0% 12% (33)
27	1.2.14 The focus should be on build cheaper apartment blocks on rural areas	71% 10% 18% (38)	50% 25% 25% (4)	73% 8% 17% (34)
28	1.2.15 We should develop pilot project on housing construction to test economic viability	82% 7% 10% (39)	0% 60% 40% (5)	94% 0% 5% (34)
29	1.2.16 There is a major problem with deserted farms in the countryside in Norrbotten	65% 7% 26% (38)	40% 20% 40% (5)	69% 6% 24% (33)
30	1.2.17 Derelict farms in the countryside are not a problem as it is often family homes that are used some months of the year	8% 58% 32% (34)	25% 25% 50% (4)	6% 63% 30% (30)
31	1.2.18 An inventory should be taken deserted farms in rural areas and explore ways to reduce the number	87% 0% 12% (39)	20% 0% 80% (5)	97% 0% 2% (34)
32	1.2.19 We should create commitment to managing and restoring empty buildings on rural areas	87% 2% 10% (40)	20% 20% 60% (5)	97% 0% 2% (35)
33	1.2.20 Holiday homes are eroding rural areas	21% 52% 26% (38)	0% 75% 25% (4)	23% 50% 26% (34)
34	1.2.21 Holiday homes are important for rural areas	64% 17% 17% (39)	80% 0% 20% (5)	61% 20% 17% (34)
35	1.2.22 There should be a distinction between residential and holiday homes in terms of of taxation	42% 26% 31% (38)	0% 50% 50% (4)	47% 23% 29% (34)
36	1.2.23 Holiday homes are important for rural areas	60% 15% 23% (38)	80% 0% 20% (5)	57% 18% 24% (33)
38	1.2.25 It should be restricted that persons who do not reside in Sweden owns holiday homes	42% 23% 34% (38)	50% 0% 50% (4)	41% 26% 32% (34)
39	1.2.26 It should be made easier for persons residing outside Sweden to buy a holiday home in Sweden	2% 61% 35% (34)	0% 50% 50% (4)	3% 63% 33% (30)
41	1.3 School and health: 1.3.1 Male should enable smaller schools with fewer students of different ages on rural areas	60% 12% 27% (40)	20% 20% 60% (5)	65% 11% 22% (35)
42	1.3.2 Schools should be located primarily in urban areas where you can have larger classes with students in the same age	8% 72% 19% (36)	20% 40% 40% (5)	6% 77% 16% (31)
43	1.3.3 Schools are needed in smaller communities	76% 2% 21% (38)	60% 0% 40% (5)	78% 3% 18% (33)
44	1.3.4 It is not a priority to have remaining schools in small communities	16% 55% 27% (36)	25% 50% 25% (4)	15% 56% 28% (32)
45	1.3.5 Schools should be located primarily in rural and urban children areas should go to them	38% 38% 23% (39)	60% 20% 20% (5)	35% 41% 23% (34)
46	1.3.6 The status of teachers must increase to improve the skills of teachers at rural areas	78% 7% 13% (38)	40% 20% 40% (5)	84% 6% 9% (33)
47	1.3.7 Requirements should be lowered if qualifications for teachers and instead focus on how pedagogical the person is	14% 54% 31% (35)	25% 0% 75% (4)	12% 61% 25% (31)
48	1.3.8 Equal and high quality access to healthcare should be guaranteed for all, regardless of place of residence	95% 2% 2% (40)	80% 0% 20% (5)	97% 2% 0% (35)
49	1.3.9 Health care should be concentrated in urban areas	11% 58% 29% (34)	25% 0% 75% (4)	10% 66% 23% (30)
50	1.3.10 Telemedicine and digital patient care should be prioritised and continue to receive funding and evolve	63% 15% 21% (38)	40% 0% 60% (5)	66% 18% 15% (33)
52	1.3.12 There should be access to both physical and digital healthcare on rural areas	92% 0% 7% (38)	60% 0% 40% (5)	96% 0% 3% (33)
53	1.3.13 The region should offer health centres in smaller communities in Norrbotten	79% 10% 10% (39)	80% 0% 20% (5)	79% 11% 8% (34)

54	1.3.14 Retirement homes should be a point people in rural areas can take simple samples	67% 5% 27% (37)	20% 0% 80% (5)	75% 6% 18% (32)
55	1.3.15 Travelling is not a problem to major cities for sampling where there are more resources	5% 70% 23% (34)	0% 25% 75% (4)	6% 76% 16% (30)
56	1.3.16 There should be more places on rural areas where you can take simpler samples	62% 12% 25% (40)	40% 40% 20% (5)	65% 8% 25% (35)
57	1.4 Mines and exports: 1.4.1 Tax revenues from mining and energy companies in Norrbotten should be collected and distributed by regional authorities (region and municipality)	75% 5% 18% (37)	40% 20% 40% (5)	81% 3% 15% (32)
58	1.4.2 The tax revenue from mining and energy companies should be collected and distributed by the State	44% 33% 22% (36)	25% 50% 25% (4)	46% 31% 21% (32)
59	1.4.3 A campaign should emphasise the contribution of Norrbotten and Västerbotten in the form of energy and exports to reassess how central and southern Sweden northern Sweden	82% 0% 17% (39)	60% 0% 40% (5)	85% 0% 14% (34)
61	2.2 Government should continue to favour large-scale food production	28% 34% 37% (35)	25% 25% 50% (4)	29% 35% 35% (31)
62	2.3 Public authorities should prioritise procurement from local food producers food production	90% 0% 10% (40)	80% 0% 20% (5)	91% 0% 8% (35)
63	2.4 Public authorities should prioritise procurement from industrial food production	8% 61% 29% (34)	0% 25% 75% (4)	10% 66% 23% (30)
64	2.5 Food should be locally produced	89% 0% 10% (39)	80% 0% 20% (5)	91% 0% 8% (34)
65	2.6 The majority of food should be imported	0% 94% 5% (34)	0% 75% 25% (4)	0% 96% 3% (30)
67	2.8 Government should continue to favour large-scale food production	36% 31% 31% (38)	25% 50% 25% (4)	38% 29% 32% (34)
68	2.9 Solar energy should not be a Priority energy source in Norrbotten	28% 52% 18% (38)	50% 0% 50% (4)	26% 58% 14% (34)
69	2.10 Solar energy should be developed and be supported in Norrbotten	59% 23% 16% (42)	20% 60% 20% (5)	64% 18% 16% (37)
70	2.11 Renewable energy should drive means of transport	58% 12% 28% (39)	0% 40% 60% (5)	67% 8% 23% (34)
71	2.12 Transport should continue use fossil fuels	18% 50% 31% (38)	50% 0% 50% (4)	14% 55% 29% (34)
72	2.13 Swedish-owned mineral extraction should continue to expand with strict rules to reduce environmental impact to meet global demand for raw materials	47% 23% 29% (34)	50% 25% 25% (4)	46% 23% 30% (30)
73	2.14 All mineral extraction should severely restricted in Norrbotten to protect local ecosystems and communities	35% 37% 27% (37)	20% 40% 40% (5)	37% 37% 25% (32)
74	2.15 Planned large-scale wind turbines should be set up in Norrbotten	39% 28% 31% (38)	40% 0% 60% (5)	39% 33% 27% (33)
75	2.16 More wind turbines should be built in Norrbotten	23% 52% 23% (34)	0% 75% 25% (4)	26% 50% 23% (30)
77	2. Land use and energy: 2.1 Local food producers should receive public incentives and support	94% 0% 5% (39)	60% 0% 40% (5)	100% 0% 0% (34)
92	Young people want to be involved in society and therefore need to be included in social development.	100% 0% 0% (36)	100% 0% 0% (3)	100% 0% 0% (33)
93	Young people long for investment there they live and therefore need to be involved in the development of society.	94% 0% 5% (34)	66% 0% 33% (3)	96% 0% 3% (31)
94	The urban norm needs challenged - young people need to be able to choose to live and work throughout Norrbotten	97% 0% 2% (34)	100% 0% 0% (3)	96% 0% 3% (31)
96	The indigenous perspective should be emphasised clearer.	48% 30% 21% (33)	33% 66% 0% (3)	50% 26% 23% (30)
97	The child perspective and child participation are important for sustainability. Children/young people must have access to influence in policy documents such as RUS	71% 7% 21% (28)	50% 50% 0% (2)	73% 3% 23% (26)
98	Civil society needs to be let into the strategic regional cooperation. Become a	92% 3% 3% (26)	100% 0% 0% (2)	91% 4% 4% (24)

	as natural a partner as the business community			
99	More early intervention for equal life chances for children is needed. The needs to be done in co-operation between municipalities, regions and civil society	84% 7% 7% (26)	50% 50% 0% (2)	87% 4% 8% (24)
100	Conduct child impact assessments in all decisions at local and regional level	66% 7% 25% (27)	50% 0% 50% (2)	68% 8% 24% (25)
101	Regulatory framework for the construction of permanent housing in coastal areas areas, on/near agricultural land etc. should be reviewed and facilitated in northern Sweden.	72% 18% 9% (22)	100% 0% 0% (1)	71% 19% 9% (21)
102	Can't you build standards apartments for people to afford to live, it must always be luxury	80% 0% 20% (20)	0% 0% 0% (0)	80% 0% 20% (20)
103	if you sell your farm, you should you can subdivide a plot even though it is agricultural land because then someone can others to farm instead	76% 0% 23% (21)	0% 0% 0% (0)	76% 0% 23% (21)
105	Rural entrepreneurship needs more support, children need a schooling, the elderly need to meet each other. We need each other.	94% 0% 5% (18)	0% 0% 0% (0)	94% 0% 5% (18)
106	biggest chance for Norrbotten to is to promote our beautiful countryside in a project together with neighbouring municipalities.	57% 7% 35% (14)	0% 0% 0% (0)	57% 7% 35% (14)
109	Yes, and other national minorities' perspective. We need a better model for coexistence	70% 10% 20% (10)	0% 0% 0% (0)	70% 10% 20% (10)
112	Rail public transport does not work well in Malmfälten & to/from Malmfälten/coast for work & healthcare	50% 0% 50% (10)	0% 0% 0% (0)	50% 0% 50% (10)
113	In the Ore Fields we need diversified accommodation	50% 0% 50% (10)	0% 0% 0% (0)	50% 0% 50% (10)
114	The Kiruna bus model should be able to to be extended to rail transport	44% 11% 44% (9)	0% 0% 0% (0)	44% 11% 44% (9)
116	There must be a physical bank in each municipality that you can visit for small and large cases.	55% 22% 22% (9)	0% 0% 0% (0)	55% 22% 22% (9)
117	Apartment block owners must install charging points to enable more can buy an electric car.	40% 20% 40% (10)	0% 0% 0% (0)	40% 20% 40% (10)
119	Congestion tax for those living in big cities - a surcharge on tax used in the North for sustainable development.	55% 22% 22% (9)	0% 0% 0% (0)	55% 22% 22% (9)
121	It would be easier to run a small-scale farm. sell milk,meat,eggs from the farm to individuals who want to consume locally	85% 0% 14% (7)	0% 0% 0% (0)	85% 0% 14% (7)
123	The state should be responsible for our schools so that all municipalities can offer the same level of training also in rural and remote areas.	100% 0% 0% (1)	0% 0% 0% (0)	100% 0% 0% (1)

2.2. Pol.is in Katowice

2.2.1. Pol.is input

2.2.1.1. Input WS3: Exemplary draft seed statements

Table 8 presents the SS introduced in workshop 3 (WS3). Additional information about SS concerns:

- **Original statements** are highlighted in **bold.** Is the statement an original SS or a nuanced version?
- **Related TC aspects:** SSs are composed of relations between TC aspects — this column lists the key TC aspects addressed in the statement.
- **Preferred future (PF)**: Is at least one of the TC aspects mentioned in LECs' preferred futures?
- **Policy relevance (PR):** Is at least one of the TC aspects mentioned in policies?
- **Groundedness** / importance for communities **(G)**: Has at least one of the TC aspects a high degree of groundedness in community futures (based on WS2 analyses)?
- **Mirror statement (M)**: Is the statement a 'mirror' of an original SS? This as opposed to an original SS.

Table 10 Katowice / Input WS3: Exemplary draft seed statements

#	Seed statement Input WS3	Related TC aspects	PF	PR	G	M
	Case study region: Katowice					
1	**Revitalization of post-industrial areas without the participation of the local community makes sense because it is faster and more efficient.**	Industrial heritage			x	x
2	Revitalization of post-industrial areas with the participation of the local community is necessary because it better meets social needs.	Industrial heritage	x		x	
3	**The industrial heritage of the region is the driving force behind new development processes in Silesia**	Industrial heritage	x	x	x	
4	The industrial heritage of Silesia hinders the development of new businesses in the region.	Industrial heritage			x	x
5	**It is better to demolish old post-industrial buildings and start all over again**	Industrial heritage			x	
6	It is better to leave, renovate and maintain old post-industrial buildings so that they reflect the industrial DNA of the region.	Industrial heritage	x		x	x
7	**Universities should create educational programmes that meet the needs of the future.**	Education	x	x	x	
8	Knowledge acquired at universities is useful in practice and allows for a broader perspective on the issues of transformation in the region.	Education			x	x
9	**Silesia will be well-recognized thanks to its renowned universities, just as Silicon Valley will be thanks to technology.**	Education	x	x	x	
10	Universities will not play a significant role in building the Silesian brand or improving the region's recognition.	Education			x	x
11	**Job prospects in Silesia will be very good – young people will be attracted to the region.**	Jobs and reskilling	x	x	x	
12	The lack of promising job opportunities in Silesia will force many young people to move to cities such as Kraków, Wrocław or Warsaw.	Jobs and reskilling			x	x
13	**Changing careers at age 40+ is the new norm.**	Jobs and reskilling		x	x	
14	Jobs for people aged 40+ should be particularly protected.	Jobs and reskilling	x		x	x
15	**The use of AI in the workplace will result in people spending more time on creative work rather than on routine, repetitive tasks as in automated production.**	Jobs and reskilling			x	

#	Seed statement Input WS3	Related TC aspects	PF	PR	G	M
16	Artificial intelligence will not change labor markets where manual labor is required.	Jobs and reskilling			x	x
17	**Helping communities adapt to change comes down to the creativity and determination of ordinary people.**	Jobs and reskilling			x	
18	Helping communities adapt to change requires support from the city, region and state.	Jobs and reskilling	x		x	x
19	**The energy transformation in Silesia should be fast and radical – there should be a quick transition to new industries and a new image of Silesia.**	Energy transition			x	
20	The energy transformation in Silesia should be gradual and evolutionary – traditional industries should be phased out in a balanced manner.	Energy transition	x		x	x
21	**Funding and support for the energy transition is available and distributed in an equitable manner ensuring that everyone in Silesia affected by the changes in mining and traditional industries receives appropriate assistance.**	Energy transition	x		x	
22	Financing and support for the transformation is not easily available and does not apply to everyone in Silesia who experiences the costs of phasing out mining and other traditional industries.	Energy transition		x	x	x
23	**Energy obtained from renewable energy sources will ensure grid stability and energy security.**	Energy transition			x	x
24	Energy obtained from renewable energy sources will not ensure grid stability and energy security.	Energy transition		x	x	x
25	**Creating a Metropolis can strengthen regional identity and support transformation – together cities can be stronger.**	Metropolisation	x	x	x	
26	Creating one strong city from the cities forming the Metropolis (GZM) will not accelerate the transformation and will not help in sustainable transformation and strengthening the regional identity.	Metropolisation			x	x
27	**New investments in public transport, public spaces, sports and recreational infrastructure are necessary to create new paths of economic development of the cities forming the GZM.**	Metropolisation	x	x	x	
28	Only business investments are the generator of economic development of the cities that make up the GZM.	Metropolisation	x	x	x	x
29	**Silesia has a clear development vision and a transformation road map.**	Energy transition	x		x	
30	There is no comprehensive development vision and road map for Silesia after the phasing out of mining.	Energy transition		x	x	x

2.2.1.2. Output WS3: Seed statements

Table 9 shows the updated list SS after workshop 3 (WS3). Additional columns indicate if a statement is new (N) or has been significantly modified or moderated out (MO). Additional information describing the nature of statements concerns:

- **Original statements** are highlighted in **bold.** Is the statement an original SS or a nuanced version?
- **Related TC aspects:** SSs are composed of relations between TC aspects — this column lists the key TC aspects addressed in the statement.
- **Preferred future (PF):** Is at least one of the TC aspects mentioned in LECs' preferred futures?
- **Policy relevance (PR)**: Is at least one of the TC aspects mentioned in policies?
- **Groundedness**/importance for communities **(G)**: SS refers to at least one TC aspect with a high degree of groundedness in community futures (based on WS2 analyses).
- **Mirrored statement (M)**: Is the statement a 'mirror' of an original SS? This as opposed to an original SS.
- **New statement (N):** Is the statement new? This as opposed to a SS that has served as input to WS3.
- **Moderated out (MO):** Statement which was moderated out or significantly modified by participants in WS3.

Table 11 Katowice / Output WS3 Seed statements

#	Seed statement Output WS3	Related TC aspects	PF	PR	G	M	N	MO
	Case study region: Katowice							
1	**Revitalising brownfield sites in Silesia without community consultation makes sense because it is more efficient.**	Industrial heritage			x	x		
2	Revitalisation of brownfield sites in Silesia must involve the local community.	Industrial heritage	x		x			
3	**Industrial heritage drives the development of Silesia.**	Industrial heritage	x	x	x			
4	Industrial heritage hinders the development of Silesia.	Industrial heritage			x	x		
5	**Better to demolish the old post-industrial buildings in Silesia and start all over again.**	Industrial heritage			x			
6	It is better to fund the renovation and maintenance of old post-industrial buildings that bear witness to Silesia's industrial past.	Industrial heritage	x		x	x		
7	**Universities must create educational programmes that respond solely to the future needs and transition of Silesia.**	Education	x	x	x			
8	Only the knowledge gained at universities is practically useful.	Education			x	x		
9	**Silesia has the potential to become recognised through its renowned universities, just as Silicon Valley is known for technology.**	Education	x	x	x			
10	Universities will not play a significant role in building the Silesian brand.	Education			x	x		
11	**Job prospects in Silesia will improve due to the region's growing potential - young people will be attracted to stay or return.**	Jobs and reskilling	x	x	x			
12	Young people will be able to find better jobs and a better life in other regions or abroad.	Jobs and reskilling			x	x		
13	**Changing professions after the age of 40 will become a new life necessity.**	Jobs and reskilling		x	x			
14	Jobs for people aged 40+ should be especially protected.	Jobs and reskilling	x		x	x		
15	**The use of artificial intelligence will eliminate routine tasks at work.**	Jobs and reskilling			x			
16	Artificial intelligence will not cause significant changes in labour markets.	Jobs and reskilling			x	x		
17	**The determination of ordinary people is enough to initiate and implement change.**	Jobs and reskilling			x			
18	Support from the city, region, or state is essential when a community is engaged in adapting to change.	Jobs and reskilling	x		x	x		
19	**The energy transition in Silesia must be radical in order to create a new image for the region.**	Energy transition			x			
20	The energy transition in Silesia must be gradual, as traditional industries should be phased out in a balanced way.	Energy transition	x		x	x		
21	**Funding and support for the energy transition are available and distributed fairly, ensuring that everyone in Silesia affected by changes in mining and traditional industries receives appropriate assistance.**	Energy transition	x		x			
22	Funding and support for the transition are not easily accessible and do not reach everyone in Silesia who bears the cost of phasing out mining and other traditional industries.	Energy transition		x	x	x		
23	**Renewable energy, combined with the use of industrial (post-mining) infrastructure, will ensure energy security.**	Energy transition	x		x			
24	Renewable energy will not ensure energy security.	Energy transition		x	x	x		
25	**Together, the cities of the GZM (Metropolitan Association) can be stronger in the transition as a mega-city without losing their individual identities.**	Metropolisation	x	x	x			
26	Creating one strong city from the cities forming the GZM will neither accelerate the transition nor strengthen regional identity.	Metropolisation			x	x		
27	**Only new public investments (kindergartens, schools, sports fields, public transport, etc.) are**	Metropolisation	x	x	x			

#	Seed statement Output WS3	Related TC aspects	PF	PR	G	M	N	MO
	essential for the development and transition of the cities within the GZM.							
28	Only business investments are the driving force behind the development and transition of the cities within the GZM.	Metropolisation	x	x	x	x		
29	**Silesia has a clear vision for development and sustainable transition after the phasing out of heavy industry.**	Metropolisation	x		x			
30	There is no comprehensive vision for Silesia's development and transition after the mining sector phasing out.	Metropolisation		x	x	x		

2.2.1.3. Final Pol.is input

Table 10 lists the SS which served as final input for Pol.is. Column (N) indicates whether a statement is new, and column (MO) indicates whether a statement was moderated out or significantly amended based either on discussions from WS3 or according to Pol.is guidelines for formulating SS. Additional information about the statements concerns:

- **Original statements** are highlighted in **bold.** Is the statement an original SS or a nuanced version?
- **Related TC aspects:** SSs are composed of relations between TC aspects — this column lists the key TC aspects addressed in the statement.
- **Preferred future (PF):** Is at least one of the TC aspects mentioned in LECs' preferred futures?
- **Policy relevance (PR)**: Is at least one of the TC aspects mentioned in policies?
- **Groundedness** / importance for communities **(G)**: SS refers to at least one TC aspect with a high degree of groundedness in community futures (based on WS2 analyses).
- **Mirrored statement (M)**: Is the statement a 'mirror' of an original SS? This as opposed to an original SS.
- **New statement (N):** Is the statement new? This as opposed to a SS that has served as input to WS3.
- **Moderated out (MO):** Statement which was moderated out or significantly modified by participants in WS3.

Table 12 Katowice/ Final Pol.is input

#	Seed statement Final Pol.is input	Related TC aspects	PF	PR	G	M	N	MO
	Case study region: Katowice							
1	**Revitalising brownfield sites in Silesia without community consultation makes sense because it is more efficient.**	Industrial heritage			x	x		
2	Revitalisation of brownfield sites in Silesia must involve the local community.	Industrial heritage	x		x			
3	**Industrial heritage drives the development of Silesia.**	Industrial heritage	x	x	x			
4	Industrial heritage hinders the development of Silesia.	Industrial heritage			x	x		
5	**Better to demolish the old post-industrial buildings in Silesia and start all over again.**	Industrial heritage			x			
6	It is better to fund the renovation and maintenance of old post-industrial buildings that bear witness to Silesia's industrial past.	Industrial heritage	x	x	x	x		
7	**Universities must create educational programmes that respond solely to the future needs and transition of Silesia.**	Education	x	x	x			
8	Only the knowledge gained at universities is practically useful.	Education			x	x		

#	Seed statement Final Pol.is input	Related TC aspects	PF	PR	G	M	N	MO
9	**Silesia has the potential to become recognised through its renowned universities, just as Silicon Valley is known for technology.**	Education	x	x	x			
10	Universities will not play a significant role in building the Silesian brand.	Education			x	x		
11	**Job prospects in Silesia will improve due to the region's growing potential - young people will be attracted to stay or return.**	Jobs and reskilling	x	x	x			
12	Young people will be able to find better jobs and a better life in other regions or abroad.	Jobs and reskilling			x	x		
13	**Changing careers at 40+ will be a new necessity in life.**	Jobs and reskilling		x	x			
14	Jobs for people aged 40+ should be especially protected.	Jobs and reskilling	x		x	x		
15	**The use of artificial intelligence will eliminate routine tasks at work.**	Jobs and reskilling			x			
16	Artificial intelligence will not cause significant changes in labour markets.	Jobs and reskilling			x	x		
17	**The determination of ordinary people is enough to initiate and implement change.**	Jobs and reskilling			x			
18	Assistance from the city, region, state is essential when the community is involved in adapting to change.	Jobs and reskilling	x		x	x		
19	**The energy transition in Silesia must be radical in order to create a new image for the region.**	Energy transition			x			
20	The energy transition in Silesia must be long-term, as traditional industries must be phased out in a balanced way.	Energy transition	x		x	x		
21	**Funding and support for the energy transition is available and distributed in an equitable manner ensuring that everyone in Silesia affected by the changes in mining and traditional industries receives appropriate assistance.**	Energy transition	x		x			
22	Funding and support for the transition is not readily available and does not apply to everyone in Silesia who is experiencing the costs of extinguishing mining and other traditional industries.	Energy transition		x	x	x		
23	**Renewable energy together with the use of industrial (post-mining) infrastructure will ensure energy security.**	Energy transition	x	x	x			
24	Energy from renewable sources will not ensure energy security.	Energy transition		x	x	x		
25	**Together, the GZM cities can be stronger in their transformation as a mega-city without losing their identity.**	Metropolisation	x	x	x			
26	The creation of a single strong city from the cities that make up the GMC will not accelerate the transformation and strengthen regional identity.	Metropolisation			x	x		
27	**Only new public investments (kindergartens, schools, playgrounds, public transport, etc.) are necessary for the development and transformation of the cities forming the GZM.**	Metropolisation	x	x	x			
28	Only business investment is a generator of development and transformation of the cities that make up the GZM.	Metropolisation	x	x	x	x		
29	**Silesia has a clear vision for development and sustainable transition after the phasing out of heavy industry.**	Metropolisation	x		x			
30	There is no overall vision for the development and transformation of Silesia after the phasing out of mining.	Metropolisation		x	x	x		

2.2.2. Pol.is information campaign

- Summary channels used
- Summary promotional material used
- Summary target audiences reached (estimation)

Table 13 Katowice / Used communication channels

Target audience	Distribution channel / media	Practical information
Please list the group that you want to reach via the channel here. Please also add an estimated amount of persons reached in brackets. For example: 'Retired miners (ca. 50)' or 'Youth in higher education, between 15 and 25, male and female (50)'	Please list the distribution channel / media here, for example: 'Poster', or 'Social media post on Facebook'	Please add practical information on the distribution channel such as contact details or location here. This can be, for example, and address of a meeting place, the contact of the person who needs to be asked for permission when hanging a poster, or the contact details of a member of a social media group.
Channels to reach LECs These channels can be used to reach LECs in case study regions. They can include, for example, channels made available via DUST societal RFLL partner, and CCN members in RFLL regions.		
Youth	27.04.2025 First news on the Faculty's website about the Transformatorium (Pol.is)	Preliminary information about the Transformatorium (Pol.is and DUST project) Faculty of Spatial Economy and Regions in Transition, University of Economics in Katowice (prepared by Adrian Widuch)
Youth (but also their relatives)	28.04.2025 Mailing to 720 students on	Preliminary information about the Transformatorium (Pol.is and DUST project) The following fields of study at the University of Economics in Katowice were covered by mailing: Urban Economics & Real Estate; Spatial Economics, Logistics, Public Management (Adam Drobniak)
Youth (but also their relatives)	30.04.2025 Second news on the Faculty's website about the Transformatorium (Pol.is)	Invitation to participate in the Transformatorium (Pol.is) Faculty of Spatial Economy and Regions in Transition, University of Economics in Katowice (prepared by Adrian Widuch)
Youth (but also their relatives)	30.04.2025 Mailing to 720 students on	Invitation to participate in the Transformatorium (Pol.is) The following fields of study at the University of Economics in Katowice were covered by mailing: Urban Economics & Real Estate; Spatial Economics, Logistics, Public Management (Adam Drobniak)
Youth	05.05.2025 Announcement about the Transformatorium during lectures (Adam Drobniak) to around 50 students	The announcement covered the students from 2 field of study: Urban Economics and Real Estate (1st year of the 2nd level) and Logistics (3rd year of 1st level)
Youth (but also their relatives)	10.05.2025 Third news on the Faculty's website about the Transformatorium (Pol.is)	Reminder to participate in the Transformatorium (Pol.is) Faculty of Spatial Economy and Regions in Transition, University of Economics in Katowice (prepared by Adrian Widuch)
Youth (but also their relatives)	11.05.2025 Mailing to 720 students	Reminder to participate in the Transformatorium (Pol.is) The following fields of study at the University of Economics in Katowice were covered by mailing: Urban Economics & Real Estate; Spatial Economics, Logistics, Public Management (Adam Drobniak)
Youth	12.05.2025 Announcement about the Transformatorium during lectures (Adam Drobniak) to around 50 students	The announcement covered the students from 2 field of study: Urban Economics and Real Estate (1st year of the 2nd level) and Logistics (3rd year of 1st level)
Youth	21.05.2025 Conference 'Economy without borders' (about 200 on-site recipients)	Information about the Transformatorium (Pol.is) was disseminated during the opening lecture about Green Deal and its impact on Silesian's economy (delivered by Adam Drobniak)
Miners	15.05.2025 Meeting of KADRA Trade Unions heads/leaders from units of coal mines in the Silesia (about 50 attendees)	with the focus on Katowicki Coal Region (Grzegorz Trefon)
Miners and retirees (seniors)	15.05.2025 Mailing to 50 heads/leaders of KADRA Trade Unions units from coal mines of the Silesia	with the focus on Katowicki Coal Region (Grzegorz Trefon)

Target audience	Distribution channel / media	Practical information
Youth	19.05.2025 Announcement about the Transformatorium during lectures (Adam Drobniak) to around 50 students	The announcement covered the students from 2 field of study: Urban Economics and Real Estate (1st year of the 2nd level) and Logistics (3rd year of 1st level)
Youth	26.05.2025 Announcement about the Transformatorium during lectures (Adam Drobniak) to around 50 students	The announcement covered the students from 2 field of study: Urban Economics and Real Estate (1st year of the 2nd level) and Logistics (3rd year of 1st level)
Youth (but also their relatives)	17.05.2025 Fourth news on the Faculty's website about the Transformatorium (Pol.is)	Reminder to participate in the Transformatorium (Pol.is) Faculty of Spatial Economy and Regions in Transition, University of Economics in Katowice (prepared by Adrian Widuch)
Youth (but also their relatives)	18.05.2025 Mailing to 720 students	Reminder to participate in the Transformatorium (Pol.is) The following fields of study at the University of Economics in Katowice were covered by mailing: Urban Economics & Real Estate; Spatial Economics, Logistics, Public Management (Adam Drobniak)
Youth (but also their relatives)	27.05.2025 Last (fifth) news on the Faculty's website about the Transformatorium (Pol.is)	Reminder and thanks for participate in the Transformatorium (Pol.is) Faculty of Spatial Economy and Regions in Transition, University of Economics in Katowice (prepared by Adrian Widuch)
Youth (but also their relatives)	28.05.2025 Mailing to 720 students	Reminder and thanks for participating in the Transformatorium (Pol.is) The following fields of study at the University of Economics in Katowice were covered by mailing: Urban Economics & Real Estate; Spatial Economics, Logistics, Public Management (Adam Drobniak)
Channels to reach other population groups in case study region These channels can be used to reach other population groups in case study regions. Please list divers channels to reach divers groups.		
Broad audience	25.04.2025 Short announcement about the Transformatium within the panel discussion focused on 'post-mining areas' with the European Economic Congress in Katowice (Adam Drobniak) around 100 recipients on-site (and another 200 on-line - assessment)	Preliminary information and invitation to participate in the Transformatorium (Pol.is)
Broad audience	28.04.2025 LinkedIn (Adam Drobniak) – first news to around 550 respondents	Preliminary information about the Transformatorium (Pol.is) linked with the first news about Transformatorium placed on the Faculty webpage
Policy-makers, decision makers	30.04.2025 Mailing to 160 VIPs from the Silesia	Invitation to participate in the Transformatorium (Pol.is) and to spread the information about the survey (Adam Drobniak)
Broad audience	28.04.2025 LinkedIn (Adam Drobniak) – second news to around 550 respondents	Invitation to participate in the Transformatorium (Pol.is) linked with the second news about Transformatorium placed on the Faculty webpage
Policy-makers, decision makers	11.05.2025 Mailing to 160 VIPs from the Silesia	Reminder to participe in the Transformatorium (Pol.is) and to spread the information about the survey (Adam Drobniak)
Broad audience	11.05.2025 LinkedIn (Adam Drobniak) – third news to around 550 respondents	Reminder to participate in the Transformatorium (Pol.is) linked with the third news about Transformatorium placed on the Faculty webpage
Broad audience (including youth, seniors, families)	11.05.2025 Mailing to 42 employees of Faculty of spatial Economy and Regions in Transition (University of Economics in Katowice)	Invitation to participate in the Transformatorium (Pol.is) and to disseminate the information about the Transformatorium to students, families, seniors, relatives, etc. (Adam Drobniak)
Policy-makers, decision makers	18.05.2025 Mailing to 160 VIPs from the Silesia	Reminder to participe in the Transformatorium (Pol.is) (Adam Drobniak)
Broad audience	11.05.2025 LinkedIn (Adam Drobniak) – fourth news to around 550 respondents	Reminder to participate in the Transformatorium (Pol.is) linked with the

Target audience	Distribution channel / media	Practical information
		fourth news about Transformatorium placed on the faculty webpage
Policymakers, decision makers	28.05.2025 Mailing to 160 VIPs from the Silesia	Reminder and thanks for participating in the Transformatorium (Pol.is) (Adam Drobniak)
Broad audience	28.05.2025 LinkedIn (Adam Drobniak) – last / fifth news to around 550 respondents	Reminder and thanks for participating in the Transformatorium (Pol.is) linked with the fifth news about Transformatorium placed on the faculty webpage
Channels to reach online discussion groups Once the Pol.is deliberation is launched, it is important to share the link immediately with relevant online discussion groups that can kick-start deliberation. These groups have a vested interest in the Pol.is deliberation and operate on, for example, WhatsApp, Signal, or Telegram.		
Regionalist community	05.05.2025 Social media post on Facebook group Jak bydzie we Ślōnsku – silezjawka [1331 members]	First post in the group, aimed at introducing Transformatorium.
Regionalist community	05.05.2025 Social media post on Facebook group Fajny Ślōnsk dlo fajnych ludzi [449 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Piotrowice residents	05.05.2025 Social media post on Facebook group Nasze Piotrowice ;) [11 022 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Brynów residents	06.05.2025 Social media post on Facebook group Katowice-Brynów [6025 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Chorzów residents	07.05.2025 Social media post on Facebook group Kocham Chorzów [28 566 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Podlesie and Zarzecze [both in Katowice] residents	07.05.2025 Social media post on Facebook group Podlesie - Zarzecze [10 235 members]	First post in the group, aimed at introducing Transformatorium.
Youth, music community	08.05.2025 Social media post on Facebook group AM Katowice [2934 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Brynów residents	08.05.2025 Social media post on Facebook group Brynów [3784 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Katowice Śródmieście residents	08.05.2025 Social media post on Facebook group Katowice Śródmieście [3438 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Kostuchna residents	08.05.2025 Social media post on Facebook group Kostuchna [2296 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Kostuchna residents	08.05.2025 Social media post on Facebook group Kostuchna [4236 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Ligota residents	08.05.2025 Social media post on Facebook group Ligota [21 644 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Katowice residents	08.05.2025 Social media post on Facebook group Ligota Panewniki Piotrowice Ochojec Reklama [6693 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Osiedle Witosa in Katowice residents	08.05.2025 Social media post on Facebook group Osiedle Witosa Katowice - Moje osiedle nie jest mi obojętne [5542 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Osiedle Witosa in Katowice residents	08.05.2025 Social media post on Facebook group Osiedle Witosa oczami mieszkańców [1870 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Piotrowice and Ochojec residents	08.05.2025 Social media post on Facebook group Piotrowice i Ochojec – ogłoszenia [17 398 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Zawodzie residents	08.05.2025 Social media post on Facebook group Zawodzie jest w modzie! [4344 members]	First post in the group, aimed at introducing Transformatorium.

Target audience	Distribution channel / media	Practical information
Broad audience of Panewniki residents	09.05.2025 Social media post on Facebook group Panewniki / Panewniki Stare [1857 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Chełm Śląski residents	12.05.2025 Social media post on Facebook group Chełm Śląski na Facebooku [782 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Imielin residents	12.05.2025 Social media post on Facebook group Imielin. Forum dyskusyjne. [2825 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Ligota and Panewniki residents	12.05.2025 Social media post on Facebook group Ligota Panewniki – tu żyjemy otwarci na świat [6892 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Wyry residents	12.05.2025 Social media post on Facebook group Nasze Wyry – grupa dyskusyjna [1938 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Psary and Będzin residents	12.05.2025 Social media post on Facebook group Ogłoszenia - Gmina Psary powiat będziński [5521 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Sośnicowice residents	12.05.2025 Social media post on Facebook group Sośnicowice – ogłoszenia [3605 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Bojszowy residents	12.05.2025 Social media post on Facebook group Spotted Bojszowy [4744 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Siewierz residents	12.05.2025 Social media post on Facebook group Spotted Siewierz [1479 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Tychy and Lędziny residents	12.05.2025 Social media post on Facebook group Tyszanie na Facebooku, Lędziny na Facebooku , Śląsk na Fac [13 459 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Świerklaniec, Ożarowice, Miasteczko and Mierzęcice residents	12.05.2025 Social media post on Facebook group Świerklaniec Ożarowice Miasteczko Mierzęcice kupie sprzedam Tarnowskie Gó❤️ [2752 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Świerklaniec residents	12.05.2025 Social media post on Facebook group Świerklaniec-Kupię-Sprzedam-Zamienię [6908 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Żernica, Nieborowice and Pilchowice residents	12.05.2025 Social media post on Facebook group Żernica / Nieborowice - Gmina Pilchowice [1398 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Giszowiec residents	13.05.2025 Social media post on Facebook group Giszowiec [4616 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Zbrosławice residents	13.05.2025 Social media post on Facebook group Zbrosławice - Społeczność mieszkańców gminy [1262 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Świerklaniec residents	16.05.2025 Social media post on Facebook group Świerklaniec - Społeczność mieszkańców gminy [2501 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience Bojszowy, Tychy, Bieruń and Pszczyna residents	19.05.2025 Social media post on Facebook group Bojszowy, Tychy, Bieruń, Pszczyna I okolice ogłoszenia. [14 786 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Brynów residents	19.05.2025 Social media post on Facebook group Brynów i okolice [3977 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Chełm Śląski residents	19.05.2025 Social media post on Facebook group Chełm Śląski na Facebooku [782 members]	Reminder post in the group, aimed at gathering more participants.

Target audience	Distribution channel / media	Practical information
Broad audience of Janów, Nikiszowiec and Korea residents	19.05.2025 Social media post on Facebook group Forum Mieszkańców Janowa, Nikiszowca i Korei [3415 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Giszowiec residents	19.05.2025 Social media post on Facebook group Giszowiec [4616 members]	Reminder post in the group, aimed at gathering more participants.
Broad audience of Giszowiec residents	19.05.2025 Social media post on Facebook group Giszowiec Katowice - grupa mieszkańców i sympatyków Giszowca [5037 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience Bojszowy commune residents	19.05.2025 Social media post on Facebook group Gmina Bojszowy, ratujemy śląskie historie [1638 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Gierałtowice commune residents	19.05.2025 Social media post on Facebook group Gmina Gierałtowice - Ogłoszenia, Praca, Kupię, Sprzedam, Zamienię [5112 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Pilchowice commune residents	19.05.2025 Social media post on Facebook group Gmina Pilchowice- sprzedam, kupię, oddam, zamienię [1389 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Imielin residents	19.05.2025 Social media post on Facebook group Imielin. Forum dyskusyjne. [2825 members]	Reminder post in the group, aimed at gathering more participants.
Broad audience of Wojkowice residents	19.05.2025 Social media post on Facebook group Jestem z Wojkowic! [8789 members]	First post in the group, aimed at introducing Transformatorium.
Regionalist community	19.05.2025 Social media post on Facebook group Jestem Ślązakiem – dyskusje o regionie [2066 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Katowice residents	19.05.2025 Social media post on Facebook group Katowice Podlesie- Zarzecze -Kostuchna-Bażantowo. Grupa lokalnego wsparcia [1841 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Katowice Śródmieście residents	19.05.2025 Social media post on Facebook group Katowice Śródmieście [3438 members]	Reminder post in the group, aimed at gathering more participants.
Broad audience of Katowice residents	19.05.2025 Social media post on Facebook group Katowice Piotrowice Kostuchna Murcki Podlesie Zarzecze [7902 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Koszutka residents	19.05.2025 Social media post on Facebook group Koszutka – porozmawiajMY [2351 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Brynów residents	19.05.2025 Social media post on Facebook group Katowice-Brynów [6025 members]	Reminder post in the group, aimed at gathering more participants.
Broad audience of Kostuchna residents	19.05.2025 Social media post on Facebook group Kostuchna [2296 members]	Reminder post in the group, aimed at gathering more participants.
Broad audience of Kostuchna residents	19.05.2025 Social media post on Facebook group Kostuchna [4236 members]	Reminder post in the group, aimed at gathering more participants.
Broad audience of Ligota residents	19.05.2025 Social media post on Facebook group Ligota [21 644 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Katowice residents	19.05.2025 Social media post on Facebook group Ligota Panewniki Piotrowice Ochojec Reklama [6693 members]	Reminder post in the group, aimed at gathering more participants.
Broad audience of Lędziny residents	19.05.2025 Social media post on Facebook group Lędziny – Ogłoszenia | Praca | Kupię | Sprzedam | Zamienię [5142 members]	First post in the group, aimed at introducing Transformatorium.

Target audience	Distribution channel / media	Practical information
Broad audience of Rudziniec residents	19.05.2025 Social media post on Facebook group Mieszkańcy Gminy Rudziniec [2969 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Orzesze residents	19.05.2025 Social media post on Facebook group Mieszkańcy Orzesza [15 157 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Zagłębie residents	19.05.2025 Social media post on Facebook group NASZE KOCHANE ZAGŁĘBIE-SOSNOWIEC DĄBROWA GÓRN. BĘDZIN CZELADŹ SŁAWKÓW [3887 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Wyry residents	19.05.2025 Social media post on Facebook group Nasze Wyry – grupa dyskusyjna [1938 members]	Reminder post in the group, aimed at gathering more participants.
Broad audience of Psary and Będzin residents	19.05.2025 Social media post on Facebook group Ogłoszenia - Gmina Psary powiat będziński [5521 members]	Reminder post in the group, aimed at gathering more participants
Broad audience of Przyszowice, Gierałtowice, Chudów and Paniówki residents	19.05.2025 Social media post on Facebook group OGŁOSZENIA - Przyszowice, Gierałtowice, Chudów, Paniówki [807 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Bieruń residents	19.05.2025 Social media post on Facebook group Ogłoszenia Bieruń [19 429 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Pszczyna, Goczałkowice-Zdrój, Kobiór, Miedźna and Pawłowice residents	19.05.2025 Social media post on Facebook group Ogłoszenia Pszczyna / Goczałkowice-Zdrój / Kobiór / Miedźna / Pawłowice [7923 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Orzesze, Gostyń, Wyry and Kobiór residents	19.05.2025 Social media post on Facebook group Orzesze.Gostyn.Wyry.Kobior sprzedam-kupię,usługi [8331 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Panewniki residents	19.05.2025 Social media post on Facebook group Panewniki / Panewniki Stare [1857 members]	Reminder post in the group, aimed at gathering more participants
Broad audience of Piotrowice and Ochojec residents	19.05.2025 Social media post on Facebook group Piotrowice i Ochojec - ogłoszenia [17 398 members]	Reminder post in the group, aimed at gathering more participants
Broad audience of Podlesie and Zarzecze [both in Katowice] residents	19.05.2025 Social media post on Facebook group Podlesie - Zarzecze [10 235 members]	Reminder post in the group, aimed at gathering more participants
Broad audience of Podlesie and Zarzecze [both in Katowice] residents	19.05.2025 Social media post on Facebook group Podlesie - Zarzecze [4033 members]	Reminder post in the group, aimed at gathering more participants
Broad audience of Sośnicowice residents	19.05.2025 Social media post on Facebook group Sośnicowice – ogłoszenia [3605 members]	Reminder post in the group, aimed at gathering more participants
Broad audience of Sośnicowice residents	19.05.2025 Social media post on Facebook group Sośnicowice24.info [4651 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Siewierz residents	19.05.2025 Social media post on Facebook group Spotted Siewierz [1479 members]	Reminder post in the group, aimed at gathering more participants
Broad audience of Tychy and Lędziny residents	19.05.2025 Social media post on Facebook group Tyszanie na Facebooku, Lędziny na Facebooku , Śląsk na Fac [13 459 members]	Reminder post in the group, aimed at gathering more participants
Broad audience of Wojkowice residents	19.05.2025 Social media post on Facebook group WOJKOWICE bez CENZURY [6833 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Silesia residents	19.05.2025 Social media post on Facebook group ŚLĄSKIE | Rozrywka | Imprezy | Rekreacja [19 668 members]	First post in the group, aimed at introducing Transformatorium.

Target audience	Distribution channel / media	Practical information
Broad audience of Świerklaniec residents	19.05.2025 Social media post on Facebook group Świerklaniec - Społeczność mieszkańców gminy [2501 members]	Reminder post in the group, aimed at gathering more participants
Broad audience of Świerklaniec, Ożarowice, Miasteczko and Mierzęcice residents	19.05.2025 Social media post on Facebook group Świerklaniec Ożarowice Miasteczko Mierzęcice kupie sprzedam Tarnowskie Gó❤️ [2752 members]	Reminder post in the group, aimed at gathering more participants.
Broad audience of Świerklaniec residents	19.05.2025 Social media post on Facebook group Świerklaniec-Kupię-Sprzedam-Zamienię [6908 members]	Reminder post in the group, aimed at gathering more participants
Broad audience of Żernica, Nieborowice and Pilchowice residents	19.05.2025 Social media post on Facebook group Żernica / Nieborowice - Gmina Pilchowice [1398 members]	Reminder post in the group, aimed at gathering more participants
Broad audience of Ligota and Panewniki residents	20.05.2025 Social media post on Facebook group Ligota-Panewniki ogłoszenia praca,kupie, sprzedam, zamienię. [9048 members]	First post in the group, aimed at introducing Transformatorium.
Youth, music community	21.05.2025 Social media post on Facebook group AM Katowice [2934 members]	Reminder post in the group, aimed at gathering more participants.
Regionalist community	21.05.2025 Social media post on Facebook group Jestem narodowości Śląskiej! [18 453 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Silesia residents	21.05.2025 Social media post on Facebook group Praca Śląsk [59 667 members]	First post in the group, aimed at introducing Transformatorium.
Youth, students	21.05.2025 Social media post on Facebook group Uniwersytet Ekonomiczny w Katowicach [25 158 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Silesia residents	21.05.2025 Social media post on Facebook group Śląsk ogłoszenia [41 260 mebmers]	First post in the group, aimed at introducing Transformatorium.
Regionalist community	22.05.2025 Social media post on Facebook group Jak bydzie we Ślōnsku – silezjawka [1331 members]	Reminder post in the group, aimed at gathering more participants.
Regionalist community	22.05.2025 Social media post on Facebook group Niezakamuflowana opcja śląska - grupa edukacyjna [7532 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Silesia residents	22.05.2025 Social media post on Facebook group Ogłoszenia Śląsk [14 348 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience Bojszowy, Tychy, Bieruń and Pszczyna residents	26.05.2025 Social media post on Facebook group Bojszowy, Tychy, Bieruń, Pszczyna I okolice ogłoszenia. [14 786 members]	Reminder post in the group, aimed at gathering more participants.
Broad audience of Brynów residents	26.05.2025 Social media post on Facebook group Brynów [3784 members]	Reminder post in the group, aimed at gathering more participants.
Broad audience of Brynów residents	26.05.2025 Social media post on Facebook group Brynów i okolice [3977 members]	Reminder post in the group, aimed at gathering more participants.
Broad audience of Chełm Śląski residents	26.05.2025 Social media post on Facebook group Chełm Śląski na Facebooku [782 members]	Reminder post in the group, aimed at gathering more participants.
Youth, music community	26.05.2025 Social media post on Facebook messenger conversation of Chór Uniwersytetu Ekonomicznego w Katowicach [100 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Dąbrowa Górnicza residents	26.05.2025 Social media post on Facebook group Dąbrowa Górnicza i okolice - ogłoszenia-wydarzenia [3582 members]	First post in the group, aimed at introducing Transformatorium.

Target audience	Distribution channel / media	Practical information
Broad audience of Giszowiec residents	26.05.2025 Social media post on Facebook group Giszowiec [4616 members]	Reminder post in the group, aimed at gathering more participants.
Broad audience of Giszowiec residents	26.05.2025 Social media post on Facebook group Giszowiec Katowice - grupa mieszkańców i sympatyków Giszowca [5037 members]	Reminder post in the group, aimed at gathering more participants.
Broad audience of Pilchowice commune residents	26.05.2025 Social media post on Facebook group Gmina Pilchowice- sprzedam, kupię, oddam, zamienię [1389 members]	Reminder post in the group, aimed at gathering more participants.
Broad audience of Świętochłowice residents	26.05.2025 Social media post on Facebook group Local group of Głos Mieszkańców Świętochłowic [11 372 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Imielin residents	26.05.2025 Social media post on Facebook group Local group of Imielin i okolice, kupię, sprzedam, zatrudnię... [5846 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Imielin residents	26.05.2025 Social media post on Facebook group Imielin. Forum dyskusyjne. [2825 members]	Reminder post in the group, aimed at gathering more participants.
Regionalist community	26.05.2025 Social media post on Facebook group Jestem narodowości Śląskiej! [18 453 members]	Reminder post in the group, aimed at gathering more participants.
Regionalist community	26.05.2025 Social media post on Facebook group Jestem Ślązakiem – dyskusje o regionie [2066 members]	Reminder post in the group, aimed at gathering more participants.
Broad audience of Katowice residents	26.05.2025 Social media post on Facebook group Katowice – Nasze Miasto [5 458 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Dąbrówka Mała residents	26.05.2025 Social media post on Facebook group Katowice Dąbrówka Mała – Sympatycy [2754 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Ochojec residents	26.05.2025 Social media post on Facebook group Katowice Ochojec [3928 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Katowice residents	26.05.2025 Social media post on Facebook group Katowice Piotrowice Kostuchna Murcki Podlesie Zarzecze [7902 members]	Reminder post in the group, aimed at gathering more participants.
Broad audience of Katowice Śródmieście residents	26.05.2025 Social media post on Facebook group Katowice Śródmieście [3438 members]	Reminder post in the group, aimed at gathering more participants.
Broad audience of Brynów residents	26.05.2025 Social media post on Facebook group Katowice-Brynów [6025 members]	Reminder post in the group, aimed at gathering more participants.
Broad audience of Katowice and Chorzów residents	26.05.2025 Social media post on Facebook group Katowice/Chorzów ogłoszenia [23 763 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Chorzów residents	26.05.2025 Social media post on Facebook group Kocham Chorzów [28 566 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Kostuchna residents	26.05.2025 Social media post on Facebook group Kostuchna [2296 members]	Reminder post in the group, aimed at gathering more participants.
Broad audience of Kostuchna residents	26.05.2025 Social media post on Facebook group Kostuchna [4236 members]	Reminder post in the group, aimed at gathering more participants.
Broad audience of Ligota residents	26.05.2025 Social media post on Facebook group Ligota [21 644 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Katowice residents	26.05.2025 Social media post on Facebook group	Reminder post in the group, aimed at gathering more participants.

Target audience	Distribution channel / media	Practical information
	Ligota Panewniki Piotrowice Ochojec Reklama [6693 members]	
Broad audience of Załęże residents	26.05.2025 Social media post on Facebook group Ludzie z Załęża [3535 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Lędziny residents	26.05.2025 Social media post on Facebook group Lędziny – Ogłoszenia | Praca | Kupię | Sprzedam | Zamienię [5142 members]	Reminder post in the group, aimed at gathering more participants.
Broad audience of Rudziniec residents	26.05.2025 Social media post on Facebook group Mieszkańcy Gminy Rudziniec [2969 members]	Reminder post in the group, aimed at gathering more participants
Broad audience of Orzesze residents	26.05.2025 Social media post on Facebook group Mieszkańcy Orzesza [15 157 members]	Reminder post in the group, aimed at gathering more participants
Broad audience of Mikołów residents	26.05.2025 Social media post on Facebook group Mikołów - Nasze miasto, Wasze sprawy [4707 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Mikołów residents	26.05.2025 Social media post on Facebook group Mikołów i okolice [3747 members]	First post in the group, aimed at introducing Transformatorium.
Music community	26.05.2025 Social media post on Facebook group Muzycy ze Śląska [1254 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Zagłębie residents	26.05.2025 Social media post on Facebook group NASZE KOCHANE ZAGŁĘBIE-SOSNOWIEC DĄBROWA GÓRN. BĘDZIN CZELADŹ SŁAWKÓW [3887 members]	Reminder post in the group, aimed at gathering more participants.
Broad audience of Wyry residents	26.05.2025 Social media post on Facebook group Nasze Wyry – grupa dyskusyjna [1938 members]	Reminder post in the group, aimed at gathering more participants.
Broad audience of Zbrosławice residents	26.05.2025 Social media post on Facebook group Newsy Z Gminy Zbrosławice I Okolic [4000 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Bieruń residents	26.05.2025 Social media post on Facebook group Ogłoszenia Bieruń [19 429 members]	Reminder post in the group, aimed at gathering more participants.
Broad audience of Pszczyna, Goczałkowice-Zdrój, Kobiór, Miedźna and Pawłowice residents	26.05.2025 Social media post on Facebook group Ogłoszenia Pszczyna / Goczałkowice-Zdrój / Kobiór / Miedźna / Pawłowice [7923 members]	Reminder post in the group, aimed at gathering more participants.
Broad audience of Silesia residents	26.05.2025 Social media post on Facebook group Ogłoszenia Śląsk [14 348 members]	Reminder post in the group, aimed at gathering more participants.
Broad audience of Ruda Śląska residents	26.05.2025 Social media post on Facebook group Ogłoszenia...Ruda Śląska i okolice [19 983 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Orzesze, Gostyń, Wyry and Kobiór residents	26.05.2025 Social media post on Facebook group Orzesze.Gostyn.Wyry.Kobior sprzedam-kupię,usługi [8331 members]	Reminder post in the group, aimed at gathering more participants.
Broad audience of Osiedle Paderewskiego in Katowice residents	26.05.2025 Social media post on Facebook group Osiedle Paderewskiego – Katowice [10 014 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Osiedle Tysiąclecia in Katowice residents	26.05.2025 Social media post on Facebook group Osiedle Tysiąclecia Katowice [10 014 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Panewniki residents	26.05.2025 Social media post on Facebook group Panewniki / Panewniki Stare [1857 members]	Reminder post in the group, aimed at gathering more participants
Broad audience of Piotrowice and Ochojec residents	26.05.2025 Social media post on Facebook group	Reminder post in the group, aimed at gathering more participants

Target audience	Distribution channel / media	Practical information
	Piotrowice i Ochojec - ogłoszenia [17 398 members]	
Broad audience of Piotrowice and Ochojec residents	26.05.2025 Social media post on Facebook group Piotrowice-Ochojec [9369 members]	Reminder post in the group, aimed at gathering more participants
Broad audience of Katowice residents	26.05.2025 Social media post on Facebook group Po prostu Katowice [57 530 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Podlesie and Zarzecze [both in Katowice] residents	26.05.2025 Social media post on Facebook group Podlesie - Zarzecze [10 235 members]	Reminder post in the group, aimed at gathering more participants
Broad audience of Podlesie and Zarzecze [both in Katowice] residents	26.05.2025 Social media post on Facebook group Podlesie - Zarzecze [4033 members]	Reminder post in the group, aimed at gathering more participants
Broad audience of Silesia residents	26.05.2025 Social media post on Facebook group Praca Śląsk [59 667 members]	Reminder post in the group, aimed at gathering more participants
Broad audience of Ruda Śląska residents	26.05.2025 Social media post on Facebook group Ruda Śląska piękne miasto [4109 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Sosnowiec residents	26.05.2025 Social media post on Facebook group Sosnowiec [35 230 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Sośnicowice residents	26.05.2025 Social media post on Facebook group Sośnicowice – ogłoszenia [3605 members]	Reminder post in the group, aimed at gathering more participants
Broad audience of Katowice residents	26.05.2025 Social media post on Facebook group Spotted Katowice i okolice [9595 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Siewierz residents	26.05.2025 Social media post on Facebook group Spotted Siewierz [1479 members]	Reminder post in the group, aimed at gathering more participants
Youth, cinematic comunity	26.05.2025 Social media post on Facebook group Szkoła Filmowa im. Krzysztofa Kieślowskiego. Uniwersytet Śląski [2623 members]	Reminder post in the group, aimed at gathering more participants.
Broad audience of Tychy residents	26.05.2025 Social media post on Facebook group Tychy – co słychać I gdzie szukać [9335 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Tychy and Lędziny residents	26.05.2025 Social media post on Facebook group Tyszanie na Facebooku, Lędziny na Facebooku , Śląsk na Fac [13 459 members]	Reminder post in the group, aimed at gathering more participants
Broad audience of Wojkowice residents	26.05.2025 Social media post on Facebook group WOJKOWICE bez CENZURY [6833 members]	Reminder post in the group, aimed at gathering more participants
Broad audience of Zabrze residents	26.05.2025 Social media post on Facebook group Zabrze - Wszystko o Mieście + Praca [13 424 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Zawodzie residents	26.05.2025 Social media post on Facebook group Zawodzie jest w modzie! [4344 members]	Reminder post in the group, aimed at gathering more participants
Youth, music comunity	26.05.2025 Social media post on Facebook group Śląscy Muzycy [625 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Silesia residents	26.05.2025 Social media post on Facebook group ŚLĄSKIE | Rozrywka | Imprezy | Rekreacja [19 668 members]	Reminder post in the group, aimed at gathering more participants
Broad audience of Silesia residents	26.05.2025 Social media post on Facebook group Śląskie dla bajtli [24 789 members]	First post in the group, aimed at introducing Transformatorium.

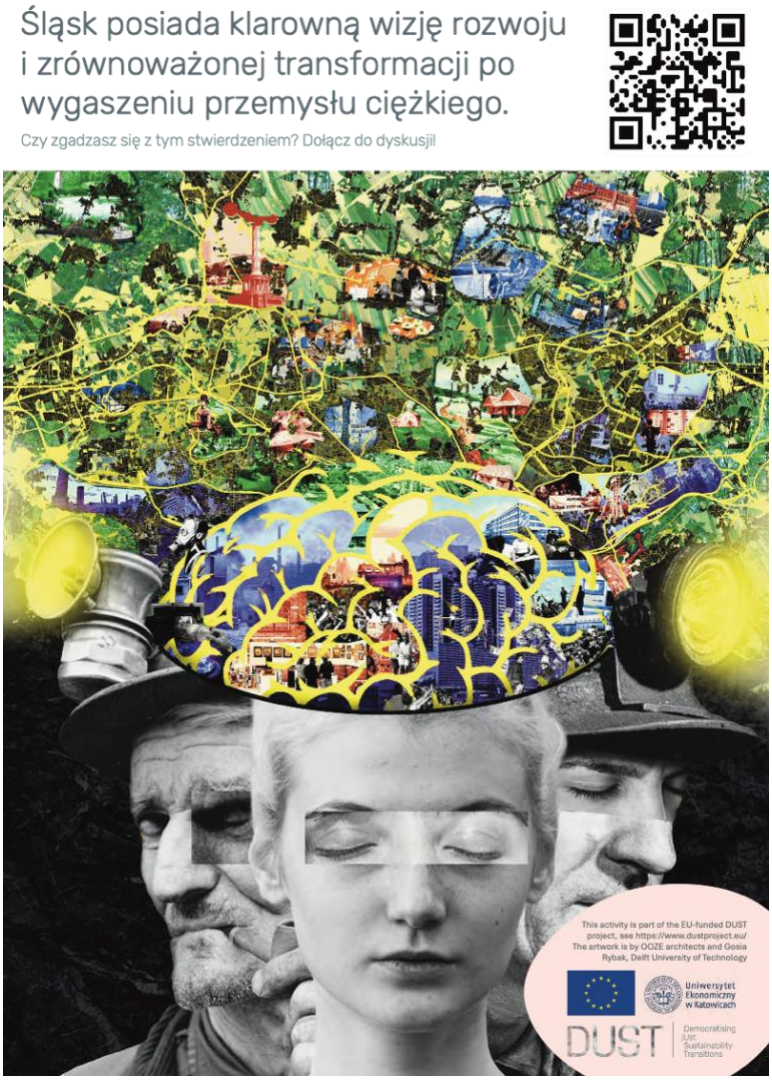
Target audience	Distribution channel / media	Practical information
Broad audience of Silesia residents	26.05.2025 Social media post on Facebook group Śląsk ogłoszenia [41 260 mebmers]	Reminder post in the group, aimed at gathering more participants
Broad audience of Świerklaniec residents	26.05.2025 Social media post on Facebook group Świerklaniec-Kupię-Sprzedam-Zamienię [6908 members]	Reminder post in the group, aimed at gathering more participants
Broad audience of Żernica, Nieborowice and Pilchowice residents	26.05.2025 Social media post on Facebook group Żernica / Nieborowice - Gmina Pilchowice [1398 members]	Reminder post in the group, aimed at gathering more participants
Broad audience of Bytom residents	27.05.2025 Social media post on Facebook group Bytomski Portal Informacyjny – grupa czytelników [12 915 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Chorzów residents	27.05.2025 Social media post on Facebook group Chorzów [5412 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Ligota and Panewniki residents	27.05.2025 Social media post on Facebook group Ligota-Panewniki ogłoszenia praca,kupie, sprzedam, zamienię. [9048 members]	Reminder post in the group, aimed at gathering more participants.
Broad audience of Tychy residents	27.05.2025 Social media post on Facebook group Tychy – Życie w mieście [27 400 members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Piotrowice residents	28.05.2025 Social media post on Facebook group Nasze Piotrowice ;) [11 022 members]	Reminder post in the group, aimed at gathering more participants.
Broad audience of Orzesze residents	29.05.2025 Social media post on Facebook group Orzesze i okolice: (4sale) [12 467members]	First post in the group, aimed at introducing Transformatorium.
Broad audience of Zbrosławice residents	30.05.2025 Social media post on Facebook group Zbrosławice - Społeczność mieszkańców gminy [1262 members]	Reminder post in the group, aimed at gathering more participants.
Broad audience of Janów, Nikiszowiec and Korea residents	30.05.2025 Social media post on Facebook group Forum Mieszkańców Janowa, Nikiszowca i Korei [3415 members]	Reminder post in the group, aimed at gathering more participants.
Youth, students	31.05.2025 Social media post on Facebook group Studenci Uniwersytetu Śląskiego [16 013 members]	Reminder post in the group, aimed at gathering more participants.

Table 14 Katowice / Used promotional visual materials

Promotional visual material	Used (yes / no)	Additional information
Initial information videos	No	
Brief videos	No	
Animated .gifs	Yes	Used in digital version on the Faculty website (4: 27.05.2025) https://www.ue.katowice.pl/uczelnia/wydzialy/wydzial-gospodarki-przestrzennej-i-transformacji-regionow/wydarzenia/article/ostatnie-dni-na-zaglosowanie-w-transformatorium.html (3: 10.05.2025) https://www.ue.katowice.pl/uczelnia/wydzialy/wydzial-gospodarki-przestrzennej-i-transformacji-regionow/wydarzenia/article/wez-udzial-w-transformatorium.html
Poster	Yes	Used in digital version on the Faculty website (2: 8.05.2025) https://www.ue.katowice.pl/uczelnia/wydzialy/wydzial-gospodarki-przestrzennej-i-transformacji-regionow/wydarzenia/article/witamy-w-transformatorium.html (1: 27.04.2025) https://www.ue.katowice.pl/uczelnia/wydzialy/wydzial-gospodarki-przestrzennej-i-transformacji-regionow/wydarzenia/article/juz-wkrotce-rusza-transformatorium.html

Promotional visual material	Used (yes / no)	Additional information
Postcards	No	
Other	No	

Figure 2 Katowice / Examples promotional material used



2.2.3. Pol.is use

2.2.3.1. Pol.is use in general

- Summary use of Pol.is (see table below)
- **Start date:** 23 April 2025 / **End date:** 30 May 2025 / **Duration:** 38 days

Table 15 Katowice / Pol.is use

	#	Additional information
People voted	502	
People grouped	410	3 opinion groups emerged
Votes were cast	16567	
Statements were submitted	168	
Votes per voter on average	33	
Statements per author on average	5.6	

2.2.3.2. Moderation of Pol.is use

- How many statements were moderated out and when?
  130 statements were moderated out - the moderation process lasted the entire month.

- What were main reasons for moderating out statements?
  The main reasons for moderating out statements were:
  - Comment referring to unspecified SS, often in the form of general questions
  - Too general to promote to SS
  - Too detailed to promote to SS
  - Spam (including e-mail addresses incorrectly inputting in the comment section)

- Refinement of strategy over time?

Throughout the entire period, the moderation strategy remained the same - only in final week of the Transformatorium I also moderated out good SS. However, facing the end of the study deadline, adding more SS was meaningless.

2.2.4. Pol.is output

- Pol.is output — Qualifying Seed Statements
- Pol.is report (English translation)

2.2.4.1. Pol.is output – Qualifying Seed Statements

Table 14 shows the output statements from Pol.is and provides additional data on how much consensus (CS), polarisation (PS), and agreement (A) the statements generated among participants. SS are assessed based on the following aspects:

- **Related TC aspects:** SSs are composed from relations between TC aspects — this column lists the key TC aspects addressed in the statement.
- **Preferred future (PF):** Is at least one of the TC aspects mentioned in LECs' preferred futures?
- **Policy relevance (PR):** Is at least one of the TC aspects mentioned in policies?
- **Mirrored statement (M):** Is the statement a 'mirror' of an original SS? This as opposed to an original SS.
- **New statement (N):** Is the statement new? This as opposed to a SS that served as input to Pol.is.
- **Consensus Statement (CS):** Is the statement classified as a consensus statement among opinion groups in Pol.is? Do opinion groups show similar levels of agreement or disagreement with the statement?
- **Polarising Statement (PS):** Is there a significant difference in agreement or disagreement between opinion groups about the statement?
- **Agreement:** Is there a high percentage of agreement on the statement amongst all opinion groups?

Table 16 Table Katowice/ Pol.is output

#	Seed statement Pol.is output	Related TC aspects	PF	PR	G	M	N	CS	PS	A
	Case study region: Katowice									
1	**Revitalising brownfield sites in Silesia without community consultation makes sense because it is more efficient.**	Industrial heritage			x			x		
2	Revitalisation of brownfield sites in Silesia must involve the local community.	Industrial heritage	x		x	x		x		x
3	**Industrial heritage drives the development of Silesia.**	Industrial heritage	x	x	x					x
4	Industrial heritage hinders the development of Silesia.	Industrial heritage			x	x		x		
5	**Better to demolish the old post-industrial buildings in Silesia and start all over again.**	Industrial heritage			x			x		
6	It is better to fund the renovation and maintenance of old post-industrial buildings that bear witness to Silesia's industrial past.	Industrial heritage	x	x	x	x				x
7	**Universities must create educational programmes that respond solely to the future needs and transition of Silesia.**	Education	x	x	x				x	
8	Only the knowledge gained at the Universities is practically useful.	Education Universities				x		x		
9	**Silesia has the potential to become recognised through its renowned**	Education	x	x	x				x	x

#	Seed statement Pol.is output	Related TC aspects	PF	PR	G	M	N	CS	PS	A
	universities, just as Silicon Valley is known for technology.									
10	Universities will not play a significant role in building the Silesian brand.	Education				x				
11	**Job prospects in Silesia will improve due to the region's growing potential - young people will be attracted to stay or return.**	Education	x	x	x					x
12	Young people will be able to find better jobs and a better life in another region and abroad.	Education			x	x			x	
13	**Universities in Silesia are too weak for the region to be famous for. For this to happen, many reforms are really needed.**	Education					x		x	x
14	Universities should create programs adapted to the labor market.	Education	x	x	x	x	x	x		x
15	**Changing careers at 40+ will be a new necessity in life.**	Jobs and reskilling		x	x					x
16	Jobs for people aged 40+ should be especially protected.	Jobs and reskilling	x		x	x			x	x
17	**The use of artificial intelligence will eliminate routine tasks at work.**	Jobs and reskilling			x					x
18	AI will not change labour markets.	Jobs and reskilling			x	x		x		
19	**The determination of ordinary people is sufficient to initiate and implement change.**	Jobs and reskilling			x					
20	Assistance from the city, region, state is essential when the community is involved in adapting to change.	Jobs and reskilling	x		x	x		x		x
21	**Investments in people are the best generator of development and transformation of cities.**	Jobs and reskilling	x	x	x		x			x
22	**The energy transformation in Silesia must be radical in order to achieve a new image for Silesia.**	Energy transition			x				x	
23	The energy transition in Silesia must be long-term, as traditional industries must be phased out in a balanced way.	Energy transition	x		x	x		x		x
24	**Funding and support for the energy transition is available and distributed in an equitable manner ensuring that everyone in Silesia affected by the changes in mining and traditional industries receives appropriate assistance.**	Energy transition	x		x					
25	Funding and support for the transition is not readily available and does not apply to everyone in Silesia who is experiencing the costs of extinguishing mining and other traditional industries.	Energy transition		x	x	x				x
26	**Renewable energy together with the use of industrial (post-mining) infrastructure will ensure energy security.**	Energy transition	x	x	x				x	x
27	Energy from renewable sources will not ensure energy security.	Energy transition		x	x	x				x
28	The corporate approach to energy transition is harmful.	Energy transition	x		x	x	x			x
29	**Energy transition done at the expense of ordinary people will lead to the collapse of the region, poverty and an increase in the number of deaths.**	Energy transition					x			x
30	The energy transformation should primarily consist in ensuring perpetual well-paid pensions for industry employees.	Energy transition				x	x			x
31	**The costs of energy transition should be paid by the government, local governments, entrepreneurs and the wealthiest (preferably through taxes).**	Energy transition					x		x	x
32	Renewable energy sources also produce their own form of pollution.	Energy transition				x	x			

#	Seed statement Pol.is output	Related TC aspects	PF	PR	G	M	N	CS	PS	A
33	**The energy transition should primarily consist in ensuring the energy security of the country.**	Energy transition	x	x	x		x	x		x
34	The energy transition, for now, is a cost to all of us and is significantly increasing energy prices.	Energy transition				x	x			x
35	**There are currently no conditions for completely abandoning hard coal-based energy.**	Energy transition		x	x		x			x
36	**Together, the GZM cities can be stronger in their transformation as a mega-city without losing their identity.**	Energy transition	x	x	x				x	x
37	The creation of a single strong city from the cities that make up the GMC will not accelerate the transformation and strengthen regional identity.	Metropolisation			x	x			x	x
38	**Only new public investments (kindergartens, schools, playgrounds, public transport, etc.) are necessary for the development and transformation of the cities forming the GZM.**	Metropolisation	x	x	x					
39	Only business investment is a generator of development and transformation of the cities that make up the GZM.	Metropolisation	x	x	x	x				
40	**Silesia has a clear vision of development and sustainable transformation after the phasing out of heavy industry.**	Metropolisation	x		x					
41	There is no overall vision for the development and transformation of Silesia after the phasing out of mining.	Metropolisation		x	x	x				x
42	Each region (city) probably wants to have its own seed of history, so creating one megacity will result in the loss of identity.	Metropolisation				x	x			x
43	**Silesia is losing its metropolitan foundation - it's time to accept the change and fight for a better quality of life, instead of chasing the lost power.**	Metropolisation			x		x		x	
44	**An important element of the Transformation is sustainable social construction.**	Social capital	x		x		x			x

2.2.4.2. Pol.is report

This chapter includes the final Pol.is report from Katowice, as exported from the Pol.is application and automatically translated into English.

auto-refresh

colour blind mode

Overview

Pol.is is a real-time survey system that helps identify the different ways a large group of people think about a divisive or complicated topic. Here's a basic breakdown of some terms you'll need to know in order to understand this report.

Participants: These are the people who participated in the conversation by voting and writing statements. Based on how they voted, each participant is sorted into an opinion group.

Statements: Participants may submit statements for other participants to vote on. Statements are assigned a number in the order they're submitted.

Opinion groups: Groups are made of participants who voted similarly to each other, and differently from the other groups.

This pol.is conversation was run by Adrian. The topic was 'Transformatorium'.

502	410	16 567	168	33.00	5.63
people voted	people grouped	votes were cast	statements were submitted	votes per voter on average	statements per author on average

Raw Data Export (Anonymous)

The following data exports are anonymised. Participants are identified by an integer representing the order in which they first voted. For a full description of files and columns, please see: https://compdemocracy.org/export/.

----------Summary: 2025-05-28-1514-38cmv9u5ei-summary.csv

-------Comments: 2025-05-28-1514-38cmv9u5ei-comments.csv (may take up to several minutes)

--Votes history: 2025-05-28-1514-38cmv9u5ei-votes.csv (as event log)

---Votes matrix: 2025-05-28-1514-38cmv9u5ei-participant-votes.csv (as comments x participants matrix) Comment groups: 2025-05-28-1514-38cmv9u5ei-comment-groups.csv

Public API endpoints (read only, Jupyter notebook friendly)

```
$ curl https://dust-polis.tudelft.nl/api/v3/reportExport/r93npa8kjcspc8ttnrhyc/summary.csv
$ curl https://dust-polis.tudelft.nl/api/v3/reportExport/r93npa8kjcspc8ttnrhyc/comments.csv
$ curl https://dust-polis.tudelft.nl/api/v3/reportExport/r93npa8kjcspc8ttnrhyc/votes.csv
$ curl https://dust-polis.tudelft.nl/api/v3/reportExport/r93npa8kjcspc8ttnrhyc/participant-votes.csv
$ curl https://dust-polis.tudelft.nl/api/v3/reportExport/r93npa8kjcspc8ttnrhyc/comment-groups.csv
```

How divisive was the conversation?

Statements (here as little circles) to the left were voted on the same way-either everyone agreed or everyone disagreed. Statements to the right were divisive-participants were split between agreement and disagreement.

How to use this: Hover to see the statement text. Start on the far right to find out what the most divisive statement was.

Consensus statements | Divisive statements

Majority

Here's what most people agreed with.

60% or more of all participants voted one way or the other, regardless of whether large amounts of certain minority opinion groups voted the other way.

% Agreed | % Disagreed | % Passed | % Didn't vote

	STATEMENT	OVERALL 410	A 81	B 190	C 139
1	Revitalisation of areas post-industrial sites in Silesia without consulting the local community makes sense because it is more efficient.	17% 70% 11% (360)	35% 44% 19% (78)	12% 76% 11% (157)	13% 80% 6% (125)
2	Revitalisation of areas post-industrial sites in Silesia must involve the local community.	83% 8% 7% (371)	58% 26% 15% (79)	92% 1% 6% (164)	88% 6% 5% (128)
4	Industrial heritage hinders the development of Silesia.	15% 75% 8% (361)	42% 35% 21% (78)	8% 86% 4% (158)	6% 87% 6% (125)
5	Better to demolish old facilities Post-industrial sites in Silesia and start all over again.	14% 77% 8% (362)	39% 43% 16% (78)	7% 85% 7% (156)	7% 88% 4% (128)
8	Only the knowledge gained from Universities is useful in practice.	8% 84% 6% (353)	14% 75% 10% (78)	7% 86% 6% (151)	7% 89% 3% (124)
16	Artificial intelligence will not cause changes in labour markets.	14% 79% 5% (359)	26% 64% 8% (79)	10% 85% 3% (153)	12% 81% 5% (127)
18	Assistance from the city, region, state is necessary when the community has engaged in adapting to change.	86% 7% 5% (370)	72% 15% 12% (80)	90% 5% 3% (160)	90% 4% 4% (130)
20	Energy transformation on Silesia must be l o n g - l a s t i n g , as a balanced extinguish traditional industries.	78% 14% 7% (383)	50% 32% 16% (79)	85% 10% 4% (172)	87% 7% 5% (132)
58	The energy transition should consist primarily of providing security State energy.	80% 11% 7% (317)	57% 25% 16% (71)	82% 8% 9% (128)	92% 6% 0% (118)
73	Universities should develop programmes adapted to the labour market	87% 8% 4% (309)	62% 25% 11% (70)	92% 4% 2% (123)	95% 1% 2% (116)

Opinion Groups

Across 410 total participants, 3 opinion groups emerged. There are two factors that define an opinion group. First, each opinion group is made up of a number of participants who tended to vote similarly on multiple statements. Second, each group of

participants who voted similarly will also have voted distinctly differently from other groups.

Group A: 81 participants

Statements which make this group unique, by their votes:

	STATEMENT	OVERALL 410	A 81	B 190	C 139
19	Energy transformation on Silesia must be radical in order to get a new image of Silesia.	37% 53% 8% (384)	59% 25% 15% (79)	41% 52% 6% (176)	17% 73% 8% (129)
91	Silesia is losing its metropolitan foundation - it is time to come to terms with change and fight for better quality of life, rather than chasing lost power.	47% 37% 15% (309)	63% 21% 15% (71)	42% 42% 15% (128)	43% 41% 14% (110)
18	Assistance from the city, region, state is necessary when the community has engaged in adapting to change.	86% 7% 5% (370)	72% 15% 12% (80)	90% 5% 3% (160)	90% 4% 4% (130)
7	Universities must create programmes education that meets only the needs of the future and transformation Silesia.	42% 46% 10% (370)	25% 61% 13% (80)	48% 42% 9% (162)	46% 42% 10% (128)

Group B: 190 participants

Statements which make this group unique, by their votes:

	STATEMENT	OVERALL 410	A 81	B 190	C 139
23	Energy from renewable energy sources with the use of industrial (post-mining) infrastructure will ensure energy security.	49% 35% 15% (383)	41% 35% 22% (79)	75% 11% 12% (170)	20% 64% 14% (134)
11	Job prospects due to its potential in Silesia will be much better - young people will attracted to the region.	59% 21% 18% (382)	43% 36% 20% (80)	82% 4% 12% (169)	39% 34% 25% (133)
9	Silesia has the potential to become recognised by renowned universities such as the Silicon Valley through technology.	62% 24% 12% (387)	31% 46% 22% (80)	79% 10% 9% (172)	60% 29% 10% (135)
2	Revitalisation of areas post-industrial sites in Silesia must involve the local community.	83% 8% 7% (371)	58% 26% 15% (79)	92% 1% 6% (164)	88% 6% 5% (128)
25	Together, the cities of the GMC can be stronger in transformation as mega-city without losing its identity.	57% 28% 14% (375)	50% 24% 25% (78)	74% 14% 10% (163)	41% 46% 12% (134)

Group C: 139 participants

Statements which make this group unique, by their votes:

	STATEMENT	OVERALL 410	A 81	B 190	C 139
46	Energy transformation done at the expense of ordinary people will lead to the decline of the region, poverty and the growth of the number of deaths	59% 24% 15% (363)	44% 38% 16% (78)	41% 34% 23% (155)	90% 4% 5% (130)
24	Energy from renewable sources energy sources will not provide Energy security.	57% 29% 13% (392)	53% 33% 12% (80)	39% 44% 16% (176)	83% 7% 8% (136)
87	There are currently no conditions for complete abandonment of energy based on hard coal.	75% 15% 8% (307)	58% 25% 15% (70)	66% 21% 11% (123)	95% 3% 0% (114)
30	There is no overall development vision and the transformation of Silesia after the extinction of the mining.	64% 22% 12% (384)	61% 21% 17% (80)	47% 37% 14% (169)	86% 5% 7% (135)
26	The creation of a single strong city with of the cities that make up the GMC do not will not accelerate transformation and will not strengthen regional identity.	46% 37% 15% (383)	47% 33% 19% (78)	24% 60% 14% (169)	74% 11% 13% (136)

Areas of uncertainty

Across all 410 participants, there was uncertainty about the following statements. Greater than 30% of participants who saw

these statements 'passed'.

Areas of uncertainty can provide avenues to educate and open dialogue with your community.

STATEMENT	OVERALL 410	A 81	B 190	C 139

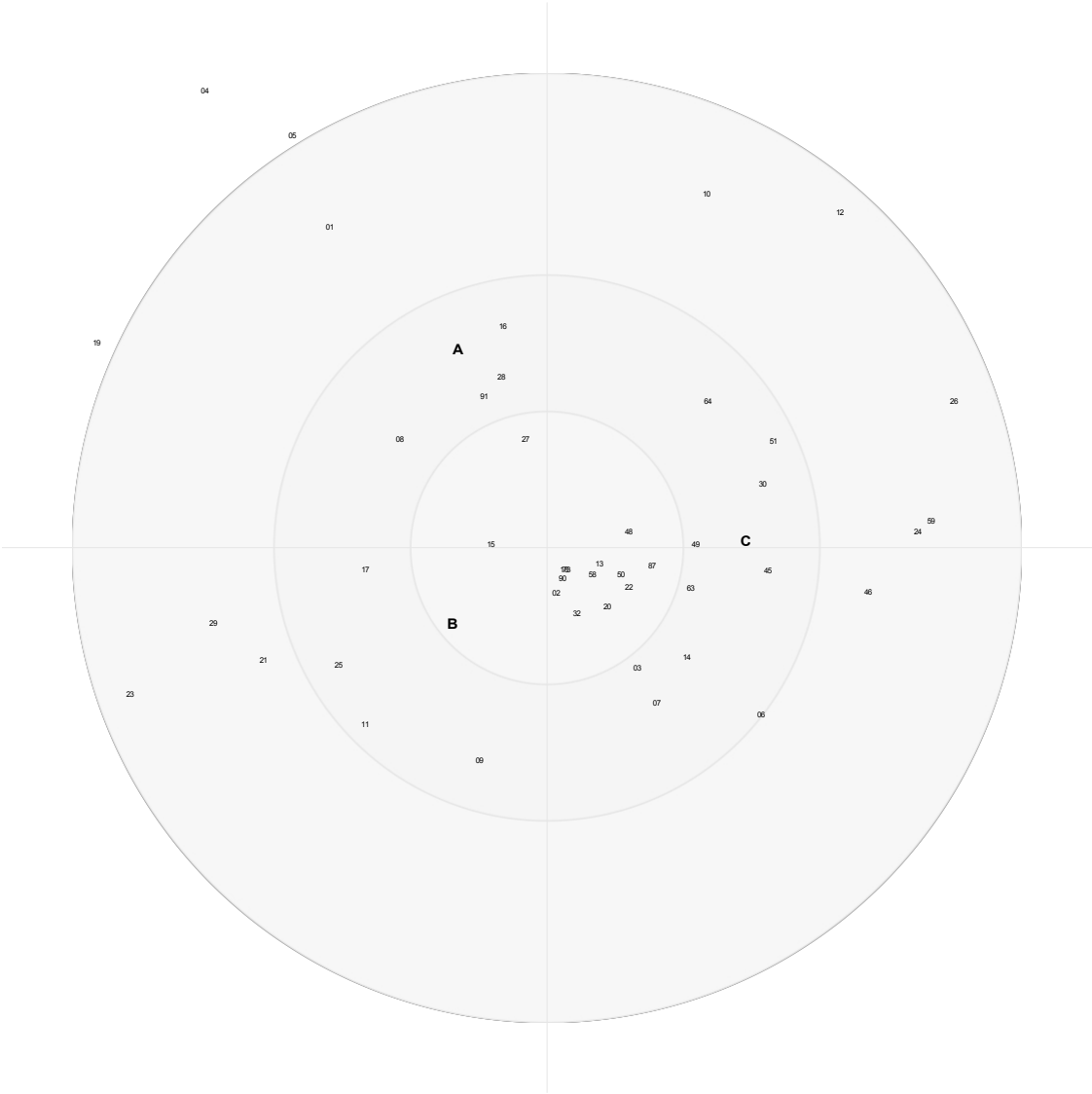
Graph

Which statements were voted on similarly? How do participants relate to each other?

In this graph, statements are positioned more closely to statements which were voted on similarly. Participants, in turn, are positioned more closely to statements on which they agreed, and further from statements on which they disagreed. This means participants who voted similarly are closer together.

Axes | Radial axes | Statements | Participants (bucketised) | Group outline | Group labels

Click a statement, identified by its number, to explore regions of the graph.



All statements

Group votes across all statements, excluding those statements which were moderated out.

Sort by: Statement Id

STATEMENT		OVERALL 410	A 81	B 190	C 139
1	Revitalisation of areas post-industrial sites in Silesia without agreements with the local community makes sense because it is more efficient.	17% 70% 11% (360)	35% 44% 19% (78)	12% 76% 11% (157)	13% 80% 6% (125)

2	Revitalisation of areas post-industrial sites in Silesia must involve the local community.	83% 8% 7% (371)	58% 26% 15% (79)	92% 1% 6% (164)	88% 6% 5% (128)
3	Industrial heritage drives Development of Silesia.	65% 17% 16% (379)	39% 40% 20% (79)	69% 12% 17% (167)	77% 9% 12% (133)
4	Industrial heritage hinders the development of Silesia.	15% 75% 8% (361)	42% 35% 21% (78)	8% 86% 4% (158)	6% 87% 6% (125)
5	Better to demolish old facilities post-industrial sites in Silesia and start all over again.	14% 77% 8% (362)	39% 43% 16% (78)	7% 85% 7% (156)	7% 88% 4% (128)
6	It is better to finance renovations and maintenance of old buildings post-industrial sites that bear witness to Silesia's industrial past.	52% 27% 19% (369)	29% 56% 14% (78)	54% 25% 20% (164)	65% 13% 21% (127)
7	Universities must create programmes education that only meets the needs of the future and transformation Silesia.	42% 46% 10% (370)	25% 61% 13% (80)	48% 42% 9% (162)	46% 42% 10% (128)
8	Only the knowledge gained from Universities is useful in practice.	8% 84% 6% (353)	14% 75% 10% (78)	7% 86% 6% (151)	7% 89% 3% (124)
9	Silesia has the potential to become identifiable by renowned universities just like Silicon Valley through technology.	62% 24% 12% (387)	31% 46% 22% (80)	79% 10% 9% (172)	60% 29% 10% (135)
10	Universities will not play an important role in both brand building Silesia.	19% 67% 13% (367)	35% 46% 17% (79)	10% 78% 11% (160)	22% 65% 11% (128)
11	Job prospects due to its potential in Silesia will be significantly better - young people will be attracted to the region.	59% 21% 18% (382)	43% 36% 20% (80)	82% 4% 12% (169)	39% 34% 25% (133)
12	Young people better jobs and better life they will be able to find in another region and abroad.	31% 50% 18% (379)	48% 29% 21% (78)	14% 68% 17% (167)	43% 39% 17% (134)
13	A career change at 40+ will a new necessity in life.	57% 27% 15% (368)	55% 29% 14% (81)	56% 28% 15% (156)	58% 24% 16% (131)
14	Jobs for people aged 40+ should be particularly protected.	56% 26% 16% (376)	37% 46% 15% (79)	58% 25% 16% (165)	65% 16% 17% (132)
15	Use of artificial intelligence will eliminate routine tasks in work.	61% 27% 11% (375)	60% 25% 13% (79)	65% 23% 10% (163)	57% 32% 10% (133)
16	Artificial intelligence will not cause changes in labour markets.	14% 79% 5% (359)	26% 64% 8% (79)	10% 85% 3% (153)	12% 81% 5% (127)
17	The determination of ordinary people is sufficient to initiate and implement changes.	36% 52% 10% (363)	35% 51% 12% (78)	43% 46% 9% (158)	28% 61% 10% (127)
18	Assistance from the city, region, State is necessary when community committed to adapting to change.	86% 7% 5% (370)	72% 15% 12% (80)	90% 5% 3% (160)	90% 4% 4% (130)
19	Energy transformation on Silesia must be radical in order to get a new image of Silesia.	37% 53% 8% (384)	59% 25% 15% (79)	41% 52% 6% (176)	17% 73% 8% (129)
20	Energy transformation on Silesia must be long-lasting, because traditional industries should be phased out in a balanced way.	78% 14% 7% (383)	50% 32% 16% (79)	85% 10% 4% (172)	87% 7% 5% (132)
21	Funding and support for the energy transition is available and distributed in a way that fair by ensuring that everyone in Silesia affected by the changes in mining and traditional industries receives appropriate assistance.	25% 50% 23% (362)	25% 52% 21% (78)	34% 43% 22% (157)	15% 59% 25% (127)
22	Funding and support for transformation is not readily available and does not apply to everyone in Silesia who is experiencing the costs of extinguishing the mining and other traditional industries.	65% 13% 21% (370)	43% 26% 29% (78)	63% 10% 26% (159)	80% 9% 9% (133)
23	Energy from renewable energy sources with the use of industrial (post-mining) infrastructure will ensure energy security.				
24	Energy from renewable sources energy sources will not ensure	49% 35% 15% (383)	41% 35% 22% (79)	75% 11% 12% (170)	20% 64% 14% (134)
	Energy security.	57% 29% 13% (392)	53% 33% 12% (80)	39% 44% 16% (176)	83% 7% 8% (136)
25	Together, the cities of the GMC can be stronger in transformation as mega-city without losing its identity.	57% 28% 14% (375)	50% 24% 25% (78)	74% 14% 10% (163)	41% 46% 12% (134)
26	The creation of a single strong city with of the cities making up the EMU did not	46% 37% 15% (383)	47% 33% 19% (78)	24% 60% 14% (169)	74% 11% 13% (136)

	will not accelerate transformation and will not strengthen regional identity.				
27	Only new public investments (kindergartens, schools, playing fields, public transport, etc.) are essential for the development and transformation of the cities that make up the EMU.	29% 55% 14% (373)	32% 48% 18% (79)	29% 58% 12% (163)	28% 57% 14% (131)
28	Only business investments are a generator of development and transformation of cities forming the GZM.	31% 54% 13% (367)	39% 44% 15% (78)	30% 58% 11% (160)	29% 55% 15% (129)
29	Silesia has a clear vision development and sustainable transformation following the extinction of heavy industry.	13% 61% 25% (354)	14% 53% 32% (78)	17% 49% 33% (150)	9% 79% 11% (126)
30	There is no overall development vision and transformation of Silesia after the extinction of mining.	64% 22% 12% (384)	61% 21% 17% (80)	47% 37% 14% (169)	86% 5% 7% (135)
32	An important element of the Transformation is sustainable construction social	72% 14% 12% (362)	56% 28% 15% (78)	80% 9% 9% (155)	73% 11% 14% (129)
45	The corporate approach to The energy transition is harmful	58% 20% 21% (356)	52% 30% 17% (76)	43% 28% 27% (152)	78% 5% 15% (128)
46	Energy transformation done at the expense of ordinary people will lead to to the decline of the region, poverty and an increase in the number of deaths	59% 24% 15% (363)	44% 38% 16% (78)	41% 34% 23% (155)	90% 4% 5% (130)
48	The energy transition should consist, in the first instance, of ensuring perpetual well-paid pensions for industry workers	22% 61% 16% (331)	23% 61% 14% (76)	18% 67% 13% (132)	24% 55% 20% (123)
49	For the costs of transformation energy should be paid by the government, local governments, entrepreneurs and the richest (preferably through taxation)				
50	Renewable energy sources also produce their form	42% 39% 18% (342)	37% 42% 19% (77)	40% 41% 17% (141)	46% 34% 18% (124)
	pollution	79% 10% 10% (357)	62% 22% 15% (77)	74% 12% 12% (150)	94% 1% 3% (130)
51	Artificial Intelligence consumes an enormous amount of natural resources and as such, it cannot be used in the energy transition	27% 47% 25% (342)	33% 41% 25% (78)	17% 58% 24% (141)	35% 39% 25% (123)
58	The energy transition should consist primarily of providing security State energy.	80% 11% 7% (317)	57% 25% 16% (71)	82% 8% 9% (128)	92% 6% 0% (118)
59	Each region (city) probably wants to have their own seed of history, so the creation of a single mega-city will result in a loss of identity				
63	The energy transition, while which, is at the expense of all of us and	50% 39% 10% (319)	39% 47% 12% (71)	34% 53% 12% (132)	74% 18% 7% (116)
in	significantly increases energy prices.	68% 18% 13% (307)	45% 33% 21% (71)	63% 20% 16% (122)	88% 6% 5% (114)
64	The universities in Silesia are too weak, for the region to be known for this. To a great deal of reform is really needed	52% 36% 11% (314)	56% 29% 14% (71)	39% 47% 13% (128)	64% 27% 7% (115)
70	Universities should develop programmes adapted to the labour market	87% 8% 4% (309)	62% 25% 11% (70)	92% 4% 2% (123)	95% 1% 2% (116)
87	There are currently no conditions for complete abandonment of energy based on hard coal.	75% 15% 8% (307)	58% 25% 15% (70)	66% 21% 11% (123)	95% 3% 0% (114)
90	Investment in people is the best a generator of development and transformation cities	80% 10% 8% (302)	63% 22% 13% (72)	86% 7% 5% (121)	84% 7% 8% (109)
91	Silesia is losing its metropolitan foundation - it is time to come to terms with change and fight for better quality of life, rather than chasing lost power.	47% 37% 15% (309)	63% 21% 15% (71)	42% 42% 15% (128)	43% 41% 14% (110)

2.3. Pol.is in Lusatia

2.3.1. Pol.is output

- Pol.is report (English translation)

2.3.1.1. Pol.is report

This chapter includes the final Pol.is report from Lusatia, as exported from the Pol.is application and automatically translated into English.

Report

https://dust-polis.tudelft.nl/8mm6hnsskt

auto-refresh

colour blind mode

Overview

Pol.is is a real-time survey system that helps identify the different ways a large group of people think about a divisive or complicated topic. Here's a basic breakdown of some terms you'll need to know in order to understand this report.

Participants: These are the people who participated in the conversation by voting and writing statements. Based on how they voted, each participant is sorted into an opinion group.

Statements: Participants may submit statements for other participants to vote on. Statements are assigned a number in the order they're submitted.

Opinion groups: Groups are made of participants who voted similarly to each other, and differently from the other groups.

This pol.is conversation was run by BTU - HUMAJU. The topic was 'DUST pol.is Lausitz'.

97	94	3,058	43	31.53	3.45
people voted	people grouped	votes were cast	statements were submitted	votes per voter on average	statements per author on average

Raw Data Export (Anonymous)

The following data exports are anonymised. Participants are identifed by an integer representing the order in which they first voted. For a full description of files and columns, please see: https://compdemocracy.org/export/

--------Summary: 2025-07-17-0845-8mm6hnsskt-summary.csv

-------Comments: 2025-07-17-0845-8mm6hnsskt-comments.csv (may take up to several minutes)

--Votes history: 2025-07-17-0845-8mm6hnsskt-votes.csv (as event log)

---Votes matrix: 2025-07-17-0845-8mm6hnsskt-participant-votes.csv (as comments x participants matrix) Comment groups: 2025-07-17-0845-8mm6hnsskt-comment-groups.csv

Public API endpoints (read only, Jupyter notebook friendly)

```
$ curl https://dust-polis.tudelft.nl/api/v3/reportExport/r2zxrcx7dnnthwm73vr8i/summary.csv
$ curl https://dust-polis.tudelft.nl/api/v3/reportExport/r2zxrcx7dnnthwm73vr8i/comments.csv
$ curl https://dust-polis.tudelft.nl/api/v3/reportExport/r2zxrcx7dnnthwm73vr8i/votes.csv
$ curl https://dust-polis.tudelft.nl/api/v3/reportExport/r2zxrcx7dnnthwm73vr8i/participant-votes.csv
$ curl https://dust-polis.tudelft.nl/api/v3/reportExport/r2zxrcx7dnnthwm73vr8i/comment-groups.csv
```

How divisive was the conversation?

Statements (here as little circles) to the left were voted on the same way-either everyone agreed or everyone disagreed. Statements to the right were divisive-participants were split between agreement and disagreement.

How to use this: Hover to see the statement text. Start on the far right to find out what the most divisive statement was.

Consensus statements Divisive statements

Majority

Here's what most people agreed with.

60% or more of all participants voted one way or the other, regardless of whether large amounts of certain minority opinion groups voted the other way.

% Agreed | % Disagreed | % Passed | % Didn't vote

	STATEMENT	OVERALL 94	A 40	B 38	C 16
4	Public transport in the region should be improved through more frequent connections and a better connections to peripheral locations and smaller towns should also be strengthened - for example for example through regular timetables, also in the evening and at weekends.	96% 1% 2% (87)	97% 0% 2% (38)	93% 3% 3% (33)	100% 0% 0% (16)
8	The cycle path network should b e expanded to provide safe and direct connections between urban districts, but also between rural areas and regional centres.	98% 0% 1% (86)	97% 0% 2% (39)	100% 0% 0% (31)	100% 0% 0% (16)
9	The expansion of cycle paths should should be limited, as it reduces the road space for cars and the traffic situation.	16% 78% 4% (83)	0% 94% 5% (37)	3% 96% 0% (30)	81% 6% 12% (16)
10	The websites of municipal and regional institutions should be regularly updated and made and made more user-friendly in order to make information more accessible and to strengthen the participation of the population.	94% 0% 5% (85)	94% 0% 5% (38)	93% 0% 6% (31)	93% 0% 6% (16)
16	There should be more housing for the growing number of students and trainees.	[illegible]	[illegible]	[illegible]	[illegible]
17	The number of students and trainees should be reduced to reduce the pressure on the housing market.	84% 9% 6% (82)	67% 8% 12% (39)	100% 0% 0% (32)	100% 0% 0% (16)
27	More victims' aprons against right-wing violence. violence.	95% 2% 2% (82)	94% 2% 2% (38)	100% 0% 0% (30)	85% 7% 7% (14)

Opinion groups

Across 94 total participants, 3 opinion groups emerged. There are two factors that define an opinion group. First, each opinion group is made up of a number of participants who tended to vote similarly on multiple statements. Second, each group of participants who voted similarly will also have voted distinctly differently from other groups.

Metadata

The demographic breakdown of each group, as self reported by agreeing and disagreeing on statements marked 'metadata' by moderators.

	STATEMENT	OVERALL 94	A 40	B 38	C 16
22	At least in Cottbus already available. Consequence: The communication of these should be strengthened through networking.	37% 1% 61% (83)	27% 0% 72% (36)	34% 0% 65% (32)	66% 6% 26% (15)

Group A: 40 participants

Statements which make this group unique, by their votes:

	STATEMENT	OVERALL 94	A 40	B 38	C 16
30	Participation in public life (especially especially leisure) must be affordable and publicly subsidised. be publicly funded.	97% 1% 1% (70)	100% 0% 0% (33)	95% 4% 0% (23)	92% 0% 7% (14)
40	Temp 30 In the city centre area for more safety for kids	92% 2% 4% (42)	100% 0% 0% (14)	81% 6% 12% (16)	100% 0% 0% (12)
7	Regional mobility should be prioritised through investment in infrastructure and services for e-bikes, e-scooters and other flexible mobility options. Mobility services such as on-demand shuttles should be improved - instead of large-scale expansion of traditional public transport networks.	47% 33% 18% (90)	0% 67% 32% (40)	88% 0% 11% (34)	81% 18% 0% (16)
9	The expansion of cycle paths should be limited, as it reduces the road space available for cars and the traffic situation.	16% 78% 4% (83)	0% 94% 5% (37)	3% 96% 0% (30)	81% 6% 12% (16)

Group B: 38 participants

Statements which make this group unique, by their votes:

	STATEMENT	OVERALL 94	A 40	B 38	C 16
7	Regional mobility should be prioritised through investment in infrastructure and services for e-bikes, e-scooters and other flexible modes of transport. mobility services such as on-demand shuttles - rather than through the large-scale expansion of traditional public transport networks.	47% 33% 18% (90)	0% 67% 32% (40)	88% 0% 11% (34)	81% 18% 0% (16)
3	Existing, previously affordable residential neighbourhoods in Cottbus should remain affordable in the long term, for example through rent control, preservation of the and targeted upgrading without displacement. These neighbourhoods also make an important contribution to attractive and social districts.	93% 1% 5% (86)	86% 0% 13% (38)	100% 0% 0% (32)	93% 6% 0% (16)
16	There should be more flats for the growing number of students and and trainees.	94% 0% 5% (87)	87% 0% 12% (39)	100% 0% 0% (32)	100% 0% 0% (16)
9	The expansion of cycle paths should be limited, as it reduces road space for cars and makes the traffic situation the traffic situation.	16% 78% 4% (83)	0% 94% 5% (37)	3% 96% 0% (30)	81% 6% 12% (16)
17	The number of students and trainees should be reduced in order to ease the pressure on the housing the housing market.	6% 87% 6% (82)	0% 88% 11% (35)	0% 100% 0% (31)	31% 62% 6% (16)

Group C: 16 participants

Statements which make this group unique, by their votes:

	STATEMENT	OVERALL 94	A 40	B 38	C 16
9	The expansion of cycle paths should be limited, as it reduces road space for cars and makes the traffic situation the traffic situation.	16% 78% 4% (83)	0% 94% 5% (37)	3% 96% 0% (30)	81% 6% 12% (16)
11	Instead of investing primarily in websites, municipal and regional institutions should focus more on direct communication formats such as local information events, notice boards or direct contact options on site in order to better reach the population.	63% 16% 20% (85)	62% 13% 24% (37)	46% 28% 25% (32)	100% 0% 0% (16)
5	People in rural areas should be able to afford their own car in order to be flexible and reliable. mobility - especially in smaller towns with limited access to public transport.	45% 26% 28% (91)	20% 40% 40% (40)	57% 20% 22% (35)	81% 6% 12% (16)
23	Lusatia is too often still thinking in parallel - thinking outside the Thinking outside the box means bundling instead of duplicating, shaping instead of managing.	62% 0% 37% (82)	47% 0% 52% (38)	65% 0% 34% (29)	93% 0% 6% (15)
1	The region should specifically attract new people from outside, social professions such as care or education and thus contribute to	67% 13% 19% (88)	44% 18% 36% (38)	79% 14% 5% (34)	93% 0% 6% (16)

contribute to securing these socially important tasks.

Areas of uncertainty

Across all 94 participants, there was uncertainty about the following statements. Greater than 30% of participants who saw these statements 'passed'.

Areas of uncertainty can provide avenues to educate and open dialogue with your community.

	STATEMENT	OVERALL 94	A 40	B 38	C 16
34	Is unfortunately only very rarely actually utilised	8% 6% 84% (59)	4% 8% 88% (25)	0% 10% 90% (20)	28% 0% 71% (14)
22	At least in Cottbus already already exists. Consequence: The communication of these should be be strengthened through networking.	37% 1% 61% (83)	27% 0% 72% (36)	34% 0% 65% (32)	66% 6% 26% (15)
23	In Lusatia, too often people still think in parallel - thinking outside the Thinking outside the box means bundling instead of duplicating, shaping instead of managing.	62% 0% 37% (82)	47% 0% 52% (38)	65% 0% 34% (29)	93% 0% 6% (15)
21	Responsibility for the neighbourhoods should lie entirely should lie entirely with the city administration in order to ensure professional and standardised management	15% 46% 37% (83)	5% 44% 50% (36)	3% 67% 29% (31)	62% 12% 25% (16)

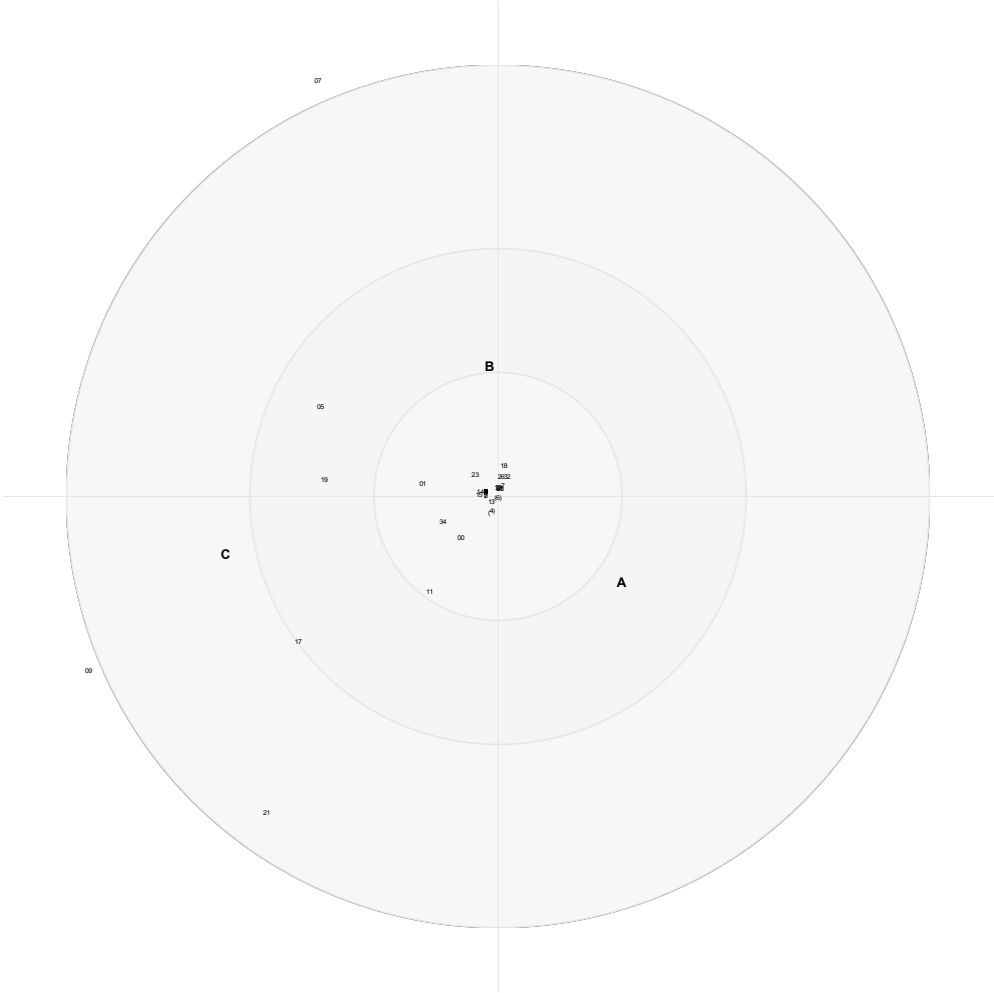
Graph

Which statements were voted on similarly? How do participants relate to each other?

In this graph, statements are positioned more closely to statements which were voted on similarly. Participants, in turn, are positioned more closely to statements on which they agreed, and further from statements on which they disagreed. This means participants who voted similarly are closer together.

Axes | Radial axes | Statements | Participants (bucketised) | Group outline | Group labels

Click a statement, identified by its number, to explore regions of the graph.



All statements

Group votes across all statements, excluding those statements which were moderated out.

Sort by: Statement Id

	STATEMENT	OVERALL 94	A 40	B 38	C 16
0	Young people from the region should be specifically trained and inspired for social professions such as care or education. As these are currently are currently mainly practised by older people, there is a need for better training programmes and working conditions to make these professions more attractive to the younger generation.	77% 12% 10% (88)	73% 15% 10% (38)	73% 14% 11% (34)	93% 0% 6% (16)
1	The region should specifically attract new people from outside, social professions such as care or education and thus contribute to and thus contribute to securing these socially important tasks.	67% 13% 19% (88)	44% 18% 36% (38)	79% 14% 5% (34)	93% 0% 6% (16)
	New, affordable living space should be created in central locations in Cottbus, for example through a mix of rental flats				

2	mixture of rented flats subsidised housing and cooperative models. In this way, attractive, lively neighbourhoods neighbourhoods can be created for different population groups.	92% 2% 4% (84)	89% 0% 10% (37)	93% 6% 0% (31)	100% 0% 0% (16)
3	Existing, previously affordable residential neighbourhoods in Cottbus should remain affordable in the long term, for example through rent control, preservation of the and targeted upgrading without displacement. These neighbourhoods also make an important contribution to attractive and social districts.	93% 1% 5% (86)	86% 0% 13% (38)	100% 0% 0% (32)	93% 6% 0% (16)
4	Local public transport in the region should be improved through more frequent connections and better connections, including to peripheral locations and smaller towns - for example for example through regular timetables, including in the evening and at weekends.	96% 1% 2% (87)	97% 0% 2% (38)	93% 3% 3% (33)	100% 0% 0% (16)
5	People in rural areas should be able to afford their own car in order to remain flexible and reliably mobile mobility - especially in smaller towns with limited access to public transport.	45% 26% 28% (91)	20% 40% 40% (40)	57% 20% 22% (35)	81% 6% 12% (16)
6	The regional connection between Cottbus, smaller towns and the surrounding area should be improved by a better developed public public transport network - for example through direct connections, better timetables and attractive transfer options.	93% 2% 4% (89)	89% 2% 7% (39)	97% 0% 2% (34)	93% 6% 0% (16)
7	Regional mobility should be prioritised by investing in infrastructure and services for e-bikes, e-scooters and other flexible mobility services such as on-demand shuttles mobility services such as on-demand shuttles - rather than through the large-scale expansion of traditional public transport networks.	47% 33% 18% (90)	0% 67% 32% (40)	88% 0% 11% (34)	81% 18% 0% (16)
8	The cycle path network should b e expanded to provide safe and direct connections between urban districts, but also between rural areas and regional centres.	98% 0% 1% (86)	97% 0% 2% (39)	100% 0% 0% (31)	100% 0% 0% (16)
9	The expansion of cycle paths should be limited, as it reduces road space for cars and makes the the traffic situation.	16% 78% 4% (83)	0% 94% 5% (37)	3% 96% 0% (30)	81% 6% 12% (16)
10	The websites of municipal and regional institutions should be regularly updated and made more user-friendly to make information more accessible and accessible and strengthen the participation of the population.	94% 0% 5% (85)	94% 0% 5% (38)	93% 0% 6% (31)	93% 0% 6% (16)
11	Instead of investing primarily in websites, municipal and regional institutions should focus more on direct communication formats such as local information events, notice boards or direct contact options on site in order to better reach the population.	63% 16% 20% (85)	62% 13% 24% (37)	46% 28% 25% (32)	100% 0% 0% (16)
12	Affordable leisure activities for young people, such as bowling or bouldering, should be offered in the be offered in the city centre.	88% 1% 10% (86)	81% 2% 15% (38)	93% 0% 6% (32)	93% 0% 6% (16)
13	The city centre of Cottbus should be a place with a wide range of catering and places to go out.	83% 3% 12% (86)	72% 2% 24% (37)	90% 6% 3% (33)	93% 0% 6% (16)
14	There should be projects that help older people to learn about digital tools such as apps or online shopping. or online shopping.	78% 2% 19% (89)	66% 2% 30% (39)	82% 2% 14% (34)	100% 0% 0% (16)
15	The city should offer physical shops and services f o r people who cannot or do not want to use digital cannot or do not want to use digital services.	78% 3% 18% (87)	63% 5% 31% (38)	84% 3% 12% (33)	100% 0% 0% (16)
16	There should be more flats for the growing number of students and trainees.	94% 0% 5% (87)	87% 0% 12% (39)	100% 0% 0% (32)	100% 0% 0% (16)
17	The number of students and trainees should be reduced in order to to reduce the pressure on the housing market.	6% 87% 6% (82)	0% 88% 11% (35)	0% 100% 0% (31)	31% 62% 6% (16)
18	Transparency in the distribution of of public budget funds should be significantly improved.	78% 3% 17% (84)	73% 2% 23% (38)	86% 0% 13% (30)	75% 12% 12% (16)
19	The distribution of public budget funds should be decided solely by the should decide on the distribution of public funds.	17% 56% 26% (80)	2% 57% 40% (35)	17% 68% 13% (29)	50% 31% 18% (16)
20	Youth neighbourhood management should be set up in all districts to enable young people to play an active role in shaping their neighbourhood.	85% 5% 9% (87)	84% 5% 10% (38)	81% 9% 9% (33)	93% 0% 6% (16)

21	Responsibility for the neighbourhoods should lie entirely The responsibility for the neighbourhoods should lie entirely with the city administration in order to ensure professional and uniform management.	15% 46% 37% (83)	5% 44% 50% (36)	3% 67% 29% (31)	62% 12% 25% (16)
22	Already in place, at least in Cottbus. Consequence: The communication of these should be be strengthened through networking.	37% 1% 61% (83)	27% 0% 72% (36)	34% 0% 65% (32)	66% 6% 26% (15)
23	In Lusatia, too often people still think in parallel - thinking outside the Thinking outside the box means: bundling instead of duplicating, shaping instead of managing.	62% 0% 37% (82)	47% 0% 52% (38)	65% 0% 34% (29)	93% 0% 6% (15)
26	Contact point against right-wing violence in everyday life must be strengthened.	92% 3% 3% (83)	89% 5% 5% (38)	96% 0% 3% (31)	92% 7% 0% (14)
27	More victim apron against right-wing violence.	95% 2% 2% (82)	94% 2% 2% (38)	100% 0% 0% (30)	85% 7% 7% (14)
29	Shift work is strenuous and unhealthy, so pay must be much higher therefore the pay must be much higher - important professions need funding. Appreciation	93% 1% 5% (72)	88% 2% 8% (34)	95% 0% 4% (24)	100% 0% 0% (14)
30	Participation in public life (especially leisure activities) must be affordable and publicly subsidised. be publicly subsidised.	97% 1% 1% (70)	100% 0% 0% (33)	95% 4% 0% (23)	92% 0% 7% (14)
31	Please also consider accessibility attention	89% 0% 10% (67)	86% 0% 13% (30)	95% 0% 4% (23)	85% 0% 14% (14)
32	Yes, preferably barrier-free and as diverse as possible	89% 4% 5% (68)	93% 3% 3% (30)	95% 0% 4% (24)	71% 14% 14% (14)
33	Yes, it is also important that there is enough affordable barrier-free Living space gives	97% 0% 2% (68)	96% 0% 3% (30)	100% 0% 0% (24)	92% 0% 7% (14)
34	is unfortunately very rarely actually utilised utilised	8% 6% 84% (59)	4% 8% 88% (25)	0% 10% 90% (20)	28% 0% 71% (14)
36	There must be space for the subculture. To achieve this, cultural venues must be cultural centres must be upgraded trans-generationally. Young people should help shape the city	89% 1% 9% (55)	87% 0% 12% (24)	84% 5% 10% (19)	100% 0% 0% (12)
37	Public transport in rural areas should be areas should be expanded and, above all more efficient.	98% 0% 1% (54)	95% 0% 4% (24)	100% 0% 0% (18)	100% 0% 0% (12)
39	Instead of building new shopping centres on the outskirts and multi-storey car parks in city centre, large pedestrian zones + cycle paths must be built	90% 0% 9% (42)	85% 0% 14% (14)	87% 0% 12% (16)	100% 0% 0% (12)
40	Temp 30 in the city centre for more safety for kids	92% 2% 4% (42)	100% 0% 0% (14)	81% 6% 12% (16)	100% 0% 0% (12)
41	For an open and liveable region region requires low-threshold offers and more investment in social and social issues and sustainability!	100% 0% 0% (35)	100% 0% 0% (10)	100% 0% 0% (14)	100% 0% 0% (11)
42	In future, thinking and planning must be supra-regional. The measures often have a wider impact than just on the urban space!	93% 0% 6% (31)	90% 0% 10% (10)	91% 0% 8% (12)	100% 0% 0% (9)

2.4. Pol.is in Stara Zagora

2.4.1. Pol.is input

2.4.1.1. Input WS3: Exemplary draft seed statements

Table 20 presents the SS introduced in WS3. Additional information about SS concerns:

- **Original statements** are highlighted in **bold.** Is the statement an original SS or a nuanced version?
- **Related TC aspects:** SSs are composed of relations between TC aspects — this column lists the key TC aspects addressed in the statement.
- **Preferred future (PF)**: Is at least one of the TC aspects mentioned in LECs' preferred futures?
- **Policy relevance (PR):** Is at least one of the TC aspects mentioned in policies?
- **Groundedness** / importance for communities **(G)**: Addresses at least one TC aspect with high degree of groundedness in community futures (based on WS2 analyses)?
- **Mirror statement (M)**: Is the statement a 'mirror' of an original SS? This as opposed to an original SS.

Table 17 Stara Zagora / Input WS3: Exemplary draft seed statements

#	Seed statement Input WS3	Related TC aspects	PF	PR	G	M
	Case study region: Stara Zagora					
1	**Education needs to be more connected to labour market needs to prepare students for real careers.**	Education Career Development Jobs	x		x	
2	Schools need to prepare broad-based professionals, not just a workforce for business.	Education Career Development Jobs				x
3	**Students should receive career guidance starting in junior high school.**	Education		x	x	
4	Young people need to discover their own interests, without early guidance.	Education	x	x	x	x
5	**Vocational education should be a priority to meet labour market needs.**	Education Career Development Jobs		x	x	
6	It is more important to promote adaptability and innovation than narrow vocational specialisation.	Education Career Development Jobs				x
7	**Local government should support vocational schools as a priority to reduce the shortage of technical specialists.**	Education Career Development; Jobs		x	x	
8	Employers, not local government, should invest in the training of technical specialists.	Education Career Development Jobs				x
9	**Digital technology can make learning more interesting and accessible.**	Education Technology & Digital Transformation				
10	Traditional learning methods encourage better critical thinking.	Education Technology & Digital Transformation				
11	**STEM (science, technology, engineering, math) students should receive more support**	Education Technology & Digital Transformation		x	x	
12	All majors should be equitable - technology is not the only priority.	Education				x

#	Seed statement Input WS3	Related TC aspects	PF	PR	G	M
		Technology & Digital Transformation				
13	**The Stara Zagora region should establish itself as a digital hub for high-tech companies.**	Technology & Digital Transformation	x	x	x	
14	Priority should be given to the development of traditional industries rather than investment in uncertain technologies.	Technology & Digital Transformation				x
15	**Local government should invest in technology hubs that encourage startups and innovation.**	Technology & Digital Transformation	x	x	x	
16	The focus should be on stable businesses that provide long-term employment.	Technology & Digital Transformation				x
17	**High-speed internet and 5G networks should be a priority for the region's digital transformation.**	Technology & Digital Transformation	x	x	x	
18	Other infrastructure projects, such as transport and energy efficiency, are more important for the development of the region.	Technology & Digital Transformation				x
19	**Trakia University should develop its campus on a western model.**	Education	x	x	x	
20	Focus should be on digitalization and more flexible forms of learning, not new buildings.	Education				x
21	**Parks should offer more sports facilities and bike paths.**	Green space Sports facilities Bike Infrastructure				
22	Green spaces should remain spaces for rest and recreation.	Green space				x
23	**There should be more car restricted areas in the city.**	Car free areas				
24	Car restrictions can make getting around difficult and harm local businesses.	Car free areas				x
25	**Local government should invest in more modern and environmentally friendly public transport.**	Public transport	x		x	
26	Improving road infrastructure is more important than developing public transport.	Car infrastructure		x		x
27	**Sports and cultural events should be made accessible to all through public means.**	Sport and cultural facilities Institutional capital	x	x	x	x
28	Funding for sport and culture should be provided mainly by private initiatives.	Sport and cultural facilities Private capital				x
29	**Local government should prioritise attracting international companies to create new jobs.**	International companies Jobs Government support	x	x	x	
30	Local businesses should be a priority instead of incentivizing foreign investors.	Local businesses	x			x

2.4.1.2. Output WS3: Seed statements

Table 21 shows the updated list of SS after WS3. Additional columns indicate if a statement is new (N) or has been significantly modified or moderated out (MO). Additional information describing the statements concerns:

- **Original statements** are highlighted in **bold.** Is the statement an original SS or a nuanced version?
- **Related TC aspects:** SSs are composed of relations between TC aspects — this column lists the key TC aspects addressed in the statement.
- **Preferred future (PF):** Is at least one of the TC aspects mentioned in LECs' preferred futures?
- **Policy relevance (PR)**: Is at least one of the TC aspects mentioned in policies?
- **Groundedness**/importance for communities **(G)**: SS addresses at least one TC aspect with a high degree of groundedness in community futures (based on WS2 analyses).
- **Mirrored statement (M)**: Is the statement a 'mirror' of an original SS? This as opposed to an original SS.
- **New statement (N):** Is the statement new? This as opposed to a SS that has served as input to WS3.

- **Moderated out (MO):** Statement which was moderated out or significantly modified by participants in WS3.

Table 18 Stara Zagora / Output WS3 Seed statements

#	Seed statement Output WS3	Related TC aspects	PF	PR	G	M	N	MO
	Case study region: Stara Zagora							
1	**Education needs to be more closely linked to labour market needs.**	Education Career Development Jobs	x		x			
2	Education should not only serve business, but develop adaptable and critical skills.	Education Career Development Jobs				x		
3	**Vocational guidance should start from lower secondary school.**	Education		x	x			
4	Early vocational guidance limits the development of interests.	Education	x	x	x	x		
5	**Digital technology can make learning more accessible and engaging.**	Education Technology & Digital Transformation						
6	~~Traditional learning methods encourage better critical thinking.~~	Education				x		x
7	Excessive digitization can impair critical thinking and social skills.	Education Technology & Digital Transformation				x	x	
8	**Digitalisation should be integrated at all levels of education, complementing traditional methods.**	Education Technology & Digital Transformation					x	
9	Digital technologies should be introduced only after a certain age and provided that teachers are prepared to use them effectively.	Education Technology & Digital Transformation				x	x	
10	**Support for students in STEM (science, technology, engineering, math) majors should be increased.**	Education		x	x			
11	All majors should be on an equal footing, not just technical majors.	Education				x		
12	**The ~~Stara Zagora~~ region should establish itself as a digital hub for ~~high-tech~~ innovative companies.**	Technology & Digital Transformation	x	x	x			x
13	The development of traditional industries should not be neglected.	Traditional industries				x		
14	~~Priority should be given to the development of traditional industries rather than investment in uncertain technologies.~~	Technology & Digital Transformation				x		x
15	**Local government should encourage innovation through technology centres.**	Technology & Digital Transformation	x	x	x			x
16	Long-term employment and stable local businesses should be a priority.	Jobs Businesses				x		
17	~~**High-speed internet and 5G networks should be a priority for the region's digital transformation.**~~ High-speed internet is key to digitisation and the future of young people.	Technology & Digital Transformation	x	x	x			x
18	~~Other infrastructure projects, such as transport and energy efficiency, are more important for the development of the region.~~ **Internet infrastructure is not a priority for the region.**	Technology & Digital Transformation				x		x
19	~~**Trakia University should develop its campus on a western model.**~~	Education	x	x	x			x
20	~~Focus should be on digitalization and more flexible forms of learning, not new buildings~~.	Technology & Digital Transformation Education				x		x
21	**Parks should offer more sports facilities and bike paths.**	Sports and cultural facilities Bike infrastructure						
22	Green spaces should remain spaces for rest and recreation.	Green space				x		
23	**Public transport should be environmentally friendly and modern.**	Public transport Green technology	x		x		x	
24	Improving road infrastructure is more urgent for the region.	Car infrastructure		x		x		

#	Seed statement Output WS3	Related TC aspects	PF	PR	G	M	N	MO
25	**Restricted areas for cars should be increased.**	Car free areas						
26	Restricting access makes it difficult for local businesses and citizens to get around.	Car infrastructure				x		
27	~~**Local government should invest in more modern and environmentally friendly public transport.**~~	Public transport Green technology	x	x	x	x		x
28	~~Improving road infrastructure is more important than developing public transport.~~	Car infrastructure		x		x		x
29	**Development of green transportation should prioritize public and active transport infrastructure (biking, walking) instead of private cars.**	Public transport Green technology Bike infrastructure	x	x	x		x	
30	The purchase of low emission private vehicles should be encouraged through grants and improved infrastructure.	Car infrastructure Green technology	x	x	x	x	x	
31	**Sports and cultural events should be made accessible to all through public means.**	Sports and cultural facilities Institutional capital	x	x	x			
32	~~Funding for sport and culture should be provided mainly by private initiatives.~~	Sports and cultural facilities Private capital						x
33	If sports and cultural events are free, they will not be valued.	Sports and cultural facilities				x	x	
34	~~**Local government should prioritise attracting international companies to create new jobs.**~~	Institutional capital International companies Jobs						x
35	~~Local businesses should be a priority instead of incentivizing foreign investors.~~	Local businesses						x

2.4.1.3. Final Pol.is input

Table 22 lists the SS which were the final input for Pol.is. Column (N) indicates new statements and column (MO) indicates whether a statement was moderated out based on WS3 debates or based on reviews following Pol.is guidelines. Additional information about the statements concerns:

- **Original statements** are highlighted in **bold.** Is the statement an original SS or a nuanced version?
- **Related TC aspects:** SSs are composed of relations between TC aspects — this column lists the key TC aspects addressed in the statement.
- **Preferred future (PF):** Is at least one of the TC aspects mentioned in LECs' preferred futures?
- **Policy relevance (PR)**: Is at least one of the TC aspects mentioned in policies?
- **Groundedness** / importance for communities **(G)**: SS refers to at least one TC aspect with a high degree of groundedness in community futures (based on WS2 analyses).
- **Mirrored statement (M)**: Is the statement a 'mirror' of an original SS? This as opposed to an original SS.
- **New statement (N):** Is the statement new? This as opposed to a SS that has served as input of WS3.
- **Moderated out (MO):** Statement which was moderated out or significantly modified by participants in workshop 3.

Table 19 Stara Zagora / Final Pol.is input

#	Seed statement Final Pol.is input	Related TC aspects	PF	PR	G	M	N	MO
	Case study region: Stara Zagora							

#	Seed statement Final Pol.is input	Related TC aspects	PF	PR	G	M	N	MO
1	**Education needs to be more closely linked to labour market needs.**	Education Career Development Jobs	x	x	x			
2	Education should not only serve business, but develop adaptable and critical skills.	Education Career Development Jobs				x		
3	**Vocational guidance should start from lower secondary school.**	Education			x			
4	Early vocational guidance limits the development of interests.	Education		x	x	x		
5	**Digital technology can make learning more accessible and engaging.**	Education Technology & Digital Transformation						
7	Excessive digitization can impair critical thinking and social skills.	Education Technology & Digital Transformation				x		
8	**Digitalisation should be integrated at all levels of education, complementing traditional methods.**	Education Technology & Digital Transformation						
9	Digital technologies should be introduced only after a certain age and provided that teachers are prepared to use them effectively.	Education Technology & Digital Transformation				x		
10	**Sports and cultural events should be made accessible to all through public means.**	Sports and cultural facilities Institutional capital	x	x	x			
11	If sports and cultural events are free, they will not be valued.	Sports and cultural facilities				x	x	
12	**Parks should offer more sports facilities and bike paths.**	Sports and cultural facilities Bike infrastructure						
13	Green spaces should remain spaces for rest and recreation.	Green space				x		
14	**Public transport should be environmentally friendly and modern.**	Public transport Green technology	x		x		x	
15	Improving road infrastructure is more urgent for the region.	Car infrastructure		x	x		x	
16	**Restricted areas for cars should be increased.**	Car free areas						x
17	Restricting access makes it difficult for local businesses and citizens to get around.	Car infrastructure				x		
18	**Development of green transportation should prioritize public and active transport infrastructure (biking, walking) instead of private cars.**	Public transport Green technology Active transport infrastructure	x		x		x	
19	The purchase of low emission private vehicles should be encouraged through grants and improved infrastructure.	Car infrastructure Green technology	x	x	x	x	x	
20	**Local government should encourage innovation through technology centres.**	Institutional capital Technology & Digital Transformation	x	x	x		x	
21	Long-term employment and stable local businesses should be a priority.	Jobs Local businesses	x			x		
22	**The region should establish itself as a digital hub for innovative companies.**	Technology & Digital Transformation Business innovation	x	x	x			x
23	The development of traditional industries should not be neglected.	Traditional industries	x			x		
24	**Support for students in STEM (science, technology, engineering, math) majors should be increased.**	Education		x	x			
25	All majors should be on an equal footing, not just technical majors.	Education				x		
26	**Employers and local government should invest jointly in vocational education.**	Private capital Institutional capital Education	x		x		x	
27	The labour market alone should be the driver for training.	Private capital Education				x		
28	**Internet infrastructure is not a priority for the region.**	Technology & Digital Transformation						x
29	High-speed internet is key to digitisation and the future of young people.	Technology & Digital Transformation	x	x	x	x		x

2.4.2. Pol.is information campaign

- Summary channels used
- Summary promotional material used
- Summary target audiences reached (estimation)

Table 20 Stara Zagora / Used communication channels

Target audience Please list the group you reached via the channels listed. When known, please add the estimated amount of persons reached in brackets, for example: 'Retired miners (ca. 50)'.	**Distribution channel / media** Please list the distribution channel / media *here, for example: 'Poster', 'Postcards' or 'Social media post on Facebook'*	**Practical information** Please add practical information on the distribution channel such as location details. This can be, for example, and address of a meeting place.
General public in the Stara Zagora region	Paid Facebook advertisements (7 in total), including video reels	Distributed through Facebook, targeting local users; reels featured campaign visuals and questions linked to participation
General public	Posters	Displayed in visible public locations across Stara Zagora, including the town center and the Holiday Park shopping mall
General public, agency partners	Flyers	Shared digitally via email and physically as part of the broader Europe Day (9 May) outreach campaign
General public, Workshop 4 participants	Postcards	Distributed alongside flyers during the 9 May campaign and during Workshop 4 events
Business community representatives	Emails	23 personalized outreach emails sent; additionally, the Chamber of Commerce in Stara Zagora was asked to circulate the campaign through its partner network

Table 21 Stara Zagora / Used promotional visual materials

Promotional visual material	Used (yes / no)	Additional information
Initial information posts	no	No dedicated informational video was created for this campaign.
Brief videos	yes	7 short Facebook video reels (6–20 sec), each used as an ad. Designed to grab attention with key statements and link to the Pol.is platform.
Animated .gifs	no	Not used in the campaign, not relevant to audience.
Poster	yes	Posters with campaign visuals and QR codes were displayed in key public areas: town center, Holiday Park, Drama Theatre entrance.
Postcards	yes	Distributed during Europe Day events and field visits to municipalities; visually branded and used alongside flyers. Also during WS4.
Other	yes	Facebook page of the Regional Economic Development Agency posted campaign info (April 11 and April 28). Flyers were also distributed physically during Europe Day campaign.

Figure 3 Stara Zagora / Examples promotional material used

Образованието трябва да се свърже по-тясно с нуждите на пазара на труда.

Съгласни ли сте с това твърдение? Включете се в дискусията!

2.4.3. Pol.is use

2.4.3.1. Pol.is use in general

- Summary use of Pol.is (see table below)
- **Start date:** 3 April 2025 / **End date:** 13 May 2025 / **Duration:** 41 days

Table 22 Stara Zagora / Pol.is use

	#	Additional information
People voted	108	
People grouped	86	3 opinion groups emerged
Votes were cast	2520	
Statements were submitted	73	
Votes per voter on average	23.34	
Statements per author on average	7	

2.4.3.2. Moderation of Pol.is use

- How many statements were moderated out and when?
  A total of 45 statements were moderated out across the duration of the Pol.is activity. The moderation occurred in multiple rounds. The first wave took place shortly after launch, focusing on initial statements that did not align with discussion guidelines. Subsequent moderation rounds were performed weekly, aligned with ongoing monitoring of

participant interactions. These actions ensured the platform remained inclusive and constructive throughout the engagement period.

- What were main reasons for moderating out statements?
  Moderation followed clear principles prioritizing respect, relevance, and clarity. Statements were typically moderated out due to:
  - Irrelevance or ambiguity: Phrases that were unclear or did not relate to the topic.
  - Duplicate content: Repetition of ideas already expressed in existing statements.
  - Unverified assumptions or misleading content: Posts that introduced misinformation or conjecture without evidence.
  - Inflammatory or dismissive tone: Although rare, some statements were excluded for being dismissive of other views or overly confrontational.

- Refinement of strategy over time?
  The moderation strategy became more nuanced as the campaign progressed. In the early phase, moderation was relatively strict to establish a tone of civility and thematic focus. As participants became more accustomed to the format and expectations:
  - Moderators allowed for broader interpretation of thematic relevance, enabling diverse viewpoints to be shared even if phrased unconventionally.
  - Some borderline cases were retained if they stimulated meaningful conversation or reflected minority concerns respectfully.
  - Feedback loops with participants, through informal monitoring and comment reviews, informed adjustments in how inclusiveness and clarity were balanced.

2.4.4. Pol.is output

- Pol.is output — Qualifying Seed Statements
- Pol.is report (English translation)

2.4.4.1. Pol.is output – Qualifying Seed Statements

Table 25 shows the output statements from Pol.is and provides additional data on how much consensus (CS), polarisation (PS), and agreement (A) the statements generated among participants. SS are assessed based on the following aspects:

- **Related TC aspects:** SSs are composed from relations between TC aspects — this column lists the key TC aspects addressed in the statement.
- **Preferred future (PF):** Is at least one of the TC aspects mentioned in LECs' preferred futures?
- **Groundedness / importance for communities (G):** Has at least one of the TC aspects a high degree of groundedness in community futures?
- **Policy relevance (PR):** Is at least one of the TC aspects mentioned in policies?
- **Mirrored statement (M):** Is the statement a 'mirror' of an original SS? This as opposed to an original SS.
- **New statement (N):** Is the statement new? This as opposed by a SS that has served as input to Pol.is.
- **Consensus Statement (CS):** Is the statement classified as a consensus statement among opinion groups in Pol.is? Do opinion groups show similar levels of agreement or disagreement with the statement?

- **Polarising Statement (PS):** Is there a significant difference in agreement or disagreement between opinion groups about the statement?
- **Agreement:** Is there a high percentage of agreement on the statement amongst all opinion groups?

Table 23 Table Stara Zagora/ Pol.is output

#	Seed statement Pol.is Output	Related TC aspects	PF	PR	G	M	N	CS	PS	A
	Case study region: Stara Zagora									
1	**Education needs to be more closely linked to labour market needs.**	Education Career Development Jobs	x	x	x			x		x
2	Education should not be subject only tonthe needs of the market, but to develop critical thinking, flexibility and life skills.	Education Career Development Jobs	x	x	x	x				x
3	**Digital technology can make learning more accessible and engaging.**	Education Technology & Digital Transformation							x	x
4	Excessive digitization can impair critical thinking and social skills.	Education Technology & Digital Transformation				x			x	x
5	**Both employers and local government should invest jointly in vocational education.**	Education Private capital Institutional capital	x		x		x	x		x
6	**Introduction to education activities to strengthen the bond of children and young people with nature.**	Education	x				x			x
7	**Parks should offer more sports facilities and bike paths.**	Sports and cultural facilities Active mobility infrastructure Green spaces								x
8	Green spaces should remain spaces for rest and recreation.	Green spaces				x				x
9	**Cultural programme to be expanded with new events and festivals. To have more sports events, culinary events, events for children, etc.**	Cultural programs	x	x			x			x
10	**Focus on clean food, clean water, clean air for every citizen and location in the region.**	Climate & Environment	x	x	x		x	x		x
11	**Stop the logging trees at the expense of housing cooperatives.**	Green space	x	x			x			x
12	**Create recreational spaces in nature.**	Sports and recreation facilities Green space	x	x			x			x
13	**Public transport in region should be more efficient, environmentally friendly and modern.**	Public transport	x		x		x			x
14	Improving road infrastructure is urgent for the region.	Car infrastructure		x	x	x	x			x
15	**Transport infrastructure development should encourage active movement of citizens (cycling, walking) instead of using private cars.**	Active mobility infrastructure	x		x		x			x
16	The purchase of low emission private vehicles should be encouraged through grants and improved infrastructure.	Car infrastructure Green technology	x	x	x	x	x		x	x
17	**The region should establish itself as a digital hub for innovative companies.**	Business innovation Technology & Digital Transformation	x	x	x			x		x

18	The development of traditional industries should not be neglected.	Traditional industries	x			x				x
19	**A regional circular economy to satisfy all basic needs of the population related to the physical survival and development.**	Regional circular economy					x			x
20	**Decentralized industry and create economic activity in all localities in the region.**	Decentralised local economy					x			x
21	**Internet infrastructure is not a priority for the region.**	Technology & Digital Transformation						x		
22	High-speed internet is key to digitisation and the future of young people.	Technology & Digital Transformation	x	x	x	x		x		
23	**Work with businesses to ensure Decent wages, more benefits.**	Jobs	x	x	x		x	x		x
24	**To work together with business for decent pay, more social benefits and better working conditions.**	Jobs Collaboration					x			x
25	**In projects related to the development of the city to involve people of all ages, ethnicities, social groups.**	Participation Social inclusion					x			x
26	**Create a community of volunteers to help at various events and promote mutual aid between people.**	Community					x			x
27	**Optimisation of processes and performance of municipal administration.**	Institutional capital (Municipal)					x			x
28	**Improve the quality of the repairs carried out. Maintenance and protection of municipal property.**	Municipal property	x	x	x		x	x		x

2.4.4.2. Pol.is report

This chapter includes the final Pol.is report from Stara Zagora, as exported from Pol.is application and automatically translated to English.

Report https://dust-polis.tudelft.nl/4k8a4nuzea

auto-refresh

color blind mode

Overview

Pol.is is a real-time survey system that helps identify the different ways a large group of people think about a divisive or complicated topic. Here's a basic breakdown of some terms you'll need to know in order to understand this report.

Participants: These are the people who participated in the conversation by voting and writing statements. Based on how they voted, each participant is sorted into an opinion group.

Participants may submit statements for other
Statements are assigned a number in the order they're submitted.

Opinion groups: Groups are made of participants who voted similarly to each other, and differently from the other groups.

The topic was 'Imagine the future of Stara Zagora region...'.

108	86	2,520	73	23.33	7.00
people voted	people grouped	votes were cast	statements were submitted	votes per voter on average	statements per author on average

Raw Data Export (Anonymous)

The following data exports are anonymized. Participants are identified by an integer representing the order in For a full description of files and columns, please see: https://compdemocracy.org/export/

--------Summary: 2025-06-30-1458-4k8a4nuzea-summary.csv

-------Comments: 2025-06-30-1458-4k8a4nuzea-comments.csv (may take up to several minutes)

--Votes history: 2025-06-30-1458-4k8a4nuzea-votes.csv (as event log)

---Votes matrix: 2025-06-30-1458-4k8a4nuzea-participant-votes.csv (as comments x participants matrix) Comment

groups: 2025-06-30-1458-4k8a4nuzea-comment-groups.csv

Public API endpoints (read only, Jupyter notebook friendly)

$ curl https://dust-polis.tudelft.nl/api/v3/reportExport/r59mbdefzc6sh6mfcvyrm/summary.csv

```
$ curl https://dust-polis.tudelft.nl/api/v3/reportExport/r59mbdefzc6sh6mfcvyrm/comments.csv
$ curl https://dust-polis.tudelft.nl/api/v3/reportExport/r59mbdefzc6sh6mfcvyrm/votes.csv
$ curl https://dust-polis.tudelft.nl/api/v3/reportExport/r59mbdefzc6sh6mfcvyrm/participant-votes.csv
$ curl https://dust-polis.tudelft.nl/api/v3/reportExport/r59mbdefzc6sh6mfcvyrm/comment-groups.csv
```

How divisive was the conversation?

Statements (here as little circles) to the left were voted on the same way-either everyone agreed or everyone disagreed. Statements to the right were divisive-participants were split between agreement and disagreement.

How to use this: Hover to see the statement text. Start on the far right to find out what the most divisive statement was.

Consensus statements

Majority

Here's what most people agreed with.

60% or more of all participants voted one way or the other, regardless of whether large amounts of certain minority opinion groups voted the other way.

% Agreed | % Disagreed | % Passed | % Didn't vote

	STATEMENT	OVERALL 86	A 19	B 27	C 40
1	Education should not be subject only to needs of the market, but to develop critical thinking, flexibility and life skills.	91% 2% 6% (83)	84% 5% 10% (19)	88% 4% 8% (25)	97% 0% 2% (39)

20 Both employers and local government need to invest jointly in vocational education.	89% 4% 6% (83)	78% 5% 15% (19)	100% 0% 0% (26)	86% 7% 5% (38)
31 Focus on clean food, clean water, clean air for every citizen location in the region.	90% 4% 5% (75)	89% 5% 5% (19)	75% 10% 15% (20)	100% 0% 0% (36)
49 Work with businesses to ensure decent wages, more benefits, and better working conditions.	92% 2% 5% (77)	100% 0% 0% (19)	85% 4% 9% (21)	91% 2% 5% (37)
52 Improve the quality of of the repairs carried out. Maintenance and protection of municipal property	95% 3% 1% (60)	86% 6% 6% (15)	94% 5% 0% (18)	100% 0% 0% (27)

Opinion Groups

Across 86 total participants, 3 opinion groups emerged. There are two factors that define an opinion group. First, each opinion group is made up of a number of participants who tended to vote similarly on multiple statements. Second, each group of participants who voted similarly will have also voted distinctly differently from other groups.

Group A: 19 participants

Statements which make this group unique, by their votes:

STATEMENT	OVERALL 86	A 19	B 27	C 40
49 To work together with business for a decent pay, more social benefits and better working conditions.	92% 2% 5% (77)	100% 0% 0% (19)	85% 4% 9% (21)	91% 2% 5% (37)
5 Over-digitalisation can impair critical thinking and social skills.	60% 25% 14% (85)	73% 10% 15% (19)	3% 74% 22% (27)	92% 0% 7% (39)

Group B: 27 participants

Statements which make this group unique, by their votes:

STATEMENT	OVERALL 86	A 19	B 27	C 40
6 Digitalisation should integrated at all levels of education, complementing traditional methods.	74% 15% 9% (83)	15% 52% 31% (19)	96% 0% 3% (26)	89% 7% 2% (38)
20 Both employers and local government need to invest jointly in vocational education.	89% 4% 6% (83)	78% 5% 15% (19)	100% 0% 0% (26)	86% 7% 5% (38)

10	Parks should offer more sports facilities and bike paths.	76% 13% 9% (82)	63% 15% 21% (19)	88% 7% 3% (26)	75% 16% 8% (37)
4	Digital technologies can to make learning more accessible and engaging.	71% 16% 12% (83)	26% 52% 21% (19)	84% 0% 16% (25)	84% 10% 5% (39)
5	Over-digitisation can impair critical thinking and social skills.	60% 25% 14% (85)	73% 10% 15% (19)	3% 74% 22% (27)	92% 0% 7% (39)

Group C: 40 participants

Statements which make this group unique, by their votes:

STATEMENT		OVERALL 86	A 19	B 27	C 40
5	Excessive digitisation can impair critical thinking and social Skills.	60% 25% 14% (85)	73% 10% 15% (19)	3% 74% 22% (27)	92% 0% 7% (39)
7	Digital technologies should only be introduced into the educational process after a certain age and provided that teachers are prepared to use them effectively.	77% 16% 5% (85)	78% 5% 15% (19)	51% 40% 7% (27)	94% 5% 0% (39)
17	The purchase of personal low emission vehicles should be encouraged through grants/reduced fees and improved infrastructure (charging stations, parking spaces, etc.).	75% 15% 9% (85)	26% 43% 21% (19)	77% 11% 11% (27)	92% 5% 2% (39)
11	Green areas should remain primarily for rest and recreation.	84% 4% 10% (83)	78% 10% 10% (19)	69% 7% 23% (26)	97% 0% 2% (38)
48	Decentralise industry and create economic activity in all localities in the region.	80% 6% 13% (76)	68% 10% 21% (19)	65% 15% 20% (20)	94% 0% 5% (37)

Areas of uncertainty

Across all 86 participants, there was uncertainty about the following statements. Greater than 30% of participants who saw these statements 'passed'.

Areas of uncertainty can provide avenues to educate and open dialogue with your community.

STATEMENT		OVERALL 86	A 19	B 27	C 40

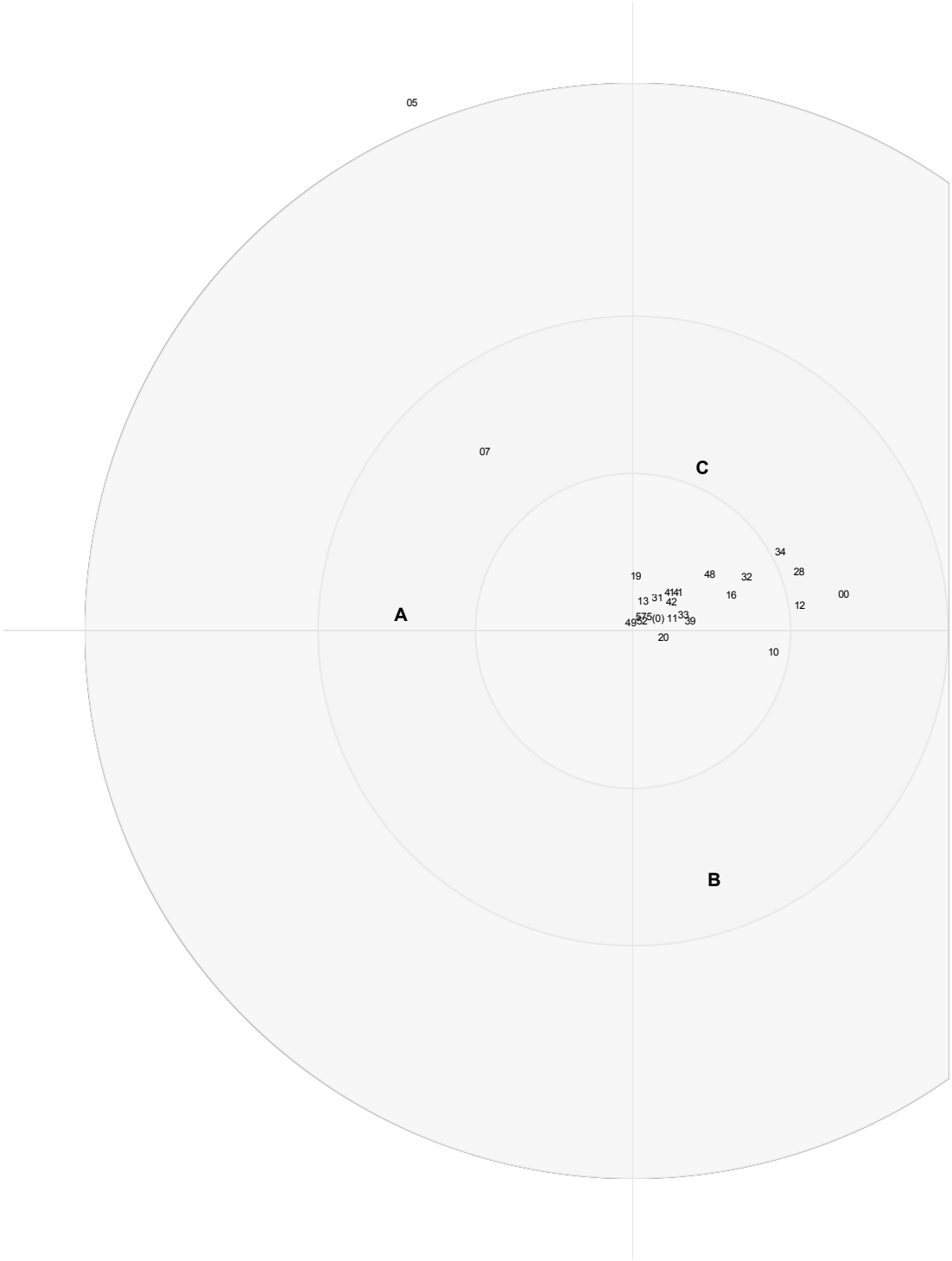
Graph

Which statements were voted on similarly? How do participants relate to each other?

In this graph, statements are positioned more closely to statements which were voted on similarly. Participants, in turn, are positioned more closely to statements on which they agreed, and further from statements on which they disagreed. This means participants who voted similarly are closer together.

Axes Radial axes Statements Participants (bucketized) Group outline Group labels

Click a statement, identified by its number, to explore regions of the graph.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All statements

Group votes across all statements, excluding those statements which were moderated out.

Sort by: Statement Id

	STATEMENT	OVERALL 86	A 19	B 27	C 40
0	Education should be link education more closely to labour market needs.	76% 10% 12% (82)	50% 22% 27% (18)	76% 15% 7% (26)	89% 2% 7% (38)
1	Education should not be subject only to the needs of the market, but to develop critical thinking, flexibility and life skills.	91% 2% 6% (83)	84% 5% 10% (19)	88% 4% 8% (25)	97% 0% 2% (39)
4	Digital technologies can make learning more accessible and engaging.	71% 16% 12% (83)	26% 52% 21% (19)	84% 0% 16% (25)	84% 10% 5% (39)
5	Over-digitalisation can impair critical thinking and social skills.	60% 25% 14% (85)	73% 10% 15% (19)	3% 74% 22% (27)	92% 0% 7% (39)
6	Digitalisation should integrated at all levels of education, complementing traditional methods.	[illegible] 15% 9% (83)	[illegible] 31% (19)	96% 0% 3% (26)	89% 7% 2% (38)
7	Digital technologies should only be introduced into the educational process beyond a certain age and provided that teachers are prepared to use them effectively.	77% 16% 5% (85)	78% 5% 15% (19)	51% 40% 7% (27)	94% 5% 0% (39)
10	Parks should offer more sports facilities and cycle paths.	76% 13% 9% (82)	63% 15% 21% (19)	88% 7% 3% (26)	75% 16% 8% (37)
11	Green areas should remain primarily for recreation and recreation.	84% 4% 10% (83)	78% 10% 10% (19)	69% 7% 23% (26)	97% 0% 2% (38)
12	Public transport in region should be more efficient, environmentally friendly and modern.	82% 9% 7% (82)	52% 21% 26% (19)	88% 11% 0% (26)	94% 2% 2% (37)
13	Improving the road infrastructure should be an urgent priority.	86% 5% 7% (84)	84% 10% 5% (19)	74% 11% 14% (27)	97% 0% 2% (38)
16	Transport infrastructure development should encourage active movement of citizens (cycling, walking) instead of using private cars.	86% 6% 7% (79)	66% 22% 11% (18)	87% 4% 8% (24)	94% 0% 5% (37)
17	The purchase of low emission private cars should be encouraged by grants/reduced fees and improved infrastructure (charging stations, parking, etc.).	75% 15% 9% (85)	36% 42% 21% (19)	77% 11% 11% (27)	92% 5% 2% (39)
18	The region of Stara Zagora needs to establish itself as a	69% 8% 21% (78)	36% 36% 26% (19)	79% 0% 20% (24)	80% 0% 20% (35)

	a digital hub with conditions for innovative companies.				
19	Not to be overlooked the development of traditional industries in the Stara Zagora region Zagora.	79% 5% 14% (84)	78% 0% 21% (19)	61% 15% 23% (26)	92% 2% 5% (39)
20	Both employers and local government need to invest jointly in vocational education.	89% 4% 6% (83)	78% 5% 15% (19)	100% 0% 0% (26)	86% 7% 5% (38)
28	In projects related to the development of the city to involve people of all ages, ethnicities, social groups.	77% 9% 12% (77)	57% 21% 21% (19)	76% 9% 14% (21)	89% 2% 8% (37)
31	Focus on clean food, clean water, clean air for every citizen place in the region.	90% 4% 5% (75)	89% 5% 5% (19)	75% 10% 15% (20)	100% 0% 0% (36)
32	A regional circular economy to satisfy all basic needs of the population related to the physical survival and development	71% 6% 22% (77)	55% 11% 33% (18)	59% 4% 36% (22)	86% 5% 8% (37)
33	Introduction to education activities to strengthen the bond of children and young people with nature.	86% 1% 11% (76)	84% 0% 15% (19)	75% 5% 20% (20)	94% 0% 5% (37)
34	Create a community of volunteers to help at various events and promote mutual aid between people.	69% 10% 20% (75)	55% 16% 27% (18)	61% 14% 23% (21)	80% 5% 13% (36)
39	Cultural programme to be expanded with new events and festivals. To have more sports events, culinary events, events for children, etc.	84% 5% 10% (76)	63% 15% 21% (19)	85% 0% 15% (20)	94% 2% 2% (37)
42	Stop the logging trees at the expense of housing cooperatives.	84% 3% 11% (76)	78% 5% 15% (19)	75% 5% 20% (20)	91% 2% 5% (37)
44	To create recreational spaces in nature.	85% 5% 10% (60)	80% 0% 20% (15)	70% 11% 17% (17)	96% 3% 0% (28)
48	To decentralise industry and create economic activity in all localities in the region.	80% 6% 13% (76)	68% 10% 21% (19)	65% 15% 20% (20)	94% 0% 5% (37)
49	To work together with business for decent pay, more social benefits and better working conditions.	92% 2% 5% (77)	100% 0% 0% (19)	85% 4% 9% (21)	91% 2% 5% (37)
51	Optimisation of processes and performance of municipal administration.	86% 1% 12% (58)	86% 0% 13% (15)	82% 5% 11% (17)	88% 0% 11% (26)
52	Quality improvement of repairs carried out. Maintenance and conservation municipal property	95% 3% 1% (60)	86% 6% 6% (15)	94% 5% 0% (18)	100% 0% 0% (27)
57	To work for the development of region as a tourist destination.	84% 3% 11% (51)	85% 0% 14% (14)	71% 7% 21% (14)	91% 4% 4% (23)

Annex 1 Moderation tables

Table 24 Norrbotten/ Pol.is Moderation

id	statement	translated statement	status	explanation	category
	1. BostÃ¤der och grundlÃ¤ggande service och tjÃ¤nster i Norrbotten: 1.1 Kollektivtrafik: 1.1.1 Kollektivtrafiken bÃ¶r byggas ut fÃ¶r att bÃ¤ttre knyta samman landsbygdsomrÃ¥den i Norrbotten	1. Housing and basic services in Norrbotten: 1.1 Public transport: 1.1.1 Public transport should be expanded to better connect the rural areas of Norrbotten	1	original ss	Public transport access
	1.1.2 Infrastruktur och policyer bÃ¶r stÃ¶dja och fÃ¶rbÃ¤ttra tillgÃ¥ngen till privata fordon fÃ¶r invÃ¥nare i Norrbotten	1.1.2 Infrastructure and policies should support and improve access to private vehicles for residents in Norrbotten	1	original ss	Public transport access
	1.1.3 Kollektivtrafiken bÃ¶r byggas ut fÃ¶r att bÃ¤ttre knyta samma stad och land i Norrbotten	1.1.3 Public transport should be expanded to better connect urban and rural areas in Norrbotten	1	original ss	Public transport access
	1.1.4 Kollektivtrafiken bÃ¶r skalas ned i landsbygden i Norrbotten och pengarna borde lÃ¤ggas pÃ¥ andra omrÃ¥den	1.1.4 Public transport should be scaled down in rural areas of Norrbotten and the money should be spent on other infrastructure Public transport	1	original ss	Public transport access
	1.1.5 Kollektivtrafiken bÃ¶r stanna pÃ¥ fler platser pÃ¥ landsbygden fÃ¶r att fler ska kunna anvÃ¤nda den	1.1.5 Public transport should stop at more places in rural areas to enable more people to use it	1	original ss	Public transport access
	1.1.6 Man borde infÃ¶ra expressbussar som enbart stannar i stÃ¶rre hubbar fÃ¶r att personer snabbare kan rÃ¶ra sig frÃ¥n a till b	1.1.6 e:press buses should only stop at major hubs to enable people to move from a to b more quickly	1	original ss	Public transport access
	1.1.7 Kollektivtrafiken pÃ¥ landsbygden i Norrbotten fungerar bra som den Ã¤r	1.1.7 Public transport in rural areas of Norrbotten works well as it is	1	original ss	Public transport access
	1.1.8 TÃ¥gtrafiken i Norrbotten mÃ¥ste bli mer fÃ¶rutsÃ¤gbar (vara i tid) fÃ¶r att fler ska vilja anvÃ¤nda den	1.1.8 Train services in Norrbotten need to become more predictable (be on time) so that more people will want to use them	1	original ss	Public transport access
	1.1.9 Det krÃ¤vs ett nytÃ¤nkt i kollektivtrafikplaneringen â€“ den behÃ¶ver inte byggas ut, utan istÃ¤llet bli mer flexibel	1.1.9 A rethink is needed in public transport planning - it doesn't need to be expanded, but rather downsized	1	original ss	Public transport access
	1.1.10 Man borde kunna Ã¥ka pÃ¥ samma biljett med flera olika kollektivtrafik-operatÃ¶rer	1.1.10 It should be possible to buy the same ticket from several different public transport operators	1	original ss	Public transport access
	1.1.11 Kollektivtrafiken bÃ¶r stanna pÃ¥ fler platser pÃ¥ landsbygden i Norrbotten fÃ¶r att fler ska kunna anvÃ¤nda den	1.1.11 Public transport should stop in more places in rural Norrbotten to enable more people to use it	1	original ss	Public transport access
	1.1.12 Man borde infÃ¶ra expressbussar som enbart stannar i stÃ¶rre hubbar och fÃ¶r att personer snabbare kan rÃ¶ra sig frÃ¥n a till b	1.1.12 e:press buses should be introduced to stop only at major hubs and to allow people to move faster from a to b Public transport access 1740405962 Mon	1	original ss	Public transport access
	1.1.13 Kollektivtrafiken ska inte enbart mÃ¶jliggÃ¶ra resor till arbete, utan Ã¤ven till fritidsaktiviteter och vardagssysslor	1.1.13 Public transport should not only enable people to travel to work, but also to leisure activities and everyday activities	1	original ss	Public transport access
	1.1.14 Kollektivtrafiken borde prioritera pendling till och frÃ¥n arbete istÃ¤llet fÃ¶r resor till	1.1.14 Public transport should prioritise commuting to and from work over travel to leisure	1	original ss	Public transport access

	fritidsaktiviteter och vardagssysslor	activities and everyday activities Public transport			
	1.2 Ã–ka bostadsbyggandet och attraktiviteten pÃ¥ landsbygden: 1.2.1 Bostadspolitiken bÃ¶r uppmuntra utveckling av smÃ¥hus och villor i landsbygdsomrÃ¥den i hela Norrbotten	1.2 Increase housing construction and attractiveness in rural areas: 1.2.1 Housing policy should achieve the development of small houses and villas in rural areas throughout Norrbotten	1	original ss	Built environemnt
	1.2.2 Bostadspolitiken bÃ¶r frÃ¤mja storskaliga bostadsprojekt i Norrbottens urbana omrÃ¥den/huvudorter och stÃ¤der	1.2.2 Housing policy should discourage large-scale housing projects in Norrbotten's urban centres and cities	1	original ss	Built environemnt
	1.2.3 Kommunen borde kÃ¶pa upp tomter och bygga bostadsomrÃ¥den som Ã¤r planerade fÃ¶r gemenskap och social tillvaro	1.2.3 The municipality should buy up land and build residential neighbourhoods designed for community and social life	1	original ss	Built environemnt
	1.2.4 Ett Ã¶kat bostadsbyggande Ã¤r en av de viktigaste komponenterna fÃ¶r att sÃ¤kra en rÃ¤ttvis grÃ¶n omstÃ¤llning i Norrbotten	1.2.4 Increased housing construction is one of the most important factors in securing a fairly green position in Norrbotten	1	original ss	Built environemnt
	1.2.5 Det behÃ¶vs inte byggas fler bostÃ¤der i Norrbotten	1.2.5 There is no need to build more housing in Norrbotten	1	original ss	Built environemnt
	1.2.6 Det borde finnas krav pÃ¥ banker att det mÃ¥ste lÃ¥na ut en viss andel till landsbygdsomrÃ¥den dÃ¤r man i nulÃ¤get har svÃ¥rt att fÃ¥ lÃ¥n fÃ¶r att kÃ¶pa eller bygga	1.2.6 There should be a requirement for banks to lend a certain proportion to rural areas where it is currently difficult to Feel free to buy or build	1	original ss	Built environemnt
	1.2.7 Det borde inte finnas nÃ¥gra krav pÃ¥ banker att lÃ¥na ut till specifika omrÃ¥den, marknader bÃ¶r reglera detta sjÃ¤lv	1.2.7 There should not be any requirement for banks to lend to specific locations, markets should regulate this themselves	1	original ss	Built environemnt
	1.2.8 Staten borde gÃ¥ in som garant och lyfta en del av risken vid lÃ¥n fÃ¶r att Ã¶ka bostadsbyggande i omrÃ¥det dÃ¤r det Ã¤r svÃ¥rt att fÃ¥ lÃ¥n fÃ¶r att bygga	1.2.8 The government should act as a guarantor and take on some of the risk of lending to increase housing construction in the neighbourhood where it is difficult to finance to build	1	original ss	Built environemnt
	1.2.9 Det borde vara enklare att fÃ¥ bygglov i naturskÃ¶na omrÃ¥den i landsbygden	1.2.9 It should be easier to obtain planning permission in scenic rural areas	1	original ss	Built environemnt
	1.2.10 Attraktiva omrÃ¥den bÃ¶r skyddas frÃ¥n byggnation	1.2.10 Attractive neighbourhoods should be protected from development	1	original ss	Built environemnt
	1.2.11 Strandskyddet mÃ¥ste ses Ã¶ver fÃ¶r att Ã¶ka bostadsbyggande i attraktiva omrÃ¥den pÃ¥ landsbygden	1.2.11 Shoreline protection needs to be reviewed to increase housing in attractive rural areas	1	original ss	Built environemnt
	1.2.12 Strandskyddet mÃ¥ste vara kvar fÃ¶r att skydda miljÃ¶, biodiversitet och allas tillgÃ¥ng till vatten	1.2.12 Shoreline protection must remain in place to protect the environment, biodiversity and access to water for all	1	original ss	Built environemnt
	1.2.13 Man borde undersÃ¶ka mÃ¶jligheter fÃ¶r innovativt Ã¤gande som lÃ¶sningar fÃ¶r bostadsbyggande pÃ¥ landsbygden	1.2.13 Opportunities for innovative ownership of housing solutions in rural areas should be explored	1	original ss	Built environemnt
	1.2.14 Man borde fokusera pÃ¥ att bygga billigare hyreshus pÃ¥ landsbygden	1.2.14 Focus should be on building cheaper apartment blocks in rural areas	1	original ss	Built environemnt
	1.2.15 Man borde utveckla pilotprojekt kring bostadsbyggande fÃ¶r att testa ekonomisk gÃ¥ngbarhet	1.2.15 Pilot projects on housing construction should be developed to test economic viability Built environennt	1	original ss	Built environemnt

	1.2.16 Det Ã¤r ett stort problem med Ã¶degÃ¥rdar pÃ¥ landsbygden i Norrbotten	1.2.16 There is a major problem with overcrowding in rural areas of Norrbotten	1	original ss	Built environemnt
	1.2.17 Ã–degÃ¥rdar pÃ¥ landsbygden Ã¤r inget problem eftersom det ofta Ã¤r familjehem som anvÃ¤nds nÃ¥gra mÃ¥nader om Ã¥ret	1.2.17 Open spaces in rural areas are not a problem as it is often the faniljeh that is used to create the open space Built environennt 1740406184 Mon	1	original ss	Built environemnt
	1.2.18 Man borde inventera Ã¶degÃ¥rdar pÃ¥ landsbygden och undersÃ¶ka hur man kan minska antalet	An inventory should be made of rural buildings and ways to reduce their number	1	original ss	Built environemnt
	1.2.19 Man borde skapa engagemang fÃ¶r att hantera och restaurera tomma byggnader pÃ¥ landsbygden	1.2.19 A commitment should be created to manage and restore tonnes of buildings in rural areas	1	original ss	Built environemnt
	1.2.20 Fritidsboenden urholkar landsbygden	1.2.20 Holiday homes erode the countryside	1	original ss	Built environemnt
	1.2.21 Fritidsboenden Ã¤r viktiga fÃ¶r landsbygden	1.2.21 Holiday homes are important for rural areas	1	original ss	Built environemnt
	1.2.22 Det borde finnas en distinktion mellan bostads och fritidshus i form av beskattning	1.2.22 There should be a distinction between residential and holiday homes in terms of taxation	1	original ss	Built environemnt
	1.2.23 Fritidsboenden Ã¤r viktiga fÃ¶r landsbygden	1.2.23 Holiday homes are important for rural areas	1	original ss	Built environemnt
	1.2.25 Man borde begrÃ¤nsa att personer som inte Ã¤r bosatta i Sverige Ã¤ger fritidshus	1.2.25 Ownership of holiday homes by non-residents should be restricted	1	original ss	Built environemnt
	1.2.26 Man borde underlÃ¤tta fÃ¶r personer som Ã¤r bosatta utanfÃ¶r Sverige att kÃ¶pa fritidshus i Sverige	1.2.26 It should be made easier for people living outside Sweden to buy holiday homes in Sweden	1	original ss	Built environemnt
	1.3 Skola och sjukvÃ¥rd: 1.3.1 Man borde mÃ¶jliggÃ¶ra fÃ¶r mindre skolor med fÃ¤rre elever i olika Ã¥ldrar pÃ¥ landsbygden	1.3 Schools and health care: 1.3.1 Smaller schools with fewer pupils should be made possible in rural areas Rural	1	original ss	Rural-urben connectivity/Decentralized governance
	1.3.2 Skolor borde frÃ¤mst finnas i urbana omrÃ¥den dÃ¤r man kan ha stÃ¶rre klasser med elever i samma Ã¥lder	1.3.2 Schools should be located primarily in urban areas where they can have larger classes and pupils in true islands	1	original ss	Rural-urben connectivity/Decentralized governance
	1.3.3 Skolor behÃ¶vs i mindre samhÃ¤llen	1.3.3 Schools are needed in smaller communities	1	original ss	Rural-urben connectivity/Decentralized governance
	1.3.4 Det Ã¤r inte en prioritering att ha kvar skolor i smÃ¥ samhÃ¤llen	1.3.4 Maintaining schools in rural areas is not a priority	1	original ss	Rural-urben connectivity/Decentralized governance
	1.3.5 Skolor bÃ¶r framfÃ¶rallt finnas pÃ¥ landsbygden och barn i urbana omrÃ¥den borde Ã¥ka till dem	1.3.5 Schools should be located primarily in rural areas and children in urban areas should go to them	1	original ss	Rural-urben connectivity/Decentralized governance
	1.3.6 Statusen fÃ¶r lÃ¤rare mÃ¥ste Ã¶ka fÃ¶r att hÃ¶ja kompetensen pÃ¥ lÃ¤rare pÃ¥ landsbygden	1.3.6 The status of teachers needed to increase to increase the competitiveness of teachers in rural areas	1	original ss	Rural-urben connectivity/Decentralized governance
	1.3.7 Man borde sÃ¤nka kraven om behÃ¶righet fÃ¶r lÃ¤rare och istÃ¤llet fokusera pÃ¥ hur pedagogisk personen Ã¤r	1.3.7 The requirements for teacher qualifications should be lowered and instead focus on the pedagogical skills of the individual	1	original ss	Rural-urben connectivity/Decentralized governance
	1.3.8 Lika och hÃ¶gkvalitativ tillgÃ¥ng till sjukvÃ¥rd bÃ¶r garanteras fÃ¶r alla, oavsett bostadsort	1.3.8 Equal and high-quality access to healthcare should be guaranteed for all, regardless of place of residence	1	original ss	Rural-urben connectivity/Decentralized governance
	1.3.9 SjukvÃ¥rden bÃ¶r koncentreras till urbana omrÃ¥den	1.3.9 Healthcare should be concentrated in urban areas	1	original ss	Rural-urben connectivity/Decentralized governance

	1.3.10 Telemedicin och digital patientvÃ¥rd bÃ¶r prioriteras och fortsÃ¤tta att fÃ¥ finansiering och utvecklas	1.3.10 Telenetwork and digital patient care should be prioritised and continue to receive funding and development	1	original ss	Rural-urben connectivity/Decentralized governance
	1.3.12 Det borde finnas tillgÃ¥ng till bÃ¥de fysisk och digital sjukvÃ¥rd pÃ¥ landsbygden	1.3.12 There should be access to both physical and digital healthcare in rural areas	1	original ss	Rural-urben connectivity/Decentralized governance
	1.3.13 Regionen borde erbjuda sjukstugor i mindre samhÃ¤llen i Norrbotten	1.3.13 The region should offer health centres in smaller communities in Norrbotten	1	original ss	Rural-urben connectivity/Decentralized governance
	1.3.14 Ã„ldreboende borde vara en punkt personer pÃ¥ landsbygden kan ta enklare prover	1.3.14 Retirement homes should be a point where people in rural areas can take simpler samples	1	original ss	Rural-urben connectivity/Decentralized governance
	1.3.15 Det Ã¤r inget problem att resa till stÃ¶rre stÃ¤der fÃ¶r provtagning dÃ¤r det finns mer resurser	1.3.15 Travelling to larger cities for sampling where resources are available is not a problem	1	original ss	Rural-urben connectivity/Decentralized governance
	1.3.16 Det borde finnas fler stÃ¤llen pÃ¥ landsbygden dÃ¤r man kan ta enklare prover	1.3.16 There should be more places in rural areas where simple samples can be taken	1	original ss	Rural-urben connectivity/Decentralized governance
	1.4 Gruvor och export: 1.4.1 SkatteintÃ¤kter frÃ¥n gruv- och energibolag i Norrbotten bÃ¶r samlas in och fÃ¶rdelas av regionala myndigheter (region och kommun)	1.4 Mining and e:port: 1.4.1 Tax revenues from mining and energy companies in Norrbotten should be collected and distributed by regional authorities (region and konnun	1	original ss	Economic capital
	1.4.2 SkatteintÃ¤kterna frÃ¥n gruv- och energibolag bÃ¶r samlas in och fÃ¶rdelas av staten	1.4.2 Tax revenues from mining and energy companies should be collected and distributed by the state	1	original ss	Economic capital
	1.4.3 Genom en kampanj borde man lyfta det Norrbotten och VÃ¤sterbottens bidrar med i form av energi och export fÃ¶r att omvÃ¤rdera hur mellersta och sÃ¶dra Sverige ser pÃ¥ Norra Sverige	1.4.3 In a panel, we should highlight what Norrbotten and Västerbotten contribute in terms of energy and electricity to assess how northern and southern Sweden look like in northern Sweden	1	original ss	Economic capital
	1.2.27 Det borde finnas en distinktion mellan personer som Ã¤r bosatta i Sverige och personer bosatta utomlands nÃ¤r det kommer till Ã¤gande av fritidshus	1.2.27 There should be a distinction between persons resident in Sweden and persons resident abroad when it comes to ownership of holiday homes	-1	original ss	Economic capital
	1.2.24 Det ska inte finnas nÃ¥gon extra beskattning fÃ¶r de som Ã¤ger fritidshus	1.2.24 There should be no additional taxation for holiday home owners	-1	original ss	Economic capital
	2.14 All mineralutvinning bÃ¶r begrÃ¤nsas kraftigt i Norrbotten fÃ¶r att skydda lokala ekosystem och samhÃ¤llen	2.14 All mineral extraction should be severely restricted in Norrbotten to protect local ecosystems and health	1	original ss	Economic capital
	2.15 Planerade storskalig vindkraftverken bÃ¶r stÃ¤llas in i Norrbotten	2.15 Planned large-scale wind turbines should be cancelled in Norrbotten	1	original ss	Economic capital
	2.16 Fler vindkraftverk bÃ¶r byggas i Norrbotten	2.16 More wind turbines should be built in Norrbotten	1	original ss	Economic capital
	Unga lÃ¤ngtar efter att det satsas dÃ¤r de bor och behÃ¶ver dÃ¤rfÃ¶r fÃ¥ vara delaktiga i samhÃ¤llesutvecklingen.	Young people long for investment in the places where they live and therefore need to be involved in health development.	1	original ss	Civil society and community engagement
	Den urbana normen behÃ¶ver utmanas - unga behÃ¶ver kunna vÃ¤lja att leva, bo och verka i hela Norrbotten	The urban north needs to be utilised - young people need to be able to choose to live and work throughout Norrbotten	1	original ss	Civil society and community engagement
	3.2 Kulturcentrum bÃ¶r enbart finnas i urbana omrÃ¥den	3.2 Cultural centres should only exist in urban areas	-1	rejected	Civil society and community engagement

	3.10 LandsbygdsamhÃ¤llet Ã¤r i dag karakteriserat av jÃ¤mstÃ¤lldhet	3.10 Rural society today is characterised by equality	-1	rejected	Civil society and community engagement
	2. MarkanvÃ¤ndning och energi: 2.1 Lokala livsmedelsproducenter bÃ¶r fÃ¥ offentliga incitament och stÃ¶d	2.1 Local food producers should receive public incentives and support Local food	1	original ss	Local food growth (as part of natural capital)
	2.2 Staten bÃ¶r fortsÃ¤tta att gynna storskalig livsmedelsproduktion	2.2 Government should continue to favour large-scale food production	1	original ss	Local food growth (as part of natural capital)
	2.3 Offentliga myndigheter bÃ¶r prioritera upphandling frÃ¥n lokala livsmedelsproducenter livsmedelsproduktion	2.3 Public authorities should prioritise procurement from local food producers food production	1	original ss	Local food growth (as part of natural capital)
	2.4 Offentliga myndigheter bÃ¶r prioritera upphandling frÃ¥n industriell livsmedelsproduktion	2.4 Public authorities should prioritise procurement away from industrial food production	1	original ss	Local food growth (as part of natural capital)
	2.5 Maten bÃ¶r vara lokalt producerad	2.5 Food should be locally produced	1	original ss	Local food growth (as part of natural capital)
	2.6 Maten bÃ¶r till stÃ¶rsta delen importeras	2.6 Most food should be imported	1	original ss	Local food growth (as part of natural capital)
	2.8 Staten bÃ¶r fortsÃ¤tta att gynna storskalig livsmedelsproduktion	2.8 Government should continue to favour large-scale food production	1	original ss	Local food growth (as part of natural capital)
	2.9 Solenergi bÃ¶r inte vara en prioriterad energikÃ¤lla i Norrbotten	2.9 Solar energy should not be a priority energy source in Norrbotten	1	original ss	Economic capital
	2.10 Solenergi bÃ¶r utvecklas och stÃ¶djas i Norrbotten	2.10 Solar energy should be developed and supported in Norrbotte	1	original ss	Economic capital
	2.11 FÃ¶rnybar energi bÃ¶r driva transportmedel	2.11 Renewable energy should power the transport sector	1	original ss	Economic capital
	2.12 Transportmedel bÃ¶r fortsÃ¤tta anvÃ¤nda fossila brÃ¤nslen	2.12 Transport sector should continue to use fossil fuels	1	original ss	Economic capital
	2.13 SvenskÃ¤gd mineralutvinning bÃ¶r fortsÃ¤tta att expandera med strikt regler fÃ¶r att minska miljÃ¶pÃ¥verkan fÃ¶r att mÃ¶ta den globala efterfrÃ¥gan pÃ¥ rÃ¥varor	2.13 Swedish mineral extraction should continue to e:pand strict rules to minimise the environmental impact of mining to meet the global demand for fossil fuels	1	original ss	Economic capital
	Unga vill vara delaktiga i samhÃ¤llet och behÃ¶ver dÃ¤rfÃ¶r inkluderas i samhÃ¤llsutvecklingen.	Young people want to be part of society and therefore need to be included in the development of society.	1	original ss	Civil society and community engagement
	Urfolksperspektivet bÃ¶r lyftas fram tydligare.	The indigenous perspective should be emphasised more clearly.	1	original ss	Civil society and community engagement
	Barnperspektivet och barns delaktighet Ã¤r viktigt fÃ¶r hÃ¥llbarhet. Barn/unga mÃ¥ste fÃ¥ tillgÃ¥ng till pÃ¥verkan i styrdokument tex RUS	The child perspective and child participation are important for sustainability. Children/young people have access to influence in governance: RUS	1	original ss	Civil society and community engagement
	CivilsamhÃ¤llet behÃ¶ver slÃ¤ppas in i strategisk regional samverkan. Bli en lika sjÃ¤lvklar part som nÃ¤ringslivet	Civil society needs to be included in strategic regional planning. Become an equally integral part of the business community	1	original ss	Civil society and community engagement
	Regelverk fÃ¶r byggande av permanentboende i strandnÃ¤ra omrÃ¥den, pÃ¥/vid jordbruksmark etc. bÃ¶r ses Ã¶ver och underlÃ¤ttas i norra Sverige.	Regulations for the construction of permanent housing in coastal. areas, on/near agricultural land, etc. should be reviewed and facilitated in . northern Sweden.	1	original ss	Civil society and community engagement
	Mer tidiga insatser fÃ¶r jÃ¤mlika livsvillkor fÃ¶r barn behÃ¶vs. Det behÃ¶ver ske i samverkan mellan kommuner, region och civilsamhÃ¤lle	More early intervention for equal living conditions for children is needed. This needs to be done in co-operation between communities, regions and civil society.	1	original ss	Civil society and community engagement

	GÃ¶r barnkonsekvensanalyser i alla beslut pÃ¥ kommun och region	Conduct child impact assessments in all decisions at national and regional level	1	original ss	Civil society and community engagement
	Kan man inte bygga standar lÃ¤genheter fÃ¶r att folk ska ha rÃ¥d att bo mÃ¥ste det alltid vara lyx	If you can't build standard flats for people to have the confidence to live in, there should always be shelter	1	original ss	Civil society and community engagement
	om man sÃ¤ljer sitt lantbruk borde man fÃ¥ stycka av en tomt fast det Ã¤r jordbruksmark fÃ¶r dÃ¥ kan nÃ¥gon annan driva jordbruket istÃ¤llet	if someone sells their farm, they should be able to cut off a piece of land even though it is agricultural land because then someone else can farm it	1	original ss	Civil society and community engagement
	3. Kultur: 3.1 Kulturen i landsbygdsomrÃ¥den bÃ¶r utvecklas genom offentlig och private investeringar i teater, film och konst	3. Culture: 3.1 Culture in rural areas should be developed through public and private investment in theatre, film and the arts	-1	rejected	Civil society and community engagement
	3.3 Kultur har en naturlig del i skolorna i Norrbotten	3.3 Culture has a natural part in schools in Norrbotten	-1	rejected	Civil society and community engagement
	3.4 Undervisningen i skolorna i Norrbotten bÃ¶r fokusera pÃ¥ kÃ¤rnÃ¤mnen och inte pÃ¥ kultur	3.4 Teaching in schools in Norrbotten should focus on the core and not on culture	-1	rejected	Civil society and community engagement
	3.5 En Ã¶kning av engelsktalande invÃ¥nare och mÃ¥ngkulturella traditioner bÃ¶r stÃ¶djas	3.5 An increase in English-speaking natives and Native cultural traditions should be supported	-1	rejected	Civil society and community engagement
	3.6 LandsbygdssamhÃ¤llen bÃ¶r bevara lokala svenska traditioner framfÃ¶r mÃ¥ngkulturella influenser	3.6 Rural communities should preserve local Swedish traditions from Nordic cultural influences	-1	rejected	Civil society and community engagement
	3.7 LandsbygdssamhÃ¤llen bÃ¶r bÃ¥de bevara svenska traditioner och vÃ¤lkomna influenser frÃ¥n en vÃ¤xande engelsktalande och mÃ¥ngkulturell befolkning	3.7 Rural communities should preserve Swedish traditions and cultural influences from a friendly English-speaking and connunity engaging Civil society and	-1	rejected	Civil society and community engagement
	BegrÃ¤nsande normer och felaktiga stereotyper stÃ¥r i vÃ¤gen fÃ¶r ett Norrbotten dÃ¤r unga kan leva, bo och verka.	Limiting norms and inaccurate stereotypes stand in the way o f a Norrbotten where young people can live and work. 1740407617 Mon Feb 24 2025	-1	rejected	Civil society and community engagement
	3.9 Traditionella kÃ¶nsroller bÃ¶r upprÃ¤tthÃ¥llas i landsbygdsomrÃ¥den	3.9 Traditional gender roles should be challenged in the rural unrest	-1	rejected	Civil society and community engagement
	3.11 Traditionelle kÃ¶nsroller bÃ¶r ses Ã¶ver	3.11 Traditional gender roles should be reviewed	-1	rejected	Civil society and community engagement
	3.12 Vardagslivet i Norrbotten bÃ¶r vara starkt pÃ¥verkat av AI och digitalisering	3.12 Everyday life in Norrbotten should be strongly influenced by AI and digitalisation	-1	rejected	Civil society and community engagement
	3.13 BegrÃ¤nsningar bÃ¶r infÃ¶ras fÃ¶r expansionen av AI och digitalisering		-1	rejected	Civil society and community engagement
	3.14 Film och traditionella medier skapar stereotypa narrativ om vardagslivet i Norrbotten (bor utan rinnande vatten, fiskar, jagar, osv.)	3.13 Constraints should be imposed on the e:pansion of AI and digitalisation	-1	rejected	Civil society and community engagement
	3.15 Film och traditionella medier speglar en autentisk bild av vardagslivet i Norrbotten	3.14 Filn and traditional nedis create stereotypical narratives of everyday life in Norrbotten (living without running water, fishing, hunting, etc.) 1740407647	-1	rejected	Civil society and community engagement
	3.8 Traditionella kÃ¶nsroller bÃ¶r inte lÃ¤ngre definiera landsbygdssamhÃ¤llet	3.15 Filn and traditional nedis reflect an authentic picture of everyday life in Norrbotten	-1	rejected	Civil society and community engagement
	Ren och akkja kommer att rÃ¤dda inte bara jorden utan Ã¤ven hela universum!	3.8 Traditional gender roles should no longer define rural behaviour	-1	rejected	Civil society and community engagement

	2.7 Lokala timmerindustri bÃ¶r fÃ¥ offentliga incitament och stÃ¶d	Pure and simple can save not only the earth but also the whole universe!	-1	rejected	Civil society and community engagement
	FÃ¶retagande pÃ¥ landsbygden behÃ¶ver mer stÃ¶d, barn behÃ¶ver en fungerande skolgÃ¥ng, de Ã¤ldre behÃ¶ver fÃ¥ trÃ¤ffa varandra. Vi behÃ¶ver varandra.	2.7 Local tin industry should receive public incentives and support	1	rejected	Civil society and community engagement
	1.3.11 HÃ¤lso- och sjukvÃ¥rd bÃ¶r fokusera pÃ¥ fysiska vÃ¥rdcentraler och vÃ¥rdlÃ¶sningar, medan telemedicin och digitala hÃ¤lsotjÃ¤nster bÃ¶r tÃ¤cka landsbygdsomrÃ¥den i Norrbotten	1.3.11 Healthcare should focus on physical healthcare centres and solutions, below telemedicine and digital health services should cover the rural injustice in Norrbotten	-1	rejected	Civil society and community engagement
	Ja, och andra nationella minoriteters perspektiv. Vi behÃ¶ver en bÃ¤ttre modell fÃ¶r att samexistera	Yes, and the perspective of other national minorities. We need a better nodell to san:iste	1	original ss	Civil society and community engagement
	SpÃ¥rbunden kollektivtrafik fungera inte bra i MalmfÃ¤lten & till/frÃ¥n MalmfÃ¤lten/kusten fÃ¶r arbete & sjukvÃ¥rd	Ferry-linked public transport does not work well in the Malines & to/from the Malines/coast for work & healthcare	1	original ss	Civil society and community engagement
	I MalmfÃ¤lten behÃ¶ver vi diversifierat boende	In Malmountain we need diversified housing	1	original ss	Civil society and community engagement
	Kirunamodellen fÃ¶r buss borde kunna utÃ¶kas till spÃ¥rbunden trafik	The Kiruna bus model could be extended to piggyback transport	1	original ss	Civil society and community engagement
	stÃ¶rsta chansen fÃ¶r Norrbotten att vÃ¤xa Ã¤r att marknadsfÃ¶ra vÃ¥r vackra bygd i ett projekt tillsammans med intilliggande kommuner.	The best chance for Norrbotten to grow is to commercialise our beautiful countryside in a project with neighbouring countries.	1	original ss	Civil society and community engagement
	TrÃ¤ngselskatt fÃ¶r de som bor i storstÃ¤der - ett pÃ¥slag pÃ¥ skatten som anvÃ¤nds i norr fÃ¶r hÃ¥llbar utveckling.	Congestion tax for those living in big cities - a penalty on the tax used in the north for sustainable development. 1741944990	0	Not yet moderated	Civil society and community engagement
	AvgÃ¶rande i MalmfÃ¤lten	Decisions in the Malfellas	-1	rejected	Civil society and community engagement
	ja, men inte absolut. BÃ¶r vara mer nyanserat	yes, but not absolutely. Should be down nuanced	-1	rejected	Civil society and community engagement
	gÃ¥r det? mer flexibel vore bra!	does it work? down fle:ibel would be good!	-1	rejected	Civil society and community engagement
	Vet ej	Do not know	-1	rejected	Civil society and community engagement
	Det mÃ¥ste finnas en fysisk bank i varje kommun som man kan besÃ¶ka fÃ¶r smÃ¥ och stora Ã¤renden.	There should be a physical bank in every community that someone can visit for quick and large transactions.	1	original ss	Civil society and community engagement
	HyreshusÃ¤gare mÃ¥ste installera laddstolpe fÃ¶r att mÃ¶jliggÃ¶ra att fler kan kÃ¶pa elbil.	Landlords refused to install charging points to enable more people to buy electric cars.	1	original ss	Civil society and community engagement
	Ung som Ã¤ldre - olika forum att delta i	Young son older - different ways to participate	-1	rejected	Civil society and community engagement
	Det skulle vara lÃ¤ttare att bedriva ett smÃ¥skaligt jordbruk. sÃ¤lja mjÃ¶lk,kÃ¶tt,Ã¤gg frÃ¥n gÃ¥rden till privatpersoner som vill konsumera lokalt	It would be easier to run a commercial farm. sell milk, meat, eggs from the farm to private individuals who want to consume Civil society and local	1	original ss	Civil society and community engagement
	Nja, sÃ¥ kategoriska kan vi inte vara Ã¤ven om det ur ett mycket lÃ¥ngsiktigt perspektiv vore Ã¶nskvÃ¤rt.	Well, we can't be that categorical, even if it would be desirable from a purely utilitarian perspective.	-1	rejected	Civil society and community engagement

	Ja, vore vÃ¤rdefullt fÃ¶rutsatt att dessa barn fÃ¥r en likvÃ¤rdig utbildning som andra barn i landet, av behÃ¶riga lÃ¤rare?	Yes, would be valuable provided that these children receive an equal education to other children in the country, by qualified teachers? 1741966180	-1	original ss	Civil society and community engagement
	Kommunalskatterna mÃ¥ste bli mera jÃ¤mlika Ã¶ver landet. Norr bidrar med naturresurser vilket borde rÃ¤knas in.	Local taxes should be more equal across the country. The North contributes less natural resources which should be taken into account.	-1	rejected	Civil society and community engagement
	Staten borde ansvara Ã¶ver vÃ¥ra skolor sÃ¥ att alla kommuner kan erbjuda samma utbildningsnivÃ¥ Ã¤ven ute i lands och glesbygd.	The state should be responsible for all schools so that all nations can offer true educational standards even in rural and remote areas.	0	Not yet moderated	Civil society and community engagement
	SvÃ¥rt att bygga billigare	Difficult to build cheaper	0	Not yet moderated	
	Yes, but carefully!	Yes, but carefully!	0	Not yet moderated	
	In the inland parts of Norrbotten there are no larger hub	In the inland parts of Norrbotten there are no larger hub	0	Not yet moderated	
	There are no such places	There are no such places	0	Not yet moderated	
	These "Man" has a lot to do	These "Man" has a lot to do	0	Not yet moderated	
	There is almost no tax revenue on raw materials. Turn the profit to where it origins	There is alnost no ta: revenue on raw naterials. Turn the profit to where it origins	0	Not yet moderated	
	Prevent ownership of multiple properties if the purpose of the ownership is to make it more difficult to move to smaller places	Prevent ownership of nultiple properties if the purpose of the ownership is to nake it nore difficult to nove to snaller places	0	Not yet moderated	
	En avsevÃ¤rd del bÃ¶r dock Ã¶ronmÃ¤rkas lokalt dÃ¤r gruv-energibolaget verkar.	However, a significant part should be localised where the mining energy company operates.	0	Not yet moderated	
	Artrikedomen Ã¤r sparsam pga klimatet. Var noga med att inga arter utrotas i jakten pÃ¥ metaller och bostadsbyggplatser.	The species richness is sparse due to the clinate. Be careful not to exterminate any species in the pursuit of industrial and residential building sites.	0	Not yet moderated	
	Tema 2: MarkanvÃ¤ndning och energi: 2.1 Lokala livsmedelsproducenter bÃ¶r fÃ¥ offentliga incitament och stÃ¶d	Tena 2: Land use and energy: 2.1 Local livelihood producers should receive public incentives and support	-1	rejected	

Table 25 Katowice/ Pol.is Moderation

id	statement	translated statement	status	explanation	category
1	Rewitalizacja terenów poprzemysłowych na Śląsku bez uzgodnień ze społecznością lokalną ma sens, bo jest bardziej sprawna.	En: Revitalising brownfield sites in Silesia without community consultation makes sense because it is more efficient.	Active		INDUSTRIAL HERITAGE
2	Rewitalizacja terenów poprzemysłowych na Śląsku musi angażować społeczność lokalną.	En: Revitalisation of brownfield sites in Silesia must involve the local community.	Active		INDUSTRIAL HERITAGE
3	Dziedzictwo przemysłowe napędza rozwój Śląska.	En: Industrial heritage drives the development of Silesia.	Active		INDUSTRIAL HERITAGE
4	Dziedzictwo przemysłowe przeszkadza w rozwoju Śląska.	En: Industrial heritage hinders the development of Silesia.	Active		INDUSTRIAL HERITAGE
5	Lepiej wyburzyć stare obiekty poprzemysłowe na Śląsku i zacząć wszystko od nowa.	En: Better to demolish the old post-industrial buildings in Silesia and start all over again.	Active		INDUSTRIAL HERITAGE
6	Lepiej finansować remonty i utrzymanie starych obiektów	En: It is better to fund the renovation and maintenance of old post-industrial buildings that	Active		INDUSTRIAL HERITAGE

	poprzemysłowych, które świadczą o przemysłowej przeszłości Śląska.	bear witness to Silesia's industrial past.			
7	Uczelnie muszą stworzyć programy edukacyjne odpowiadające tylko potrzebom przyszłości i transformacji Śląska.	En: Universities must create educational programmes that respond solely to the future needs and transition of Silesia.	Active		EDUCATION
8	Tylko wiedza w zdobyta na Uczelniach jest użyteczna w praktyce.	En: Only the knowledge gained at the Universities is practically useful.	Active		EDUCATION
9	Śląsk ma potencjał zostać rozpoznawalnym dzięki renomowanym uczelniom tak jak Dolina Krzemowa dzięki technologii.	En: Silesia has the potential to become recognised through its renowned universities, just as Silicon Valley is known for technology.	Active		EDUCATION
10	Uczelnie nie będą odgrywały istotnej roli zarówno w budowaniu marki Śląska.	En: Universities will not play a significant role in building the Silesian brand.	Active		EDUCATION
11	Perspektywy pracy ze względu na jej potencjał na Śląsku będą znacznie lepsze – młodzi ludzie będą przyciągani do regionu.	En: Job prospects in Silesia will improve due to the region's growing potential - young people will be attracted to stay or return.	Active		EDUCATION
12	Młodzi ludzie lepszą pracę i lepsze życie będą mogli znaleźć w innym regionie i za granicą.	En: Young people will be able to find better jobs and a better life in another region and abroad.	Active		EDUCATION
13	Zmiana zawodu w wieku 40+ będzie nową koniecznością życiową.	En: Changing careers at 40+ will be a new necessity in life.	Active		RE-SKILLING
14	Miejsca pracy dla osób w wieku 40+ powinny być szczególnie chronione.	En: Jobs for people aged 40+ should be especially protected.	Active		RE-SKILLING
15	Wykorzystanie sztucznej inteligencji wyeliminuje rutynowe zadania w pracy.	En: The use of artificial intelligence will eliminate routine tasks at work.	Active		RE-SKILLING
16	Sztuczna inteligencja nie spowoduje zmian na rynkach pracy.	En: AI will not change labour markets.	Active		RE-SKILLING
17	Determinacja zwykłych ludzi jest wystarczająca by inicjować i wdrażać zmiany.	En: The determination of ordinary people is sufficient to initiate and implement change.	Active		RE-SKILLING
18	Pomoc ze strony miasta, regionu, państwa jest niezbędna gdy społeczność zaangażowała się w dostosowywanie się do zmian.	En: Assistance from the city, region, state is essential when the community is involved in adapting to change.	Active		RE-SKILLING
19	Transformacja energetyczna na Śląsku musi być radykalna, aby uzyskać nowy wizerunek Śląska.	The energy transformation in Silesia must be radical in order to achieve a new image for Silesia.	Active		ENERGY TRANSITION
20	Transformacja energetyczna na Śląsku musi być długotrwała, gdyż należy w sposób wyważony wygaszać przemysły tradycyjne.	The energy transition in Silesia must be long-term, as traditional industries must be phased out in a balanced way.	Active		ENERGY TRANSITION
21	Finansowanie i wspieranie transformacji energetycznej jest dostępne i rozdzielane w sposób sprawiedliwy zapewniając, że każdy na Śląsku dotknięty zmianami w górnictwie i przemyśle tradycyjnym otrzyma stosowną pomoc.	Funding and support for the energy transition is available and distributed in an equitable manner ensuring that everyone in Silesia affected by the changes in mining and traditional industries receives appropriate assistance.	Active		ENERGY TRANSITION
22	Finansowanie i wspieranie transformacji nie jest łatwo dostępne i nie dotyczy każdego na Śląsku kto doświadcza kosztów wygaszania górnictwa i innych tradycyjnych przemysłów.	Funding and support for the transition is not readily available and does not apply to everyone in Silesia who is experiencing the costs of extinguishing mining and other traditional industries.	Active		ENERGY TRANSITION
23	Energia pozyskiwana z odnawialnych źródeł energii wraz z wykorzystaniem infrastruktury przemysłowej (pokopalnianej) zapewni bezpieczeństwo energetyczne.	Renewable energy together with the use of industrial (post-mining) infrastructure will ensure energy security.	Active		ENERGY TRANSITION

24	Energia pozyskiwana z odnawialnych źródeł energii nie zapewni bezpieczeństwa energetycznego.	Energy from renewable sources will not ensure energy security.	Active		ENERGY TRANSITION
25	Razem miasta GZM mogą być mocniejsze w transformacji jako mega-miasto nie tracąc przy tym tożsamości.	Together, the GZM cities can be stronger in their transformation as a mega-city without losing their identity.	Active		METROPOLIZATION
26	Utworzenie jednego silnego miasta z miast tworzących GZM nie przyspieszy transformacji i nie wzmocni regionalnej tożsamości.	The creation of a single strong city from the cities that make up the GMC will not accelerate the transformation and strengthen regional identity.	Active		METROPOLIZATION
27	Tylko nowe inwestycje publiczne (przedszkola, szkoły, boiska, transport publiczny, itp.) są niezbędne dla rozwoju i transformacji miast tworzących GZM.	Only new public investments (kindergartens, schools, playgrounds, public transport, etc.) are necessary for the development and transformation of the cities forming the GZM.	Active		METROPOLIZATION
28	Tylko inwestycje biznesowe są generatorem rozwoju i transformacji miast tworzących GZM.	Only business investment is a generator of development and transformation of the cities that make up the GZM.	Active		METROPOLIZATION
29	Śląsk posiada klarowną wizję rozwoju i zrównoważonej transformacji po wygaszeniu przemysłu ciężkiego.	Silesia has a clear vision of development and sustainable transformation after the phasing out of heavy industry.	Active		METROPOLIZATION
30	Nie istnieje całościowa wizja rozwoju i transformacji Śląska po wygaszeniu górnictwa.	There is no overall vision for the development and transformation of Silesia after the phasing out of mining.	Active		METROPOLIZATION
31	seed coment	seed coment	Inactive	Spam.	-
32	UE	UE	Inactive	Spam.	-
33	-	-	Inactive	Spam.	-
34	Istotnym elementem Transformacji jest zrównoważone budownictwo społeczne	En: An essential element of the Transformation is sustainable social housing.	Active	Housing is important to just transition	ENERGY TRANSITION
35	Za koszty transformacji energetycznej powinni zapłacić rząd, samorządy, przedsiębiorcy i najbogatsi (najlepiej poprzez podatki)	En: The costs of the energy transition should be borne by the government, local authorities, businesses, and the wealthiest individuals — preferably through taxation.	Active	The issue of costs of transition is pivotal to just tranistion	ENERGY TRANSITION
36	Transformacja energetyczna powinna polegać w pierwszej kolejności na zapewnieniu wiecznych dobrze płatnych rent pracownikom przemysłu	En: An essential element of the Transformation is sustainable social housing.	Active	The issue of rents is important to just transition, additionally, this SS may serve as an effective catalyst for discussion.	ENERGY TRANSITION
37	Przemysłowe dziedzictwo GŚ przeszkadza w rozwoju regionu rozumianego jako zarabianie ogromnej ilości pieniędzy na korporacyjnych interesach	En: The industrial legacy of Upper Silesia hampers the region's development understood in terms of generating substantial profits through corporate interests.	Inactive	The repeated SS may lead to misunderstanding, as it merge industrial heritage with corporate interests.	-
38	Transformacja energetyczna robiona kosztem zwykłych ludzi doprowadzi do upadku regionu, biedy i wzrostu liczby zgonów	En: An energy transition carried out at the expense of ordinary people will lead to regional decline, increased poverty, and a rise in mortality rates.	Active	The issue of peoples economic condition is important to just	RE-SKILLING

				transition, additionally, this SS may serve as an effective catalyst for discussion.	
39	Korporacyjne podejście do transformacji energetycznej jest szkodliwe	En: The corporate-driven approach to the energy transition is detrimental.	Active	The issue of involvment corporates in transitions is important, additionally, this SS may serve as an effective catalyst for discussion.	ENERGY TRANSITION
40	Rozwój, zmiana, tożsamość, możliwości regionu itp. związane z transformacją są definiowane w ujęciu kapitalistyczno-korporacyjnym.	En: The costs of the energy transition should be borne by the government, local authorities, businesses, and the wealthiest individuals — preferably through taxation.	Inactive	It is not a real SS, but comment to unspecified SS	-
41	Proszę poprawić to zdanie.	En: Please correct this sentence.	Inactive	It is not a real SS, but comment to unspecified SS	-
42	Zarówno w tym, jak i w czym jeszcze? Słowo "zarówno" jest zbędne.	En: Both in this and in what else? The word 'both' is unnecessary.	Inactive	It is not a real SS, but comment to unspecified SS	-
43	Jak to tylko dla wizerunku, a nie dla dobra ludzi, to może jej nie być wcale.	En: If it's only for image and not for the good of the people, then it might as well not exist at all. [about transformation?]	Inactive	It is not a real SS, but comment to unspecified SS	-
44	Czy istnieją miejsca pracy, w których obowiązuje wiek minimum 40 lat? Bo to chyba nielegalne...	En: Are there any jobs where the minimum age requirement is 40? Because that seems to be illegal...	Inactive	It is not a real SS, but comment to unspecified SS	-
45	I czy kiedy ktoś się nie angażuje (odpowiednio entuzjastycznie?), tylko jest zmuszony się dostosować, to pomoc mu się nie należy?	En: And if someone doesn't engage (appropriately enthusiastically?), but is merely forced to adapt, does that mean they are not entitled to help?	Inactive	It is not a real SS, but comment to unspecified SS	-
46	Zaangażowała czy została zmuszona?	En: Did she/it/they get involved or was she/it/they forced?	Inactive	It is not a real SS, but comment to unspecified SS	-
47	A jacy to są "niezwykli" ludzie?	En: And who are these 'extraordinary' people?	Inactive	It is not a real SS, but comment to unspecified SS	-
48	Lepiej niż co?	En: Better than what?	Inactive	It is not a real SS, but comment to unspecified SS	-
49	Jaki rodzaj dziedzictwa? Język, stroje ludowe, infrastruktura poprzemysłowa? Jaki rozwój? Ekonomiczny, społeczny, kulturalny?	En: What kind of heritage? Language, traditional costumes, post-industrial infrastructure? What kind of development? Economic, social, cultural?	Inactive	It is not a real SS, but comment to unspecified SS	-
50	Poszczególne miasta może tak, ale czy cały (Górny) Śląsk? Chyba nie.	En: Individual cities, perhaps, but the entire (Upper) Silesia? I don't think so	Inactive	It is not a real SS, but comment to unspecified SS	-

51	Sztuczna Inteligencja zużywa ogromną ilość zasobów naturalnych i jako taka nie może zostać użyta w transformacji energetycznej	En: Artificial Intelligence consumes vast amounts of natural resources and, as such, cannot be used in the energy transition.	Active	Issues related to artificial intelligence were not addressed in SS.	ENERGY TRANSITION
52	Odnawialne źródła energii również produkują swoją formę zanieczyszczeń	En: Renewable energy sources also produce their own form of pollution.	Active	The issue of enviromental costs of renewable energy is pivotal to just tranistion	ENERGY TRANSITION
53	„W pierwszej kolejności" to może za dużo powiedziane, ale z całą pewnością los pracowników musi być jednym z kilku równorzędnych priorytetów	En: To say 'first and foremost' might be an overstatement, but the fate of the workers must certainly be one of several equally important priorities.	Inactive	It is not a real SS, but comment to unspecified SS	-
54	Żaden radykalizm nie jest dobry, nie działaniom nieostrożnym byle tylko szybko spełnić jakiś ideologiczny ideał	En: No form of radicalism is beneficial; nor should there be reckless actions merely for the sake of hastily fulfilling some ideological ideal.	Inactive	It is not a real SS, but comment to unspecified SS	-
55	Same odnawialne źródła energii to jednak może być za mało. Źródła energii muszą być zdywersyfikowane, ważną rolę musi odgrywać atom	En: Renewable energy sources alone may, however, be insufficient. The energy mix must be diversified, and nuclear power must play an important role.	Inactive	The issue of nuclear energy and renewable energy is pivotal to just tranistion	-
56	Idea, że najbogatsi powinni zapłacić, brzmi atrakcyjnie, ale trzeba też być realistą, brać pod uwagę to że ludzie są z natury źli i chciwi	En: The idea that the wealthiest should pay sounds appealing, but one must also be realistic and take into account that human nature tends toward selfishness and greed.	Inactive	It is not a real SS, but comment to unspecified SS	-
57	Jest wiele aglomeracji/konurbacji złożonych z pojedynczo małych ośrodków, które są silne jako aglomeracja bez tworzenia formalnie megamiasta	En: There are numerous agglomerations or conurbations composed of individually small centers, which function as strong urban entities without formally constituting a megacity.	Inactive	It is not a real SS, but comment to unspecified SS	-
58	Korporacyjne podejście do transformacji energetycznej jest szkodliwe - zdanie które nie ma znaczenia.	En: The corporate approach to energy transition is harmful – a statement that is meaningless.	Inactive	It is not a real SS, but comment to unspecified SS	-
59	Transformacja energetyczna powinna polegać przede wszystkim na zapewnieniu bezpieczeństwa energetycznego państwa.	En: Energy transition should primarily consist in ensuring the state's energy security.	Active	The issue of state energy transformation is pivotal to just tranistion	ENERGY TRANSITION
60	Każdy region (miasto) zapewne chce mieć własny zalążek historii, więc utworzenie jednego megamiasta spowoduje zatracenie tożsamości	En: Every region (city) likely wants to preserve its own seed of history, so the creation of a single megacity would result in the loss of identity.	Active	The issue of local identity is crucial for Silesia	METROPOLIZATION
61	Nie, to fikcja nie poparta żadnymi wiarygodnymi opracowaniami. Co gorsza obecne założenia wykorzystania oze prowadzą wprost do blackoutu.	En: No, this is fiction unsupported by any credible studies. Worse yet, the current assumptions regarding the use of renewables lead directly to a blackout.	Inactive	It is not a real SS, but comment to unspecified SS	-
62	Nie. Dziedzictwo przemysłowy już nie ma tak wielkiego wpływu na jego rozwój jak 20, 30 lat temu.	En: No. Industrial heritage no longer has as significant an impact on its development as it did 20 or 30 years ago.	Inactive	It is not a real SS, but comment to unspecified SS	-
63	Nie, stare obiekty poprzemysłowe często stanowią podstawę daleszego ich wykorzystania do celów poprzemysłowych.	En: No, old post-industrial facilities often serve as the basis for their further reuse for post-industrial purposes.	Inactive	It is not a real SS, but comment to unspecified SS	-

64	Transformacja energetyczna, póki co, jest kosztem nas wszystkich i w istotny sposób podnosi ceny energii.	En: So far, the energy transition has been a cost borne by all of us and has significantly increased energy prices.	Active	The issue of energy cost is important for future transitions.	ENERGY TRANSITION
65	Uczelnie na Śląsku są zbyt słabe, aby region był z tego znany. Żeby do tego doszło potrzeba naprawdę wiele reform	En: Universities in Silesia are too weak for the region to be known for them. Achieving that would require truly extensive reforms.	Active	The issue of local universities are important to just transition in Silesia.	EDUCATION
66	najwazniejszy jest rozwój gospodarki i biznesu	En: The most important thing is the development of the economy and business.	Inactive	SS is overly general.	-
67	Nie do końca lepiej finansować remonty, ale też można o wszystkim zapomnieć. Należy podtrzymywać świadomość rozwoju Śląska	En: It's not entirely better to finance renovations, but at the same time, one can't forget everything. The awareness of Silesia's development must be maintained.	Inactive	It is not a real SS, but comment to unspecified SS	-
68	Nie, potem ludzie będą protestować i emigrować	En: No, then people will protest and emigrate.	Inactive	It is not a real SS, but comment to unspecified SS	-
69	Transformacja energetyczna dotyczy nie tylko Śląska, ale i całego kraju.	En: The energy transition concerns not only Silesia but the entire country.	Inactive	SS is overly general.	-
70	Nie należy zapominać, że istotnq część inwestycji jest prywatna.	En: It should not be forgotten that a significant part of the investments is private.	Inactive	SS is overly general.	-
71	Zdecydowanie nie. Zawsze są poszkodowani.	En: Definitely not. There are always those who are disadvantaged.	Inactive	It is not a real SS, but comment to unspecified SS	-
72	.	En: . [dot]	Inactive	Spam.	-
73	Nie ma możliwości wprowadzenia radykalnej transformacji. Taki proces trwa latami.	En: There is no possibility of implementing a radical transformation. Such a process takes years.	Inactive	It is the same SS as ID19	-
74	Uczelnie powinny tworzyć programy dostosowane do rynku pracy	En: Universities should create programs tailored to the labor market.	Active	The issue of local universities are important to just transition in Silesia.	EDUCATION
75	Jeśli powyższe miałoby się stać, ostatecznie koszty transformacji poniosą wszyscy obywatele. Rząd, samorządy nie posiadają własnych pomiędzy	En: If the above were to happen, ultimately, the costs of the transition would be borne by all citizens. The government and local authorities do not have their own resources.	Inactive	It is not a real SS, but comment to unspecified SS	-
76	Nie tylko biznes może generować transformację.	En: Not only business can drive transformation. [or No, only bussines can drive transformation if comment is incorrect]	Inactive	SS is overly general.	-
77	Styczna inteligencja spowoduje istotne zmiany rynkach pracy, a jej wpływ jest tylko kwestią czasu.	En: Artificial intelligence will cause significant changes in labor markets, and its impact is only a matter of time	Inactive	It is not a real SS, but comment to unspecified SS	-
78	Śląsk nie posiada żadnej wizji rozwoju ani transformacji, a wszystkie pomysły dziełem chwili.	En: Silesia has no vision for development or transformation, and all ideas are the work of the moment.	Inactive	It is the same SS as ID30	-
79	Nie, ponieważ jeszcze nie nastąpiły takie zmiany aby tę determinację zainicjować.	En: No, because such changes have not yet occurred to initiate this determination.	Inactive	It is not a real SS, but comment to unspecified SS	-

80	Nie, dziedzictwo przemysłowe nie ma wpływu na jego rozwój.	En: No, industrial heritage has no impact on its development.	Inactive	It is not a real SS, but comment to unspecified SS	-
81	Tylko rewitalizacja terenów po przemysłowych w uzgodnieniu ze społecznością lokalną ma sens.	En: Only the revitalization of post-industrial areas in agreement with the local community makes sense	Inactive	It is the same SS as ID2	-
82	Nie ponieważ wiedzę nabywa się nie tylko na uczelniach.	En: No, because knowledge is acquired not only at universities.	Inactive	It is not a real SS, but comment to unspecified SS	-
83	razem miasta mogą być mocniejsze, ale zatracając tożsamość	En: Together, cities can be stronger, but at the cost of losing their identity.	Inactive	It is not a real SS, but comment to unspecified SS	-
84	Trudniej będzie uniknąć negatywnych konsekwencji jeśli zmiany będą radykalne	En: It will be harder to avoid negative consequences if the changes are radical.	Inactive	It is not a real SS, but comment to unspecified SS	-
85	Już widać zastępowanie stanowisk sztuczną inteligencją	En: It is already evident that positions are being replaced by artificial intelligence.	Inactive	It is not a real SS, but comment to unspecified SS	-
86	Może nie renty, ale ułatwienie i pierwszeństwo na rynku pracy	En: Maybe not pensions, but facilitation and priority in the labor market.	Inactive	It is not a real SS, but comment to unspecified SS	-
87	nie tylko, ale głównym generatorem	En: Not only, but the main generator.	Inactive	It is not a real SS, but comment to unspecified SS	-
88	Nie ma aktualnie warunków do całkowitej rezygnacji z energetyki opartej na węglu kamiennym.	En: Currently, there are no conditions for completely abandoning coal-based energy	Active	The issue of coal energy is hot topic in Sielsian reality.	ENERGY TRANSITION
89	Do dupy, pytania pisane przez generator losowych słów, a wykresy jeszcze gorsze	En: Terrible, the questions are written by a random word generator, and the charts are even worse.	Inactive	Spam.	-
90	Transformacja, transformacji nie równa. Nasza jest lepsza od ich.	En: Transformation is not equal to transformation. Ours is better than theirs.	Inactive	It is not a real SS, but comment to unspecified SS	-
91	Inwestycje w ludzi są najlepszym generatorem rozwoju i transformacji miast	En: Investments in people are the best generator of development and urban transformation.	Active	The issue of human capital is crucial for just transition	RE-SKILLING
92	Śląsk traci swój metropolitalny fundament - pora pogodzić się ze zmianą i zawalczyć o lepszą jakość życia, zamiast gonić za utraconą potęgą.	En: Silesia is losing its metropolitan foundation – it is time to accept change and fight for a better quality of life, rather than chasing after lost power.	Active	The issue of quality of life is important for future development	METROPOLIZATION
93	To nie uczelnie kształtują renomę czy przodują w technologii a firmy. Mamy jedną znaczącą uczelnię "technologiczną"	En: The universities do not shape reputation or lead in technology, but rather the companies do. We have one significant "technological" university.	Inactive	It is not a real SS, but comment to unspecified SS	-
94	Nie jestem za wygaszaniem przemysłów tradycyjnych	En: I am not in favor of phasing out traditional industries.	Inactive	It is not a real SS, but comment to unspecified SS	-

95	Ff	En: Ff	Inactive	Spam.	-
96	Filip@op.pl	E-mail adress	Inactive	Spam.	-
97	Potrzebne są stabilne źródła dla stabilizacji systemu energetycznego, w celu zapewnienia bezpieczeństwa energetycznego, rozwój sieci i magaz	En: Stable sources of energy are necessary to ensure the stabilization of the energy system, with the aim of safeguarding energy security, supporting grid development, and enabling storage capacity [? - icomplete sentece]	Inactive	SS is overly general.	-
98	Wizja rozwoju i transformacji wymaga stałej uwagi i doskonalenia. Wygaszenie górnictwa to wyzwanie długookresowe. Potrzeba planu i jego aktu	En: A vision for development and transformation requires ongoing attention and improvement. Shutting down the mining sector is a long-term challenge. It requires a clear plan and its actual implementation.	Inactive	SS is overly general.	-
99	Potrzeba wspierać partycypację społeczną, udział związków zawodowych w podejmowaniu decyzji, więcej rozmowy z ludzmi pracy	En: There is a need to support social participation, ensure the involvement of trade unions in decision-making processes, and foster more dialogue with working people.	Inactive	It is not a real SS, but comment to unspecified SS	-
100	Ślad węglowy OZE nie jest rozpatrywany co do zasady. OZE wpływa korzystnie na zasoby energii, lecz zmienia strukturę sieci od dołu do centru	En: The carbon footprint of renewable energy sources (RES) is generally not taken into consideration. While RES contributes positively to energy availability, it also transforms the structure of the energy grid from the bottom up toward the center.	Inactive	It is not a real SS, but comment to unspecified SS	-
101	Tak kształcenie i dbałość o kompetencje nie na teraz, lecz z przyszłości pozwolą na rozwój, chociaż trzeba też innych działań	En: Indeed, education and investment in future-oriented skills are not just for the present but for the future, and they will enable development — although additional measures are also necessary.	Inactive	It is not a real SS, but comment to unspecified SS	-
102	To długa droga, dla regionu bez innych zasobów, i wciąż słabo rozwiniętego w energetyce rozproszonej, za duże są opóźnienia na całkowi. rezy	En: It is a long road for a region lacking alternative resources and still underdeveloped in terms of distributed energy; the delays at the overall systemic level are too significant. [? - icomplete sentece]	Inactive	It is not a real SS, but comment to unspecified SS	-
103	Nie tylko, liczy się kultura współpracy z firmami działającymi tu i teraz oraz tymi jakie chcemy ściągnąć do regionu	En: It is not only about that — what also matters is the culture of cooperation with companies operating here and now, as well as those we aim to attract to the region	Inactive	It is not a real SS, but comment to unspecified SS	-
104	OZE z kopalń węgla nie zapew. bezpiecz. energ. OZE - ciepło z niskotempert. wód kopalnianych z pompy ciepła na dużą skalę pomogą.	En: Renewable energy sourced from coal mines does not ensure energy security. However, large-scale utilization of low-temperature mine water for heat generation via heat pumps can make a significant contribution. [non specialistic]	Inactive	It is not a real SS, but comment to unspecified SS	-
105	Miejsca pracy nie są przyszłościowe, automatyzacja i cyfryzacja zmieni miejsca pracy w przyszłości. Depopulacja jest wyzwaniem	En: The current jobs are not future-proof; automation and digitalization will transform the nature of employment in the coming years. Depopulation constitutes a major challenge.	Inactive	It is not a real SS, but comment to unspecified SS	-
106	TAK, ale już płacą i trzeba więcej z tych podatków na różne formy wsparcia	En: Yes, but they are already paying taxes — and a greater share of these revenues should be allocated to various forms of support.	Inactive	It is not a real SS, but comment to unspecified SS	-
107	Koszty są determinowane przyszłością. Rozwój kosztuje a transformacja bardziej gdy tracisz	En: Costs are determined by the future. Development entails expenses — and transformation is	Inactive	It is not a real SS, but comment to	-

	całe specjalizacje i pracę. Sprawiedliwa transfor	even more costly when entire specializations and jobs are lost. A just transition [? - incomplete sentence]		unspecified SS	
108	Co to jest zrównoważone budownictwo społeczne ? Potrzeba mieszkań komunalnych i remont zasobów SRK i kopalń dawnych i obecnych	En: What is sustainable social housing? There is a pressing need for municipal housing and for the renovation of the building stock belonging to the Mine Restructuring Company (SRK = Spółka Restrukturyzacji Kopalń) as well as former and current mining facilities.	Inactive	It is not a real SS, but comment to unspecified SS	-
109	Za mało wspieramy finansowo dzieci i wnuków górników, nie maja wsparcia,	En: We provide insufficient financial support to the children and grandchildren of miners; they lack adequate assistance.	Inactive	SS is overly general.	-
110	gearwheel2009@gmail.com	E-mail adress	Inactive	Spam.	-
111	Dla nas pracowników sektora prywatnego jest to niesprawiedliwa transformacja.	En: For us, workers in the private sector, this is an unjust transition.	Inactive	It is not a real SS, but comment to unspecified SS	-
112	Niektóre pytania nie mają jednoznacznej odpowiedzi, pasowałaby tu opcja "to zależy"	En: Some questions do not have a clear-cut answer; the option 'it depends' would be appropriate here.	Inactive	It is not a real SS, but comment to unspecified SS	-
113	Z mojego doświadczenia wynika, że aktualny rozdział środków z Funduszu Sprawiedliwej Transformacji jest nie do końca właściwy.	En: Based on my experience, the current allocation of funds from the Just Transition Fund is not entirely appropriate.	Inactive	It is not a real SS, but comment to unspecified SS	-
114	Rewitalizacja starych obiektów poprzemysłowych Tworzenie programów edukacyjnych odpowiadających potrzebom transformacji	En: Revitalisation of old post-industrial sites. Development of educational programmes tailored to the needs of transformation.	Inactive	It is not a real SS, but comment to unspecified SS	-
115	Transformacja energetyczna niszczy polski przemysł. Droga energia = zamykanie firm = bezrobocie. Potrzebny rozsądek, nie ideologia.	En: The energy transition is damaging Polish industry. Expensive energy leads to company closures and rising unemployment. What is needed is rationality, not ideology.	Inactive	It is not a real SS, but comment to unspecified SS	-
116	bbbb	En: bbbb	Inactive	Spam.	-
117	Śląsk często traci potencjał prospołeczny i turystyczny obiektów poprzemysłowych.	En: Silesia often fails to harness the social and tourism potential of its post-industrial sites.	Inactive	Remove due to late adding date. Good point of view about industrial heritage	INDUSTRIAL HERITAGE
118	Dla stworzenia humanistycznej metropolii Śląsk powinien więcej inwestować w samorządy.	En: To foster the development of a humanistic metropolis, Silesia should increase its investments in local self-governments.	Inactive	SS is overly general.	-
119	W Śląskich miastach, poza Katowicami, brakuje działań aktywizujących społeczność lokalną do działań pro społecznych.	En: In Silesian cities, with the exception of Katowice, there is a lack of initiatives aimed at mobilizing the local community towards pro-social engagement.	Inactive	Remove due to late adding date. Good point of view about social activities	METROPOLIZATION
120	Transformacja Śląska powinna uwzględniać inwestycje w tworzenie zielonych skwerów jednoczących lokalne społeczności.	En: The transformation of Silesia should include investments in the creation of green public spaces that foster social cohesion within local communities.	Inactive	SS is overly detailed.	-
121	Transformacji Śląska powinna towarzyszyć priorytetyzacja ruchu rowerowego i pieszego.	En: The transformation of Silesia should be accompanied by the prioritization of cycling and pedestrian mobility.	Inactive	Remove due to late adding date. Case of public	METROPOLIZATION

				transport is crucial for transformation.	
122	Transformacja Śląska powinna uwzględniać promocje nauki i sztuki	En: The transformation of Silesia should incorporate the promotion of science and the arts.	Inactive	Remove due to late adding date. Science and art development are strictly important for transformation	EDUCATION
123	Transformacja Śląska powinna uwzględniać spójny plan zagospodarowania przestrzennego eksponującego perełki architektoniczne.	En: The transformation of Silesia should include a coherent spatial development plan that highlights its architectural landmarks.	Inactive	Remove due to late adding date. Now Silesia have not spatial development plan for all region, this question should be discuted	METROPOLIZATION
124	Na Śląsku brakuje transportu publicznego do odległych dzielnic co utrudnia wsparcie wielu dzielnic pokopalnianych	En: Silesia lacks adequate public transportation to its more remote districts, which hampers efforts to support many former mining areas.	Inactive	Remove due to late adding date. Case of public transport is crucial for transformation.	METROPOLIZATION
125	Rozwój szkolnictwa nie może opierać się wyłącznie na zmianach w szkołach wyższych. Potrzebne są zmiany w technikach i liceach	En: The development of the education system cannot rely solely on reforms in higher education institutions. Changes are also necessary in technical secondary schools and general high schools.	Inactive	SS is overly detailed.	-
126	Ok	En: Ok	Inactive	Spam.	-
127	nie mam zdania	En: I have no opinion on the matter	Inactive	It is not a real SS, but comment to unspecified SS	-
128	..	En: ..	Inactive	Spam.	-
129	Utworzenie jednego miasta może rzeczywiście nie wzmocnić regionalnej tożsamości, natomiast jak najbardziej może przyspieszyć transformację	En: The creation of a single city may indeed fail to strengthen regional identity; however, it can certainly accelerate the transformation process.	Inactive	SS is overly detailed.	-
130	Za koszty transformacji energetycznej powinni płacić wszyscy, natomiast w miarę możliwości oraz proporcjonalnie do zarobków (podatki(	En: The costs of the energy transition should be borne by all, but distributed according to individuals' ability to pay and proportionally to their income (taxes([? - incomplete sentence]	Inactive	It is not a real SS, but comment to unspecified SS	-
131	Precz z Eurokołchozem, wrócić do węgla PRIORYTETOWO PLANETA NIE PŁONIE!!!!!!!!!	En: Down with Eurokołchoz [vulgar about European Union, connected with Russian term колхóз /kolkhoz/], return to coal—PRIORITY! THE PLANET IS NOT BURNING!!!!!!	Inactive	Spam related to Polish Presidental Elections	-
132	Dziedzictwo przemysłowe jest ważne, lecz nie powinno kierować rozwojem województwa, zwłaszcza przy transformacji energetycznej.	En: Industrial heritage is important; however, it should not dictate the development of the region, especially in the context of the energy transition.	Inactive	SS is overly detailed.	-
133	Energia pozyskiwana z odnawialnych źródeł energii ma potencjał być JEDNYM Z	En:Energy derived from renewable sources has the potential to be one of the components of a secure energy system.	Inactive	Too emotional	-

	elementów bezpiecznego systemu energetycznego				
134	Dziedzictwo przemysłowe może utrudniać transformację i rozwój, ale to część historii regionu i nie należy go pomijać.	En:Industrial heritage may hinder transformation and development; however, it constitutes an integral part of the region's history and should not be disregarded.	Inactive	It is similar to SS as ID3	-
135	AI pomaga usuwać rutynę, ale może zagrażać kreatywności i krytycznemu myśleniu, które może w stopniu znaczącym ograniczać.	En: AI assists in eliminating routine tasks; however, it may pose a threat to creativity and critical thinking, potentially significantly constraining them.	Inactive	It is not a real SS, but comment to unspecified SS	-
136	Transformacja energetyczna dotyczy każdego. Tylko źle realizowana prowadzi do upadku regionu.	En: The energy transition affects everyone; however, if poorly implemented, it can lead to regional decline.	Inactive	Too emotional	-
137	Jeden program edukacyjny ogranicza kreatywność i promuje tylko wybranych, odrzucając inne sposoby myślenia	En: A single educational program limits creativity and promotes only selected approaches, thereby marginalizing alternative ways of thinking.	Inactive	SS is overly detailed.	-
138	Energia odnawialna powinna stopniowo zastępować kopalną, aż infrastruktura węglowa zostanie całkowicie wyłączona.	En: Renewable energy should gradually replace fossil fuels until coal infrastructure is completely phased out.	Inactive	Similar to other SS from ENERGY TRANSITION category	-
139	Po przez nieudolne decyzje rządu nie widać perspektywy sprawiedliwej transformacji.	En: Due to inept government decisions, there is no clear prospect for a just transition.	Inactive	Too political	-
140	Dobra transformacja z udziałem społeczności może zatrzymać młodych w regionie, zmniejszając ich chęć wyjazdu za granicę.	En:A well-executed transformation with community involvement can retain young people in the region, reducing their inclination to emigrate abroad.	Inactive	It is not a real SS, but mix to unspecified SS	-
141	Ceny energii rosną przez przestarzały przemysł i ograniczone surowce, nie przez transformację, która może poprawić niezależność państwa.	En:Energy prices increase due to outdated industry and limited resources, not because of the transition, which has the potential to enhance state energy independence.	Inactive	SS is overly detailed.	-
142	Transformacja energetyczna powinna w pierwszej kolejności polegać na przekwalifikowaniu pracowników do nowych warunków rynku pracy.	En: The energy transition should primarily focus on the retraining of workers to adapt to the new labor market conditions.	Inactive	Remove due to late adding date. Important issue of re-skilling throught transition	RE-SKILLING
143	Zależy od zawodu	En: It depends on the profession.	Inactive	It is not a real SS, but comment to unspecified SS	-
144	Powinniśmy skupić się na edukacji technicznej, stawiając ją ponad humanistyczną i ekonomiczną w celu zwiększenia rozwoju gospodarczego	En: We should prioritize technical education over humanities and economics to enhance economic development.	Inactive	Remove due to late adding date. Interesting idea about education - it may provoke more discutions	EDUCATION
145	S'lonsk musi najprzod miec' swoje historyczne granice, a dopiyro potym je uczciwym godac' na na tematy kere sam chcecie poruszac'.	En: Silesia must first have its historical borders restored, and only then can we honestly talk about the issues you want to raise.	Inactive	Too political	-
146	Danielbobko@wp.pl	E-mail adress	Inactive	Spam.	-
147	I think We need changescbut tradition Can non be forgoten		Inactive	It is not a real SS, but comment to unspecified SS,	-

				additionaly in English	
148	Może tak ktoś się przyłożył i pytania przetłumaczył na język polski a nie na Kalego	En: Maybe someone actually put in the effort and translated the questions into Polish, not into 'Kali language [literature context]	Inactive	Comment about language of interface	-
149	Ra	En: Ra [?]	Inactive	Spam.	-
150	greAT	En: greAT [?]	Inactive	Spam.	-
151	Brak perspektywy ciągłości zatrudnienia dla osób pracujących w przemyśle okołogórniczym	En: Lack of employment continuity prospects for people working in the coal-adjacent industries	Inactive	It is not a real SS, but comment to unspecified SS	-
152	To change energetic system and drop mining coal, Silesia need to have atonic electrition first.		Inactive	It is not a real SS, but comment to unspecified SS, additionaly in English	-
153	Dziedzictwo kulturalne Śląska jest unikatowe i należy je pielęgnować, gdyż może być wykorzystane do promocji regionu i przeobrażeniu go.	En: The cultural heritage of Silesia is unique and should be preserved, as it can be leveraged to promote and transform the region	Inactive	It is too late to add SS	-
154	Śląsk może się pochwalić ogromną ilością znanych naukowców, artystów, których dorobek jest istotnych dla kultury i rozwoju, promocji Śląska	En: Silesia can boast a significant number of renowned scientists and artists whose achievements are essential to the region's culture, development, and promotion.	Inactive	It is too late to add SS	-
155	Śląsk staje się miejscem istotnym z punktu widzenia kultury na świecie, a inwestycje takie, jak NOSPR przyciągają czołowych artystów.	En: Silesia is becoming an important location in the global cultural landscape, and investments such as Polish National Radio Symphony Orchestra (NOSPR) attract leading artists	Inactive	It is too late to add SS	-
156	Śląsk jest znany z wybitnych osobowości artystycznych (Kilar, Górecki, Preisner, Zimmermann, i in.)	En: Silesia is known for its outstanding artistic figures (Kilar, Górecki, Preisner, Zimmermann, among others). [composers]	Inactive	It is too late to add SS	-
157	Seba	En: shortcut from Sebastian name	Inactive	Spam.	-
158	M	En: M [letter]	Inactive	Spam.	-
159	Przeszłość przemysłowa Śląska jest istotna dla jego unikatowej kultury	En: The industrial past of Silesia is integral to its unique culture.	Inactive	SS is overly general.	-
160	Aablasz@wp.pl	E-mail adress	Inactive	Spam.	-
161	Transformacja musi być z poszanowaniem tradycji i historii górniczej. świetne przykłady: Kopalnia GUIDO i Królowa Luiza w zabrzu.	En: The transformation must respect mining traditions and history. Great examples include the GUIDO Mine and Queen Louise in Zabrze.	Inactive	It is not a real SS, but comment to unspecified SS	-
162	kadrasilesia@wp.pl	E-mail adress	Inactive	Spam.	-
163	Energetyka nisko i zeroemisyjną nie może być wprowadzana chaotycznie, poprzez wygaszanie energetyki konwencjonalnej bez alternatywy dla OZE.	En: Low- and zero-emission energy cannot be introduced in a chaotic manner by phasing out conventional energy sources without offering alternatives to renewables.	Inactive	It is too late to add SS	-
164	Raczej powinna	En: It rather should be	Inactive	It is not a real SS, but comment to unspecified SS	-
165	zgadzam się	En: I agree	Inactive	It is not a real SS, but comment to	-

				unspecified SS	
166	nie zgadzam się	En: I disagree	Inactive	It is not a real SS, but comment to unspecified SS	-
167	Transformacja w regionie powinna odbywać się w sposób ewolucyjny a nie rewolucyjny.	En:The transformation in the region should take place in an evolutionary, not revolutionary, manner.	Inactive	It is too late to add SS	-
168	I tak i nie. Nie umiem odpowiedzieć, czy na Śląsku potrafimy się pięknie różnić.	En: Yes and no. I can't say for sure whether we, in Silesia, know how to disagree beautifully.	Inactive	It is not a real SS, but comment to unspecified SS	-
169	Tak się dzieje jak znikają więzi międzyludzkie. Rewitalizacja poprzez wyburzenie.	En: This is what happens when interpersonal bonds disappear. Revitalization through demolition	Inactive	It is not a real SS, but comment to unspecified SS	-
170	Doprecyzowania wymaga kryterium rozpoznawalności	En: The criterion of recognizability requires further clarification.	Inactive	It is not a real SS, but comment to unspecified SS	-
171	Może uzupełniać system ale nie zapewni bezpieczeństwa energetycznego	En: It may complement the system but will not ensure energy security.	Inactive	It is not a real SS, but comment to unspecified SS	-
172	Zawody i kompetencje przyszłości	En: Professions and competencies of the future	Inactive	It is not a real SS, but comment to unspecified SS	-
173	Partycypacja w transformacji jest bardzo ważna.	En: Participation in the transformation is very important.	Inactive	It is not a real SS, but comment to unspecified SS	-
174	Miasta powinny otrzymać realna pomoc w zagospodarowaniu terenów poprzemysłowych	En: Cities should receive genuine support in the redevelopment of post-industrial areas.	Inactive	It is not a real SS, but comment to unspecified SS	-
175	Sprawna komunikacja publiczna, szczególnie oparta na transporcie szynowym może realnie pomóc w procesie transformacji	En: Sprawna komunikacja publiczna, szczególnie oparta na transporcie szynowym może realnie pomóc w procesie transformacji	Inactive	It is too late to add SS	-

Table 26 Stara Zagora/ Pol.is Moderation

id	statement	translated statement	status	explanation	category
	Образованието трябва да се свърже по-тясно с нуждите на пазара на труда.	Education should be more closely linked to labor market needs.	in		seed statement
	Образованието не трябва да се подчинява единствено на нуждите на пазара, а да развива критично мислене, гъвкавост и умения за живот.	Education should not be solely subordinated to market needs, but should develop critical thinking, flexibility, and life skills.	in		seed statement
	Дигиталните технологии могат да направят ученето по-достъпно и ангажиращо.	Digital technologies can make learning more accessible and engaging.	in		seed statement
	Прекаленото дигитализиране може да влоши критичното мислене и социалните умения.	Excessive digitalization can impair critical thinking and social skills.	in		seed statement

	Дигитализацията трябва да се интегрира на всички нива на образованието, като допълва традиционните методи.	Digitalization should be integrated at all levels of education, complementing traditional methods.	in		seed statement
	Дигиталните технологии трябва да се въвеждат в образователния процес само след определена възраст и при условие, че учителите са подготвени да ги използват ефективно.	Digital technologies should be introduced into the educational process only after a certain age and provided that teachers are prepared to use them effectively.	in		seed statement
	Общественият транспорт в региона трябва да бъде по-ефективен, екосъобразен и съвременен.	Public transport in the region should be more efficient, eco-friendly, and modern.	in		seed statement
	Подобряването на пътната инфраструктура трябва да бъде неотложен приоритет.	Improving road infrastructure should be an urgent priority.	in		seed statement
	Развитието на транспортната инфраструктура трябва да насърчава активното придвижване на гражданите (колоездене, ходене пеша) вместо използването на лични автомобили.	Transport infrastructure development should promote active mobility (cycling, walking) instead of car use.	in		seed statement
	Закупуването на лични нискоемисионни автомобили трябва да се насърчава чрез грантове/намалени такси и подобрена инфраструктура (зарядни станции, паркоместа и т.н).	The purchase of low-emission private vehicles should be encouraged through grants/reduced fees and improved infrastructure (charging stations, parking, etc.).	in		seed statement
	Регионът на Стара Загора трябва да се утвърди като дигитален център с условия за иновативни компании.	The Stara Zagora region should establish itself as a digital hub with conditions for innovative companies.	out	no consensus reached; a lot of "pass"	seed statement
	Не бива да се пренебрегва развитието на традиционните индустрии в регион Стара Загора.	The development of traditional industries in the Stara Zagora region should not be neglected.	in		seed statement
	И работодателите и местната власт трябва да инвестират съвместно в професионалното образование.	Both employers and local authorities should jointly invest in vocational education.	in		seed statement
	Именно пазарът на труда, а не местната власт, следва да има водещата роля и отговорност при подготовката на кадри.	The labor market, not local authorities, should take the lead in workforce preparation.	out	no consensus reached; a lot of "pass"	seed statement
	Зелените площи трябва да останат предимно за почивка и отдих.	Green spaces should remain primarily for rest and recreation.	in		seed statement
	Парковете трябва да предлагат повече спортни съоръжения и велоалеи.	Parks should offer more sports facilities and bike lanes.	in		seed statement
	Учителите и впоследствие учениците трябва приоритетно да се обучават в използването на дигитални технологии - и конкретно изкуствен интелект.	Teachers and then students should be trained as a priority in using digital technologies—especially artificial intelligence.	out	no consensus reached; a lot of "pass"	participant comment
	В проектите свързани с развитието на града да се включат хора от всички възрасти, етноси, социални групи.	People of all ages, ethnicities, and social groups should be involved in urban development projects.	in		participant comment
	Регионална кръгова икономика, която да задоволява всички базови нужди на населението свързани с физическото оцеляване и развитието на хората.	A regional circular economy that meets all the basic survival and development needs of the population.	in		participant comment
	Въвеждане в образованието на дейности заздравяващи връзката на децата и младите хора с природата.	Introduce educational activities that strengthen children's and youth's connection to nature.	in		participant comment
	Фокус върху чиста храна, чиста вода, чист въздух за всеки гражданин на населено място в региона.	Focus on clean food, clean water, and clean air for every citizen in the region.	in		participant comment
	Да се създаде общност от доброволци, които да помагат при различни събития и насърчаването на взаимопомощта между хората.	A community of volunteers should be created to assist with events and encourage mutual aid.	in		participant comment

	Културната програма да се разшири с нови събития и фестивали. Да има повече спортни събития, кулинарни събития, събития за деца и други.	The cultural program should be expanded with new events and festivals—more sports, culinary, children's events, etc.	in		participant comment
	Да се спре с изсичането на дървета за сметка на жилищни кооперации.	Stop cutting down trees to build residential buildings.	in		participant comment
	Да се обновят и подобрят маршрутите на градския транспорт.	Improve and renew public transportation routes.	in		participant comment
	Да се децентрализира индустрията и да се създава икономическа дейност във всички населени места в региона.	Decentralize industry and create economic activity in all settlements in the region.	in		participant comment
	Да се работи заедно с бизнеса за достойно заплащане на труда, повече социални придобивки и по-добри условия на труд.	Work together with businesses for decent wages, more benefits, and better working conditions.	in		participant comment
	Оптимизация на процеси и работата на общинска администрация.	Optimize the processes and work of municipal administration.	in		participant comment
	Подобряване на качеството на извършваните ремонти. Поддръжка и опазване на общинското имущество.	Improve the quality of repairs. Maintain and protect municipal property.	in		participant comment
	Интернет инфраструктурата е на добро ниво и не е приоритет за по-нататъшно развитие в региона.	Internet infrastructure is sufficient and not a priority for further development in the region.	out	no consensus reached; a lot of "pass"	seed statement
	Високоскоростният интернет в региона е ключов за цифровизацията и бъдещето на младите.	High-speed internet in the region is key to digitalization and the future of young people.	out	no consensus reached; a lot of "pass"	seed statement
	Не трябва да се дава предимство на STEM направленията – всички специалности, включително хуманитарните и изкуствата, са еднакво важни.	STEM fields should not be prioritized—humanities and arts are equally important.	out	no consensus reached; a lot of "pass"	seed statement
	Зоните в града с ограничен достъп за автомобили трябва да се увеличат.	Car-restricted zones in the city should be expanded.	out	no consensus reached; a lot of "pass"	seed statement
	Ограничаването на свободния достъп на автомобили до определени части на града затруднява местния бизнес и придвижването на гражданите.	Limiting car access in parts of the city hinders local businesses and citizen mobility.	out	no consensus reached; a lot of "pass"	seed statement
	Регионът разполага с надежден интернет, което ограничава нуждата от допълнителни инвестиции в тази сфера.	The region has reliable internet, reducing the need for further investment in this area.	out	no consensus reached; a lot of "pass"	seed statement
	Недостатъчната интернет свързаност в региона възпрепятства цифровия напредък и ограничава възможностите за развитие на младите.	Insufficient internet connectivity hinders digital progress and limits opportunities for youth.	out	no consensus reached; a lot of "pass"	seed statement
	Ранното професионално насочване ограничава развитието на интереси.	Early career orientation limits interest development.	out	no consensus reached; a lot of "pass"	seed statement
	Професионалното ориентиране трябва да започва от прогимназията (5-7 клас).	Career orientation should begin in middle school (grades 5–7).	out	no consensus reached; a lot of "pass"	seed statement
	Всички институции, организации и хора в града да работят съвместно като между личностите неразбирателства са оставени в миналото.	All institutions, organizations, and people in the city should work together, leaving interpersonal misunderstandings in the past.	out	unclear; doesn't contribute to discussion	participant comment
	Да има повече социални програми, които реално да решават проблемите на гражданите.	There should be more social programs that effectively solve citizens' problems.	out	unclear; doesn't contribute to discussion	participant comment
	Да има звено към което човек в нужда може да се обърне за помощ и да получи необходимата му помощ без значиние на вида помощ.	There should be a unit where a person in need can turn to and receive the necessary assistance, regardless of its type.	out	unclear; doesn't contribute to discussion	participant comment
	Да се даде възможността на всички хора, които искат да допринасят със	Everyone willing to contribute with knowledge, labor, or ideas should be able to join suitable projects.	out	unclear; doesn't contribute to discussion	participant comment

	знание, труд и идеи да се включат в подподящи за тях проекти.				
	Да има безплатни събитие с разнообразна тематика, които да са насочени към хората и техните нужди.	There should be free events with diverse themes that address people's needs.	out	unclear; doesn't contribute to discussion	participant comment
	Да има събития свързани с всички аспекти от живота които да обединяват, развиват хората и така всеки гражданин бъде част от общността.	Events should cover all aspects of life, unite and empower people, and make everyone feel part of the community.	out	unclear; doesn't contribute to discussion	participant comment
	Да има различни безплатни курсове и обучения, в които хора в неравностойно финансово положение да надграждат знанията и уменията си.	There should be various free courses and training programs where financially disadvantaged people can upgrade their skills and knowledge.	out	out of topics in discussion; too narrow	participant comment
	Да има повече зеленина в градовети и селата, и да се засаждат плодови дървета.	More greenery should be planted in towns and villages, including fruit trees.	out	unclear; doesn't contribute to discussion	participant comment
	Да се създадат места за отдих сред природата.	Rest areas should be created in nature.	in		participant comment
	Да се осъществи реално обединение, единение на хората в името на общото благо, запазване на населението във всички населени места от региона	True unity among people should be achieved for the common good and to retain population across all settlements in the region.	out	unclear; doesn't contribute to discussion	participant comment
	Фокус върху достоен начин на живот за всеки един човек от региона, опазване на околната среда, достъпни за всички образование здравеопазване	Focus on a dignified life for every person in the region, environmental protection, and accessible education and healthcare for all.	out	covers too many concepts; not possible to formulate statements	participant comment
	Да се обновят съществуващите и да са създадат нови туристически маршрути.	Existing tourist routes should be renovated and new ones developed.	out	out of topics in discussion	participant comment
	Да се създаде модерен градоустройствен план с жилищни сгради на достатъчно голямо разстояние една от други и да има зелени площи между тях.	A modern urban development plan should ensure sufficient spacing between residential buildings and green areas in between.	out	doesn't contribute to discussion	participant comment
	В училищата трябва приоритетно да се развиват STEM направленията – наука, технологии, инженерство и математика.	STEM fields—science, technology, engineering, and mathematics—should be prioritized in schools.	out	no consensus reached; a lot of "pass"	seed statement
	Важно е да има добра/регулярна свързаност, с екологичен обществен транспорт, между всички населени места в Областта	It is important to have reliable and regular eco-friendly public transport connecting all settlements in the region.	out	already covered in other statements	participant comment
	Бъдещето на региона зависи от личната мотивация на всички граждани	The future of the region depends on the personal motivation of all its citizens.	out	unclear; doesn't contribute to discussion	participant comment
	Да се изгради парк с детска площадка в квартал Железник	A park with a children's playground should be built in the Zheleznik neighborhood.	out	too narrow, included in other comments	participant comment
	Да се ремонтират СПЕШНО И ЗАДЪЛЖИТЕЛНО малките асфалтови пътеки в междублоковите пространства. Да се направят красиви фотокътове в града	Small asphalt paths between apartment blocks must be URGENTLY repaired. Beautiful photo spots should be created in the city.	out	flagged as toxic from platform, covering multiple ideas	participant comment
	Бъдещето на региона зависи от личната мотивация на всички граждани	The future of the region depends on the personal motivation of all its citizens.	out	too broad	participant comment
	Важно е да има добра/регулярна свързаност, с екологичен обществен транспорт, между всички населени места в Областта	It is important to have reliable and regular eco-friendly public transport connecting all settlements in the region.	out	covered in another similar comment	participant comment

	Виждам инфраструктура за колоездене ☺	I see cycling infrastructure ☺	out	unclear; not a statement	participant comment
	Развитие на повече културни мероприятия. И най-важното: Как града да задържи младите след като завършат училище.	Develop more cultural events. Most importantly: how to retain young people after they graduate from school.	out	flagged as toxic from platform, covering multiple ideas	participant comment
	Да се спре изсичане на зелени площи в паркове и тяхното предаване за строителство на живищни или промишнени сгради.	Stop cutting green spaces in parks and converting them into residential or industrial buildings.	out	too narrow	participant comment
	Да се следи за безопасно правозване на деца в коли (изполване на специални детски столчета, използване на предпазни колане).	Ensure the safe transportation of children in cars (using child seats and seatbelts).	out	too narrow	participant comment
	Да не се возят деца под 150 ръст на предни седалки в коли.	Children under 150 cm should not ride in the front seats of cars.	out	too narrow	participant comment
	Стара Загора е град с потенциал за голямо развитие ,подгодящ е за млади и отворени хора.	Stara Zagora is a city with great development potential, suitable for young and open-minded people.	out	no specific idea; just a comment	participant comment
	Да има превоз от гр. Павел баня до жп спирка Павел баня.	There should be transport from Pavel Banya to the Pavel Banya train stop.	out	too narrow	participant comment
	Не съм съгласна с дигитализиране, трябва да има повече места за социални дейности.	I disagree with digitalization; there should be more spaces for social activities.	out	included in other comments	participant comment
	Общината има нужда от чист въздух и професионално управление, икономическата политика да не обслужва политически стратегии	The municipality needs clean air and professional management; economic policy should not serve political agendas.	out	multiple ideas; included in other comments	participant comment
	Ако се има предвид въглищните технологии - не съм съгласна.	If coal technologies are meant—I do not agree.	out	just a comment	participant comment
	Повишено внимание към вече направение обекти за отдих и спорт.Да има работна група за поддържане на Аязмото.Да се премахнат сухите дървета.	More attention should be paid to existing recreation and sports sites. A working group should maintain Ayazmoto Park. Remove dead trees.	out	included in other comments	participant comment
	Без стари дизелови автомобили и камиони, които са по-стари от 15 години!	No old diesel cars and trucks older than 15 years!	out	flagged as toxic from platform, included in other comments	participant comment
	Без дизели над 15 годишна възраст!!!	No diesels over 15 years old!!!	out	flagged as toxic from platform, included in other comments	participant comment