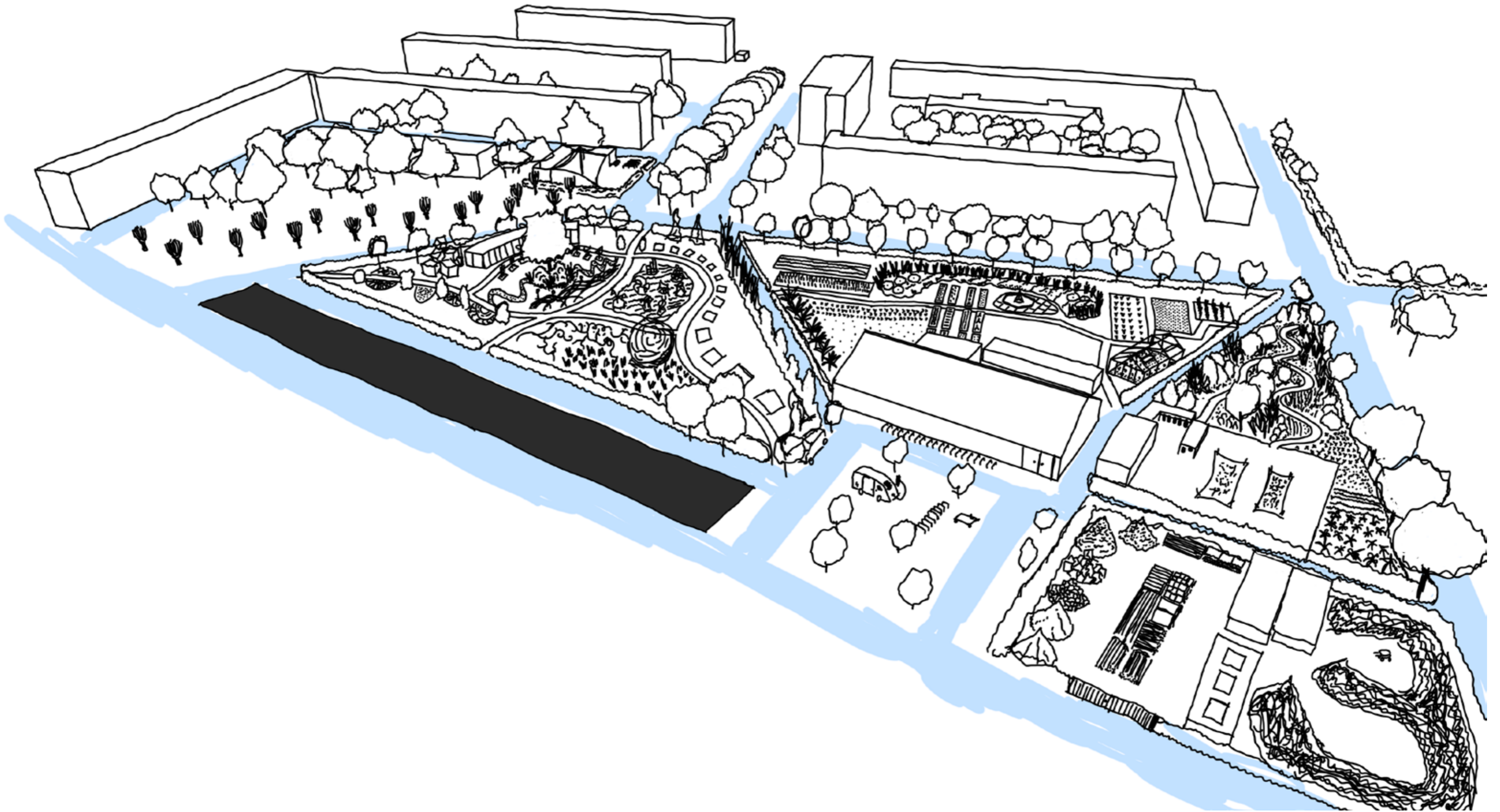


# Shifting Values | Prioritising Prosperity

Exploring how to feasibly introduce degrowth transitions creating legitimacy  
in traditionally growth-based societies  
on the example of Germany.



# Contextualisation

400.000!

Let's build 400.000 new  
housing units each year!  
We need them!

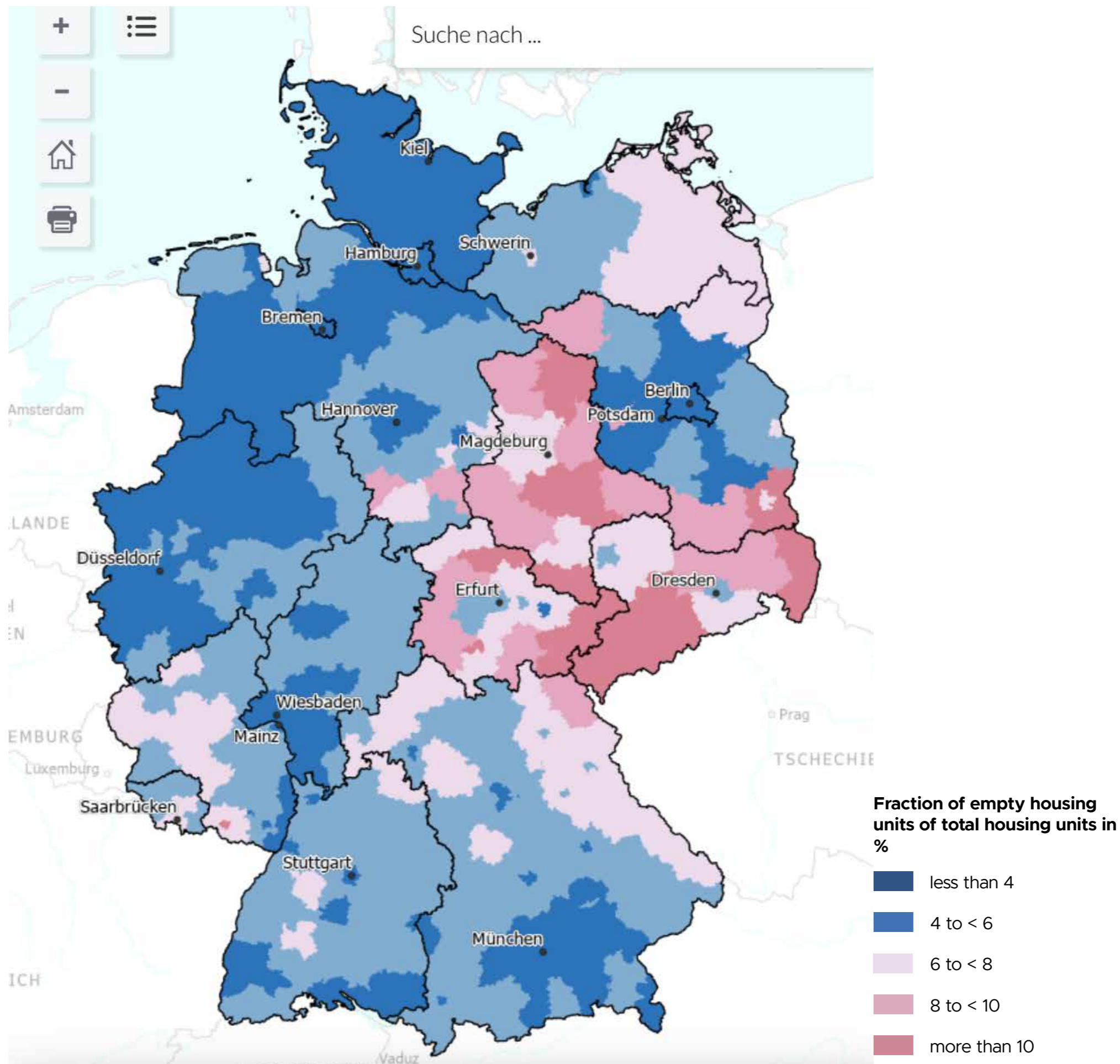


Die  
Bundesregierung

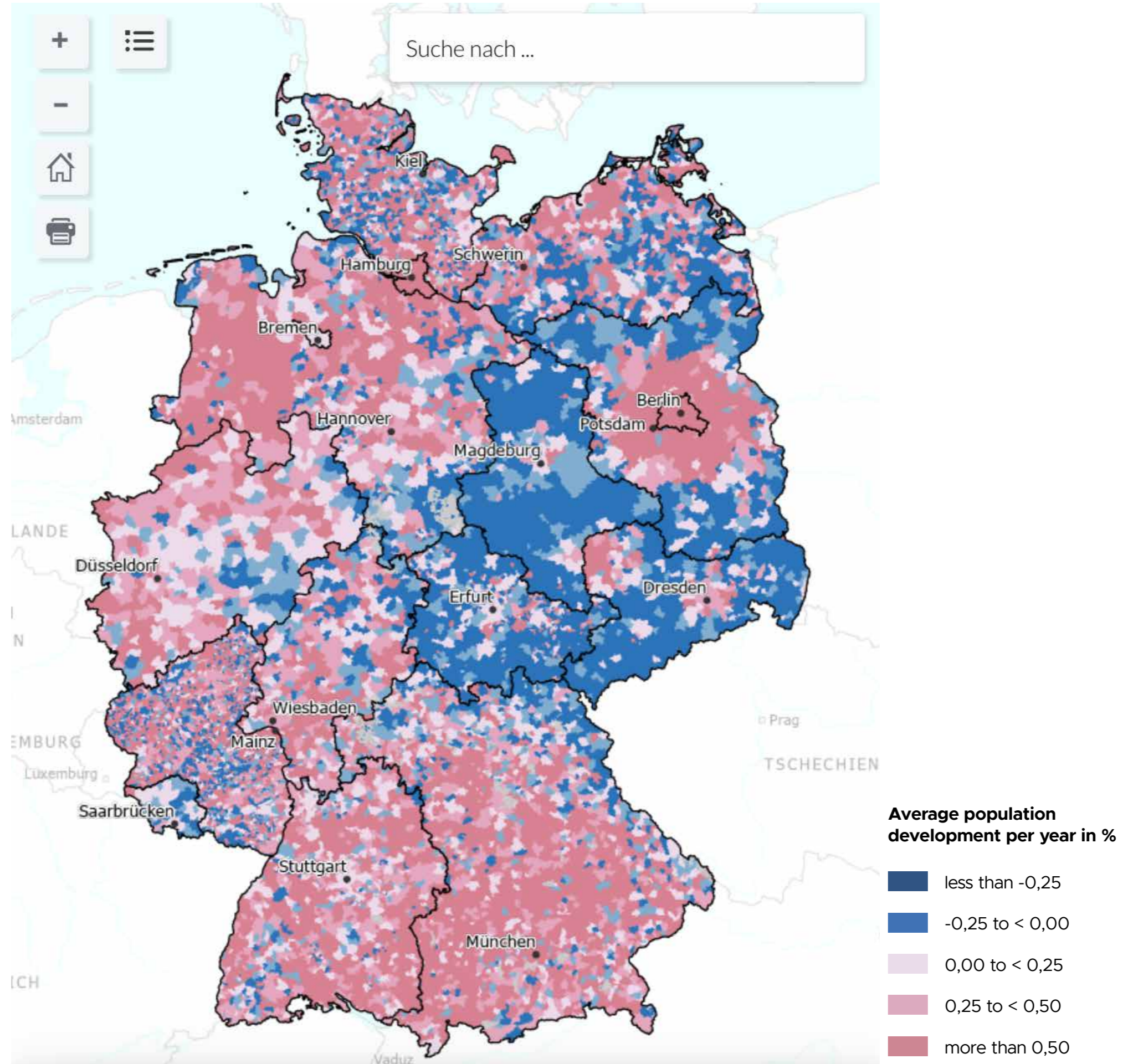
We are an Initiative of  
many professionals. Let's  
not do that! Let's instead  
save empty stock!



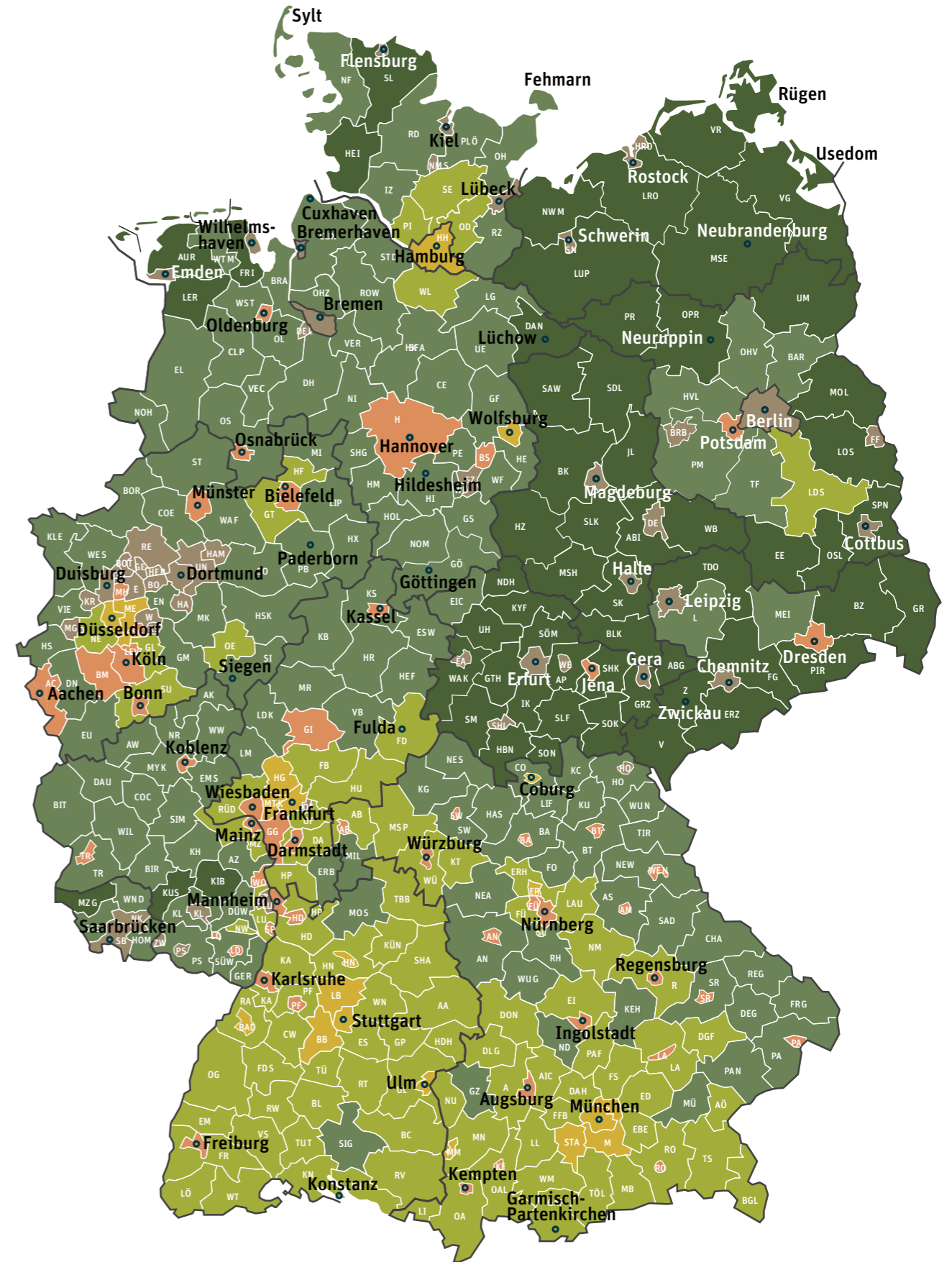
# Empty housing units



# Population dynamics



# Living conditions

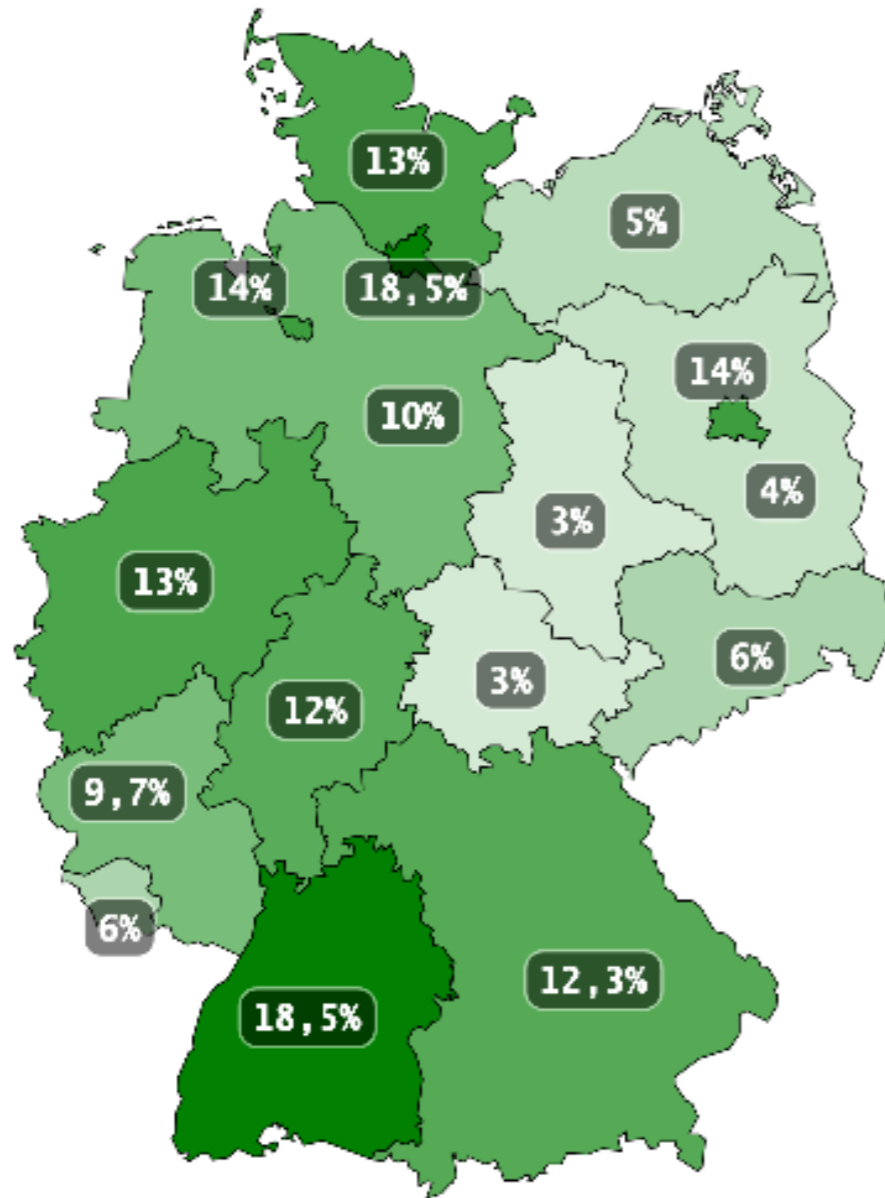


|  | Urban  |        |        | Rural  |        |        |
|--|--------|--------|--------|--------|--------|--------|
| Average values of the six clusters   | 1      | 2      | 3      | 4      | 5      | 6      |
| Social welfare quota (under the age of 65)   | 7,1    | 9,7    | 16,1   | 4,3    | 6,4    | 9,9    |
| Yearly household-income per person   | 27.032 | 21.450 | 19.133 | 23.950 | 21.697 | 19.106 |
| Amount of municipal taxes per person   | 1.498  | 1.007  | 720    | 1.039  | 773    | 577    |
| Fraction of people leaving school without at least the lowest degree                                     | 6,0    | 5,8    | 8,5    | 5,3    | 6,0    | 9,0    |
| Life expectancy of a newborn   | 81,7   | 80,8   | 79,6   | 81,7   | 80,5   | 79,7   |
| Average yearly migration saldo of 18-29 year-olds (per mille)  | 41,5   | 46,1   | 27,9   | 9,9    | -2,1   | -11,2  |
| Fraction of households with an internet connection speed >50 mbit/s                                      | 90,1   | 92,7   | 88,4   | 73,2   | 64,9   | 50,8   |
| Access index: average number of diverse provision locations within a 1 km radius from place of residence | 5,3    | 5,4    | 5,4    | 2,2    | 1,2    | 1,0    |
| Amount of countys within the cluster   | 19     | 51     | 51     | 89     | 133    | 58     |

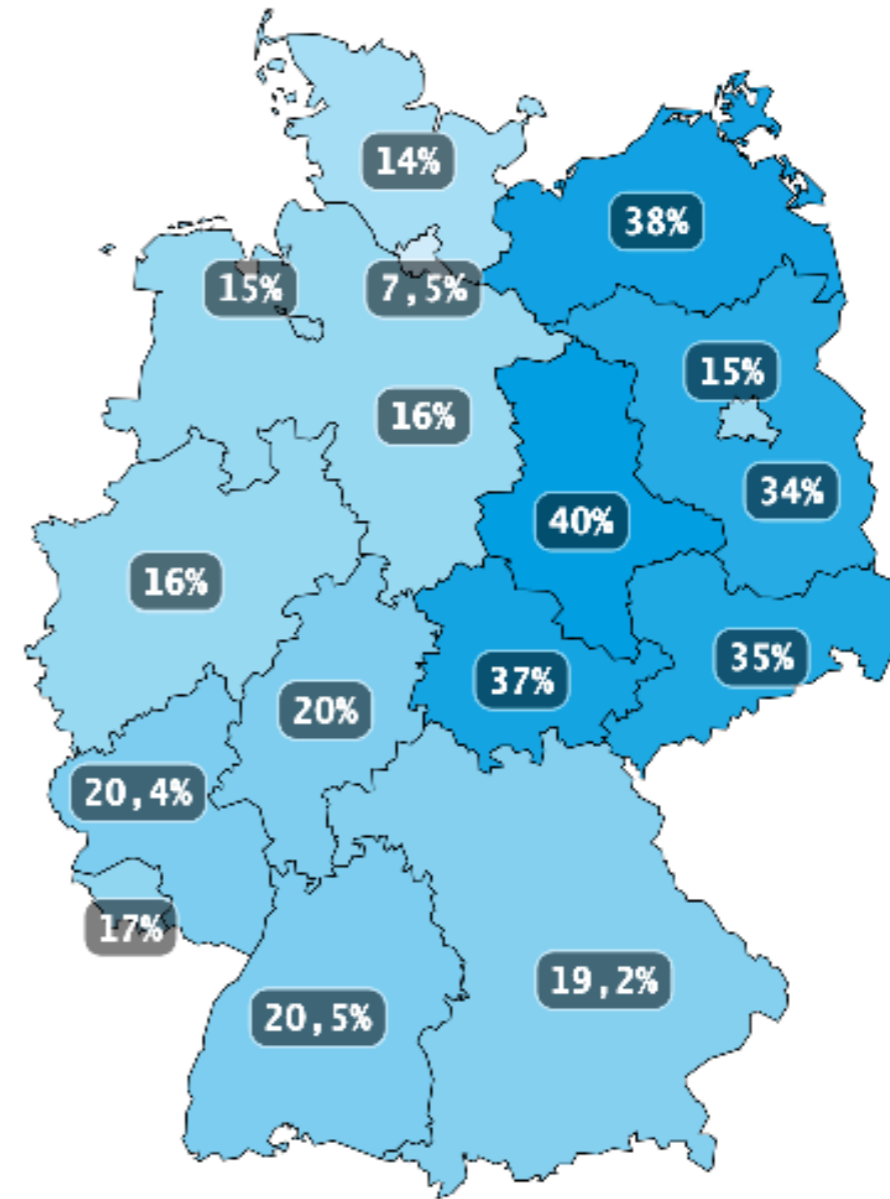
- sustainable spatial development
- harmonization of social, economic and ecological functions
- durable, fundamentally balanced spatial order
- equal valued living contexts

# Voting results

Green party (Bündnis 90/Die Grünen)



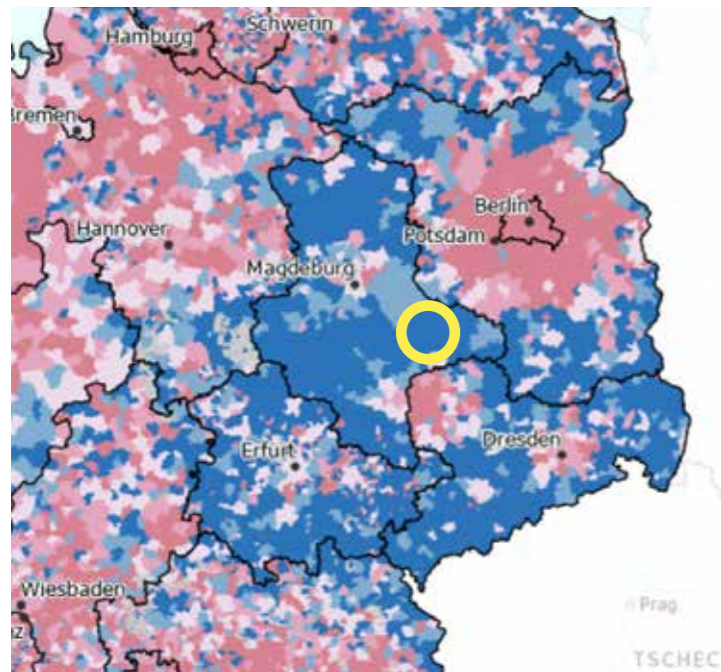
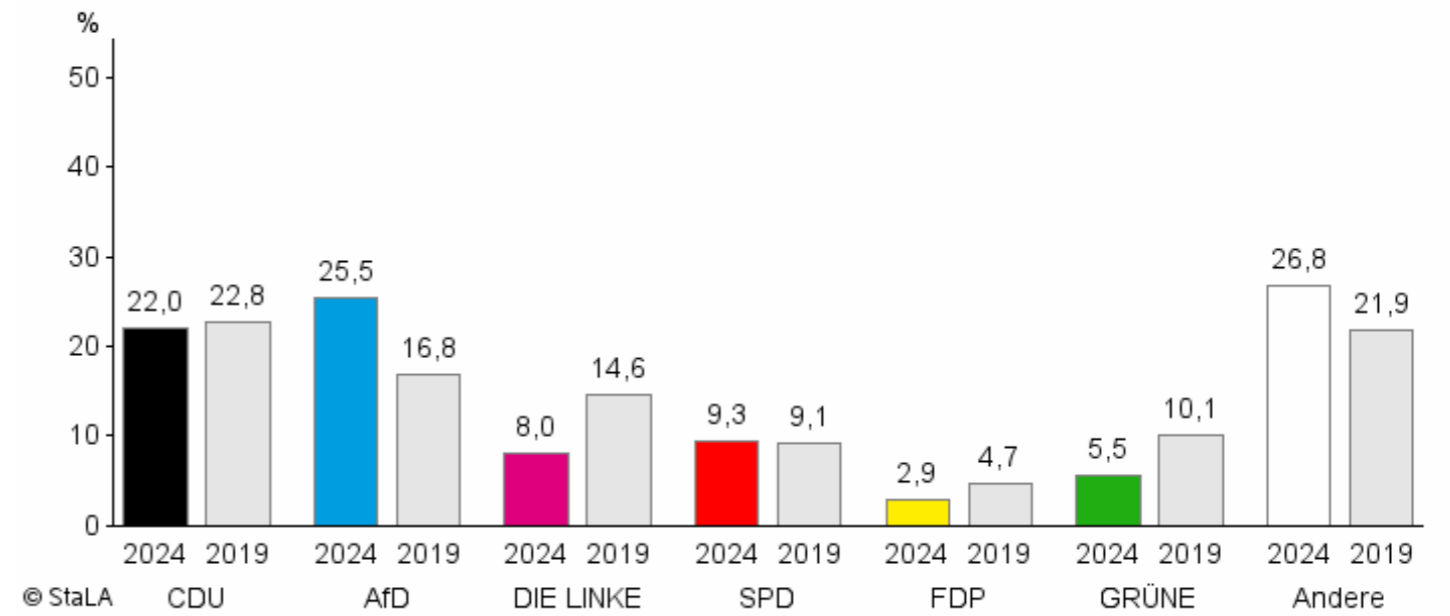
Right-wing party (AfD)



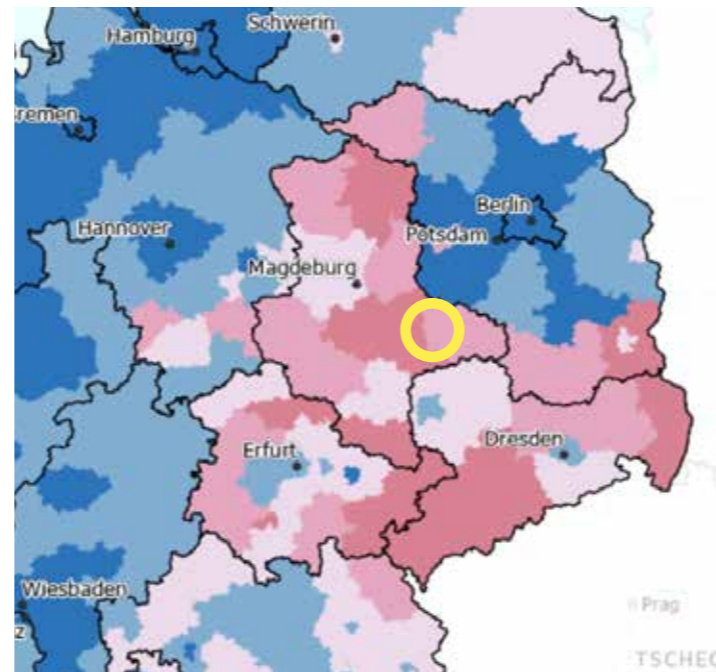
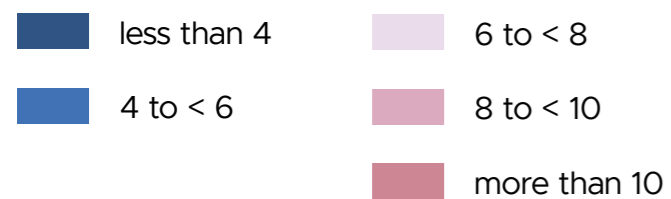
favouring sustainability transitions

opposing sustainability transitions

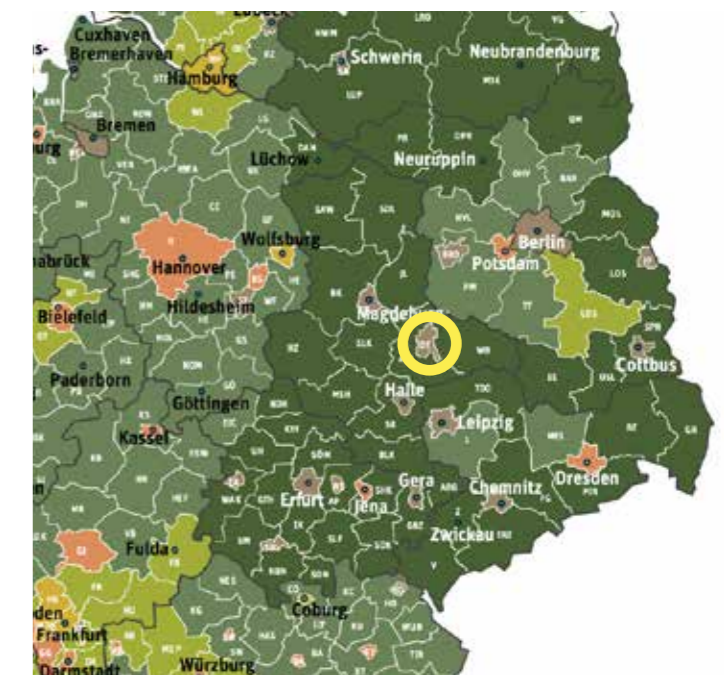
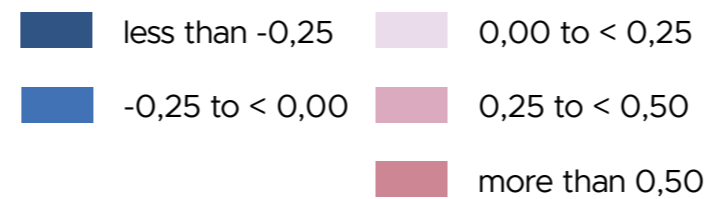
# Dessau as a case study



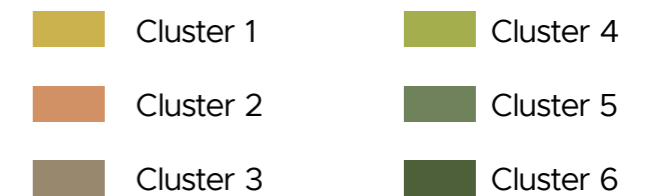
**Fraction of empty housing units of total housing units in %**



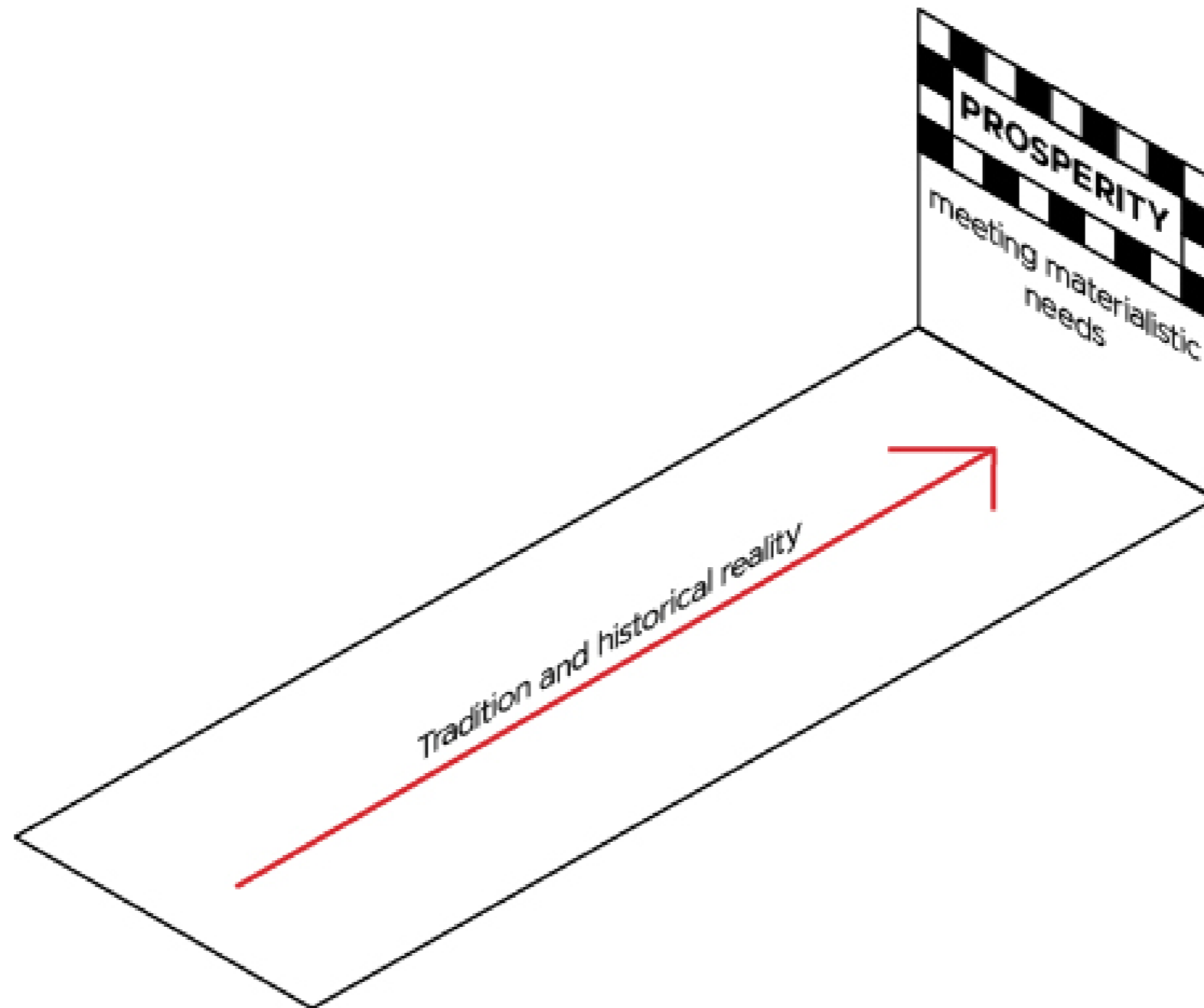
**Average population development per year in %**

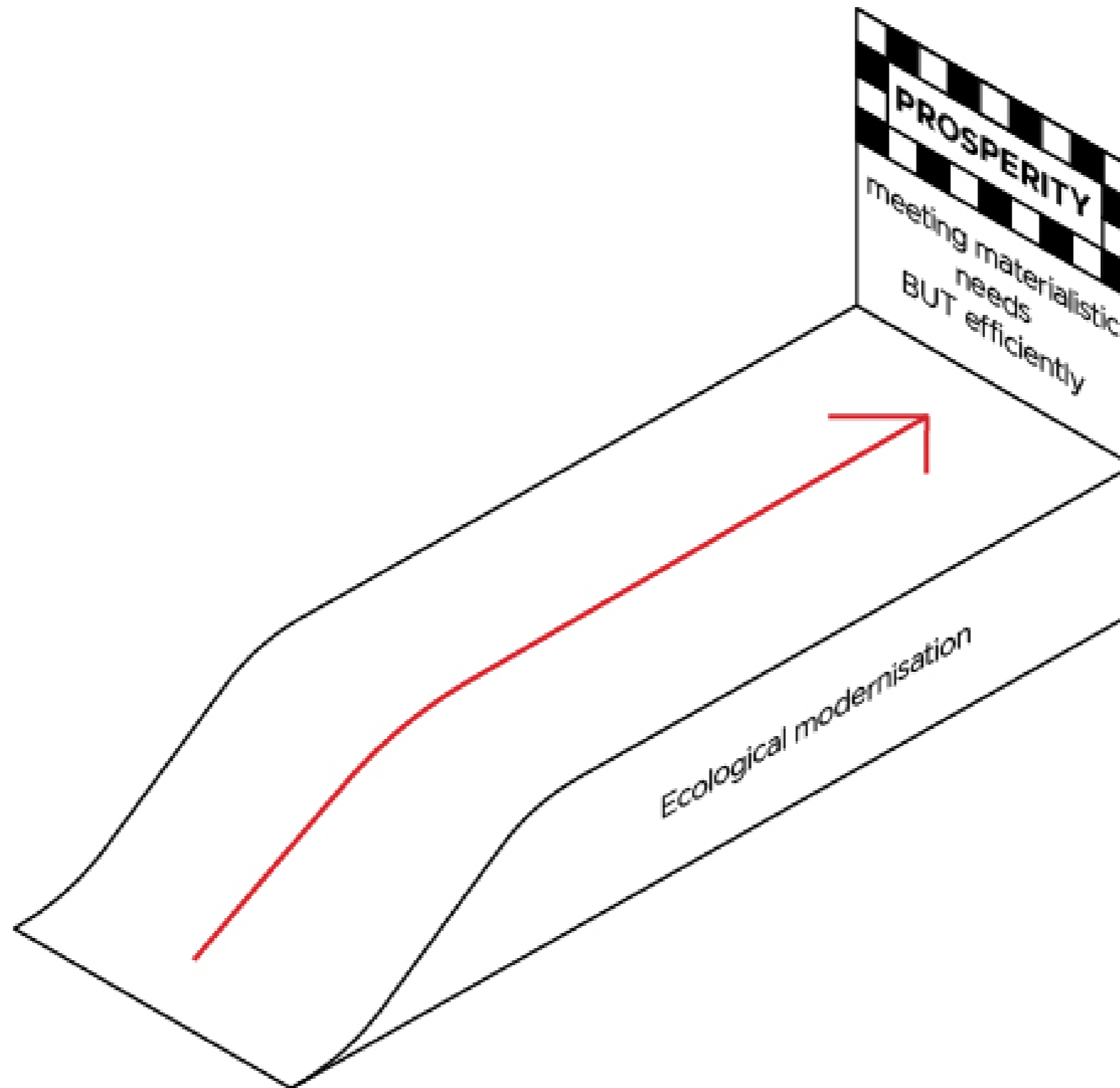


**Clusters of societal access (1-3: urban, 4-6: rural)**

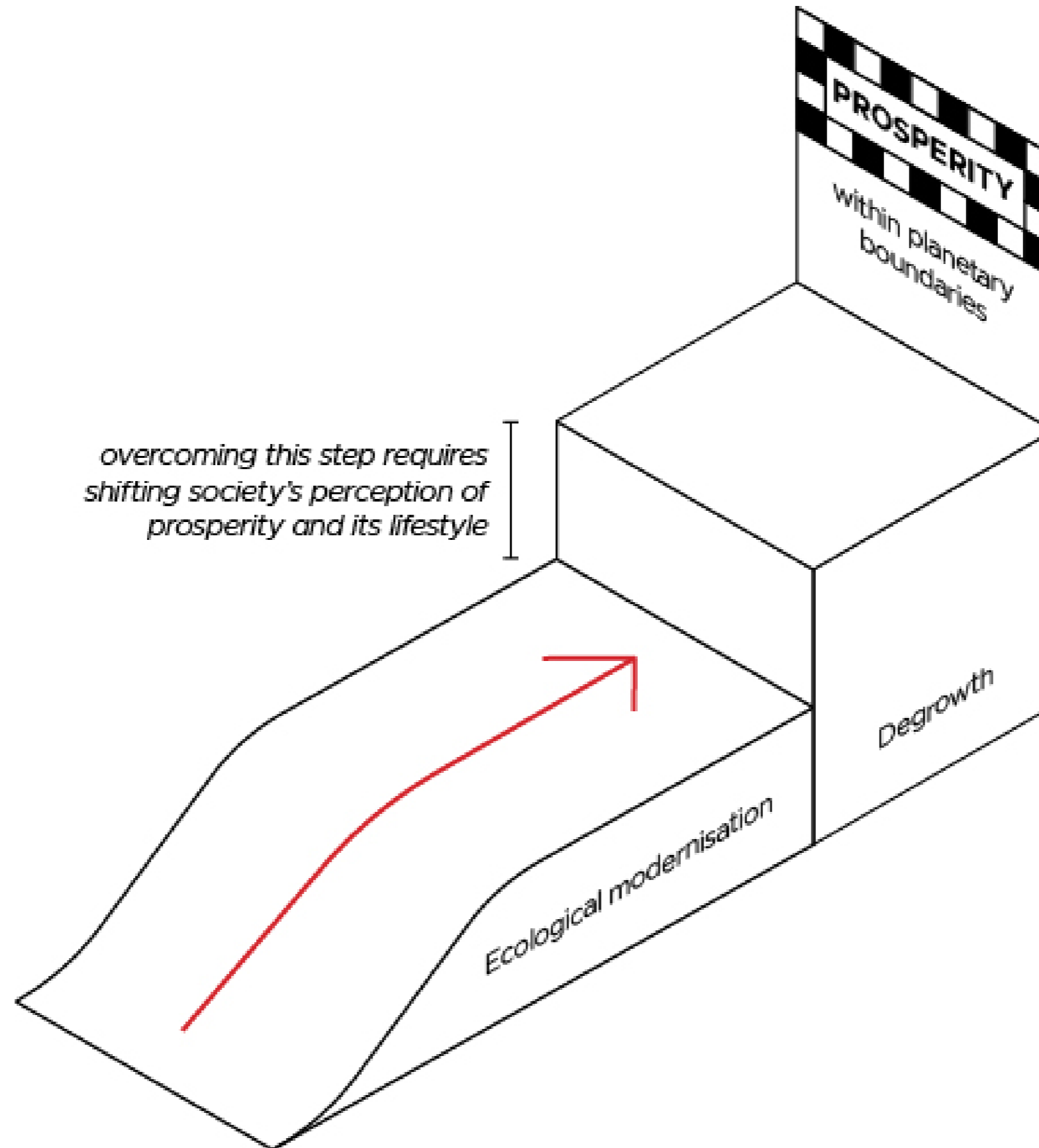


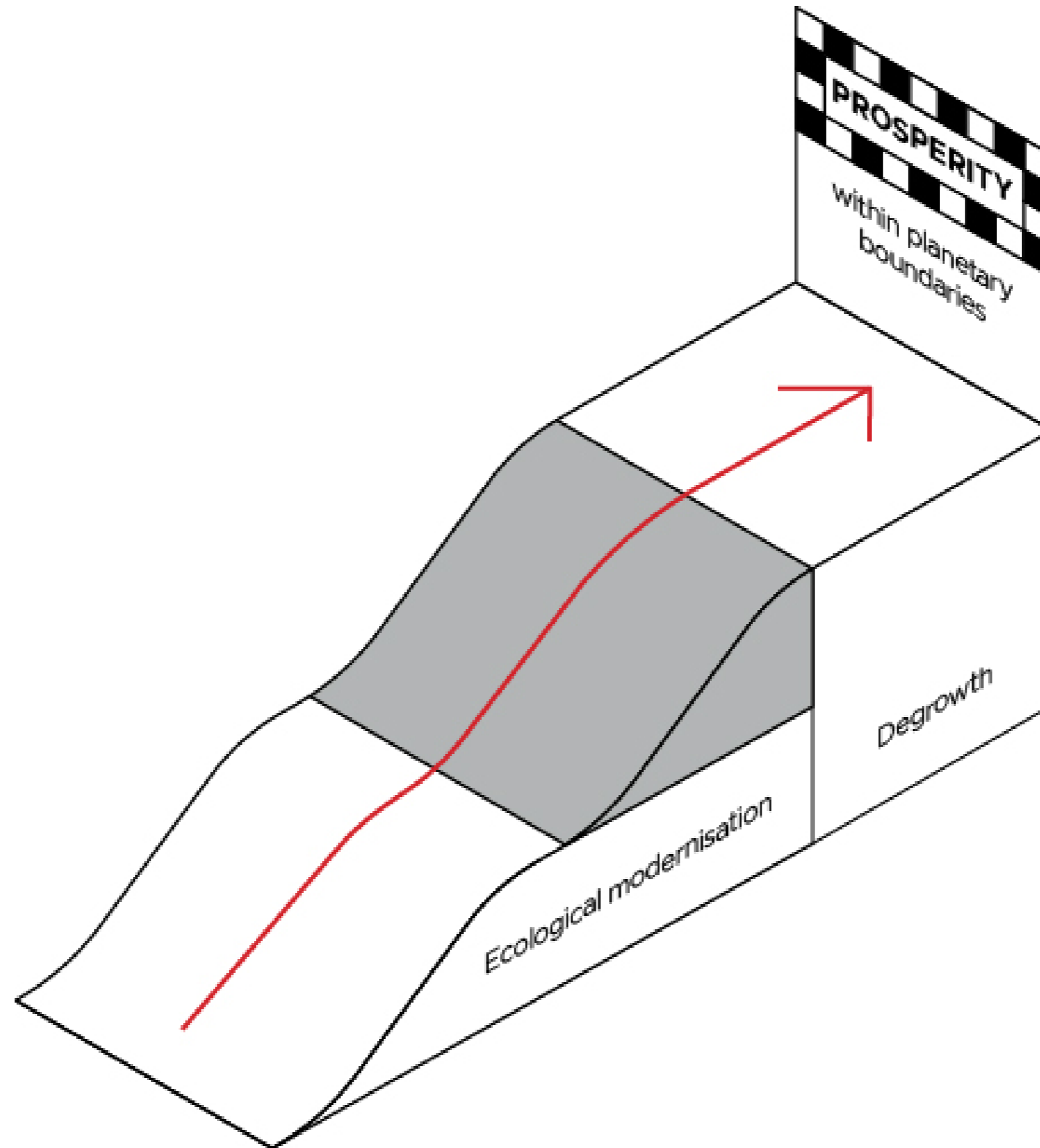
# Research Design





## Building legitimacy





## Research Question

In order to answer this question it is necessary to answer parts of it first.

### **1.1 What is satiation and why should it be the core driver of sustainability transitions?**

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**2.1 What is the German case of sustainability transition and satiation?**

**2.2 What can be a spatial approach to tackle the issues around introducing satiation as a core driver of the German sustainability transition?**

**2.3 What changes of urban spatial elements in Dessau can support the feasible introduction of satiation?**

**Why is satiation a good driver for sustainability transitions and what changes of urban spatial elements are associated to feasibly introducing it in Germany?**

In order to answer this question it is necessary to answer parts of it first.

**1.1 What is satiation and why should it be the core driver of sustainability transitions?**

**1.2 What is feasibility in the context of satiation and substantial societal transitions?**

**1.3 How can satiation be feasibly introduced?**

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**2.3 What changes of urban spatial elements in Dessau can support the feasible introduction of satiation?**

# Building the theory

**1.1      What is satiation and why  
should it be the core driver of sus-  
tainability transitions?**

Satiation (Pettini & Musikanski)

Administration

Economic Model

Utility

Preference

Homo Economicus

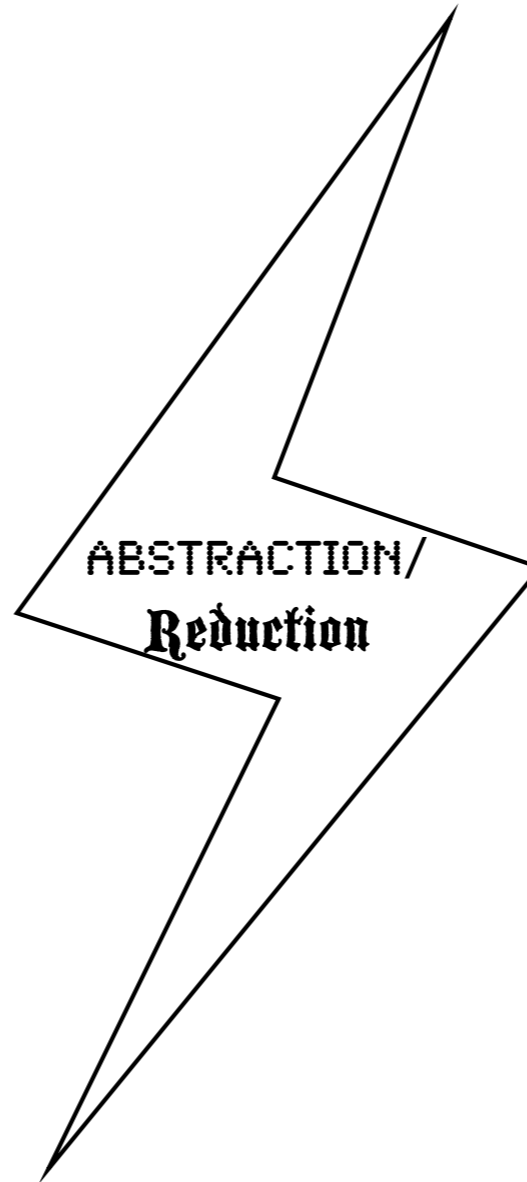
Democratic government

Volition through civil society

Satisfaction

Needs

Person



## Needs framework (Max-Neef)



## **Dynamics of satisfiers**

- Violating
- Inhibiting
- Pseudo-satisfying
- None
- Synergistic

## Dynamics of satisfiers

- Violating
- Inhibiting
- Pseudo-satisfying
- None
- Synergistic

**1.2      What is feasibility in the context of satiation and substantial societal transitions?**



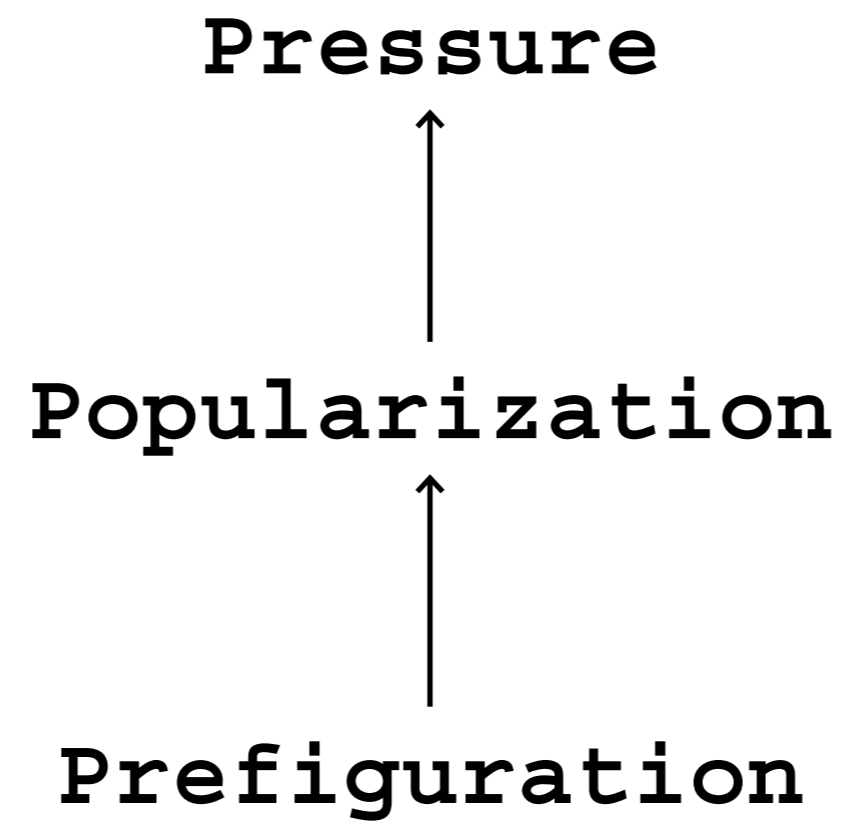


## Prefiguration

**Popularization**



**Prefiguration**



Criteria for practices for strategic degrowth prefiguration

Synergistic satisfying behaviour

Criteria for practices for strategic degrowth prefiguration

Synergistic satisfying behaviour

Outside of traditional market logic

Criteria for practices for strategic degrowth prefiguration

Synergistic satisfying behaviour

Outside of traditional market logic

Bottom-up in nature

Criteria for practices for strategic degrowth prefiguration

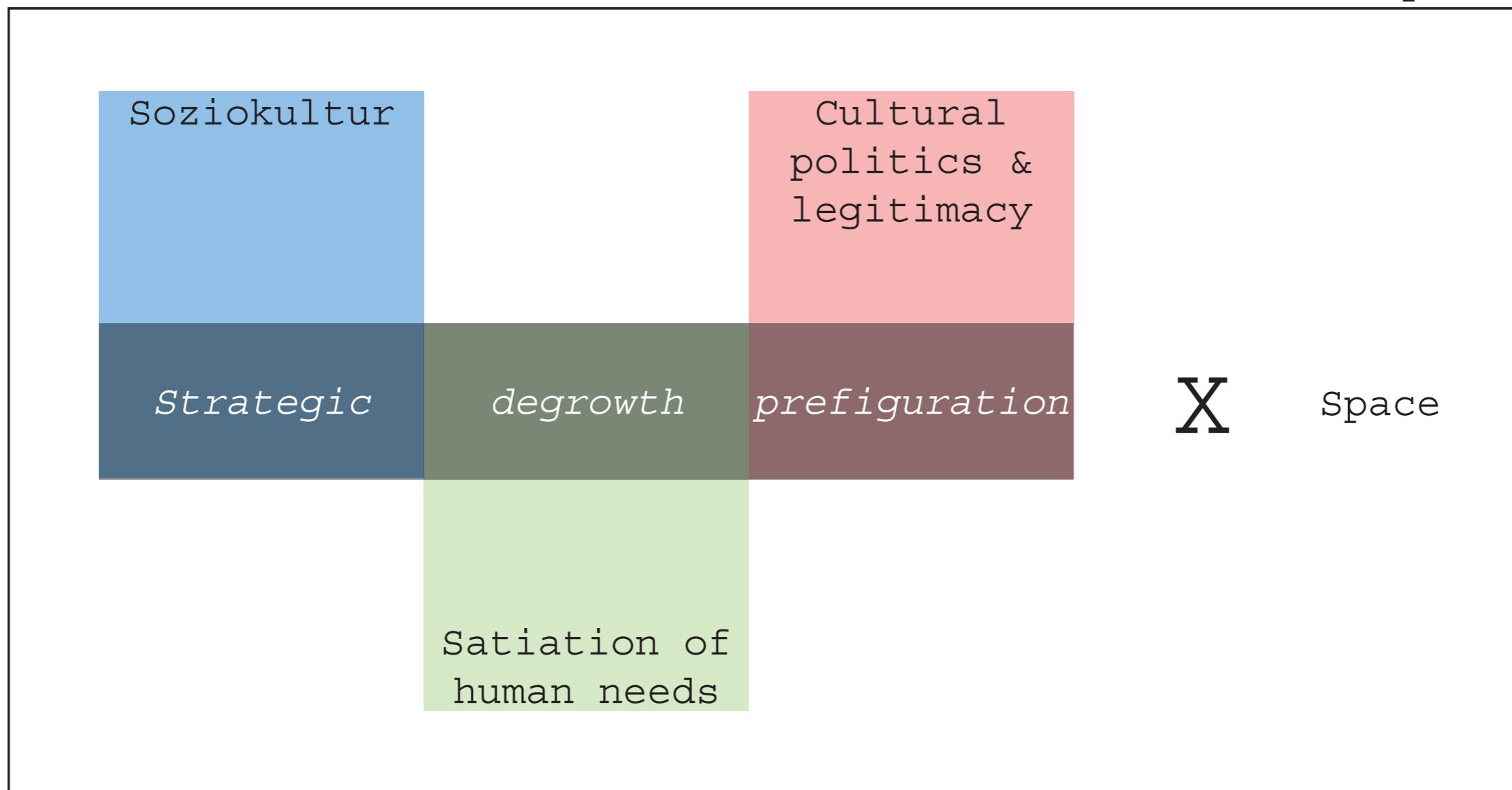
Synergistic satisfying behaviour  
Outside of traditional market logic  
Bottom-up in nature  
Integrative mode of operation

Criteria for practices for strategic degrowth prefiguration

Synergistic satisfying behaviour  
Outside of traditional market logic  
Bottom-up in nature  
Integrative mode of operation  
Networking

# Conceptual framework

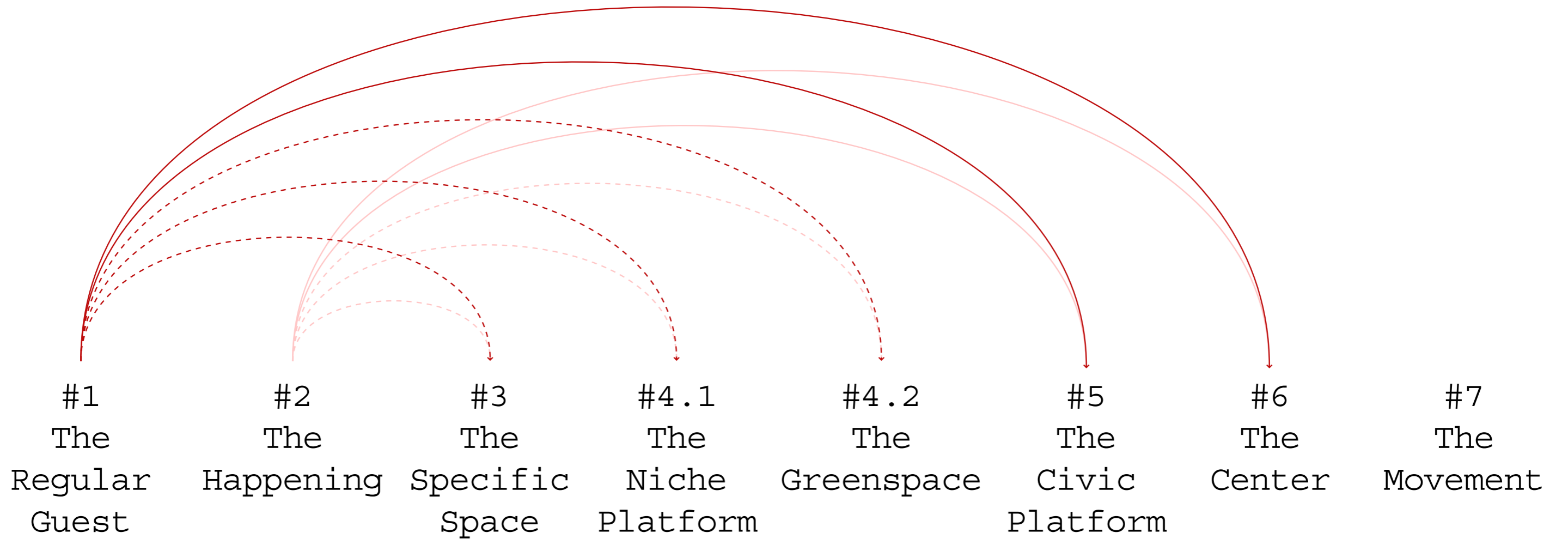
Sustainable development



# Spatializing the theory

**2.2      What can be a spatial approach to tackle the issues around introducing satiation as a core driver of the German sustainability transition?**

# Spatial types for strategic degrowth prefiguration



these are places

Due to the more specific focus they can host some type 1/2 but are not fit for most

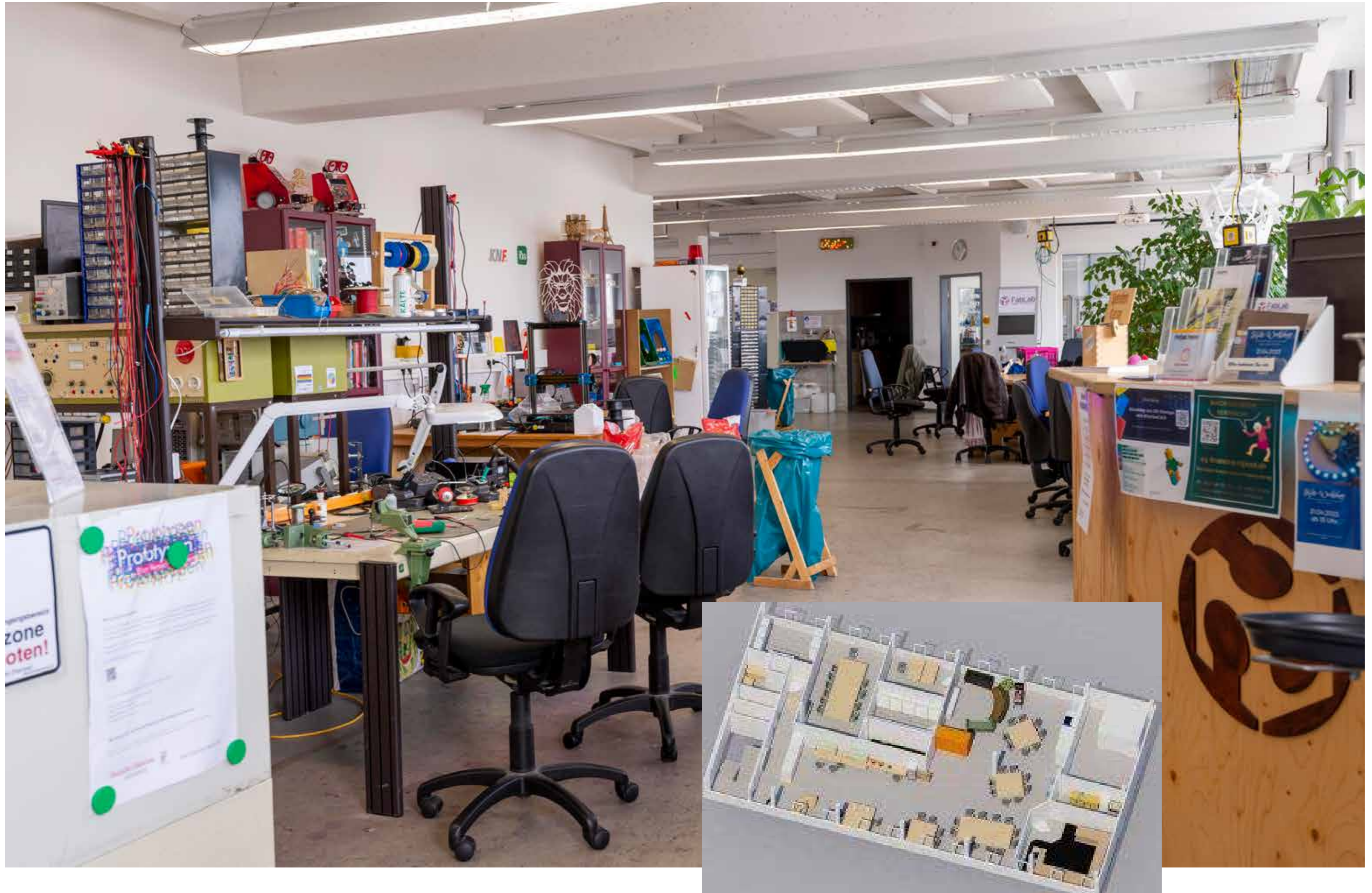
Due to the less specific focus they can host most type 1/2 but lack specificity needed for some

scale

### #3 The Specific Space



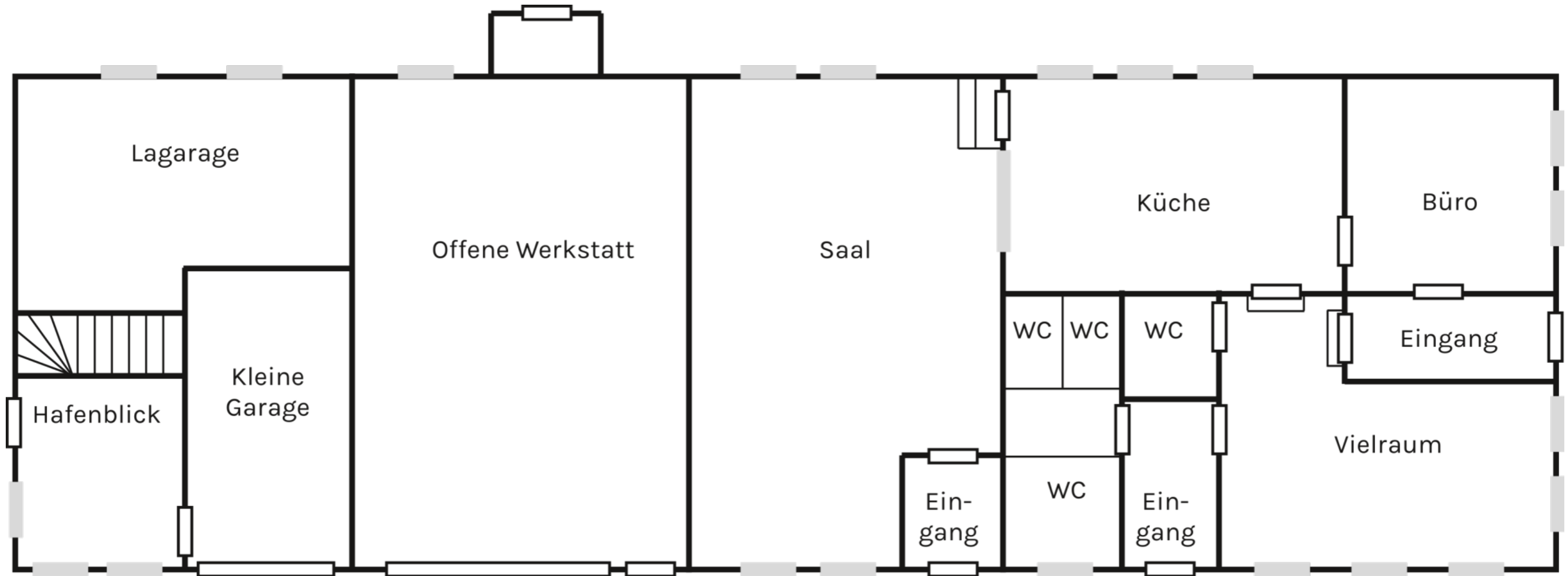
## #4.1 The Niche Platform



## #4.2 The Greenspace



# #5 The Civic Platform



#6 The Center



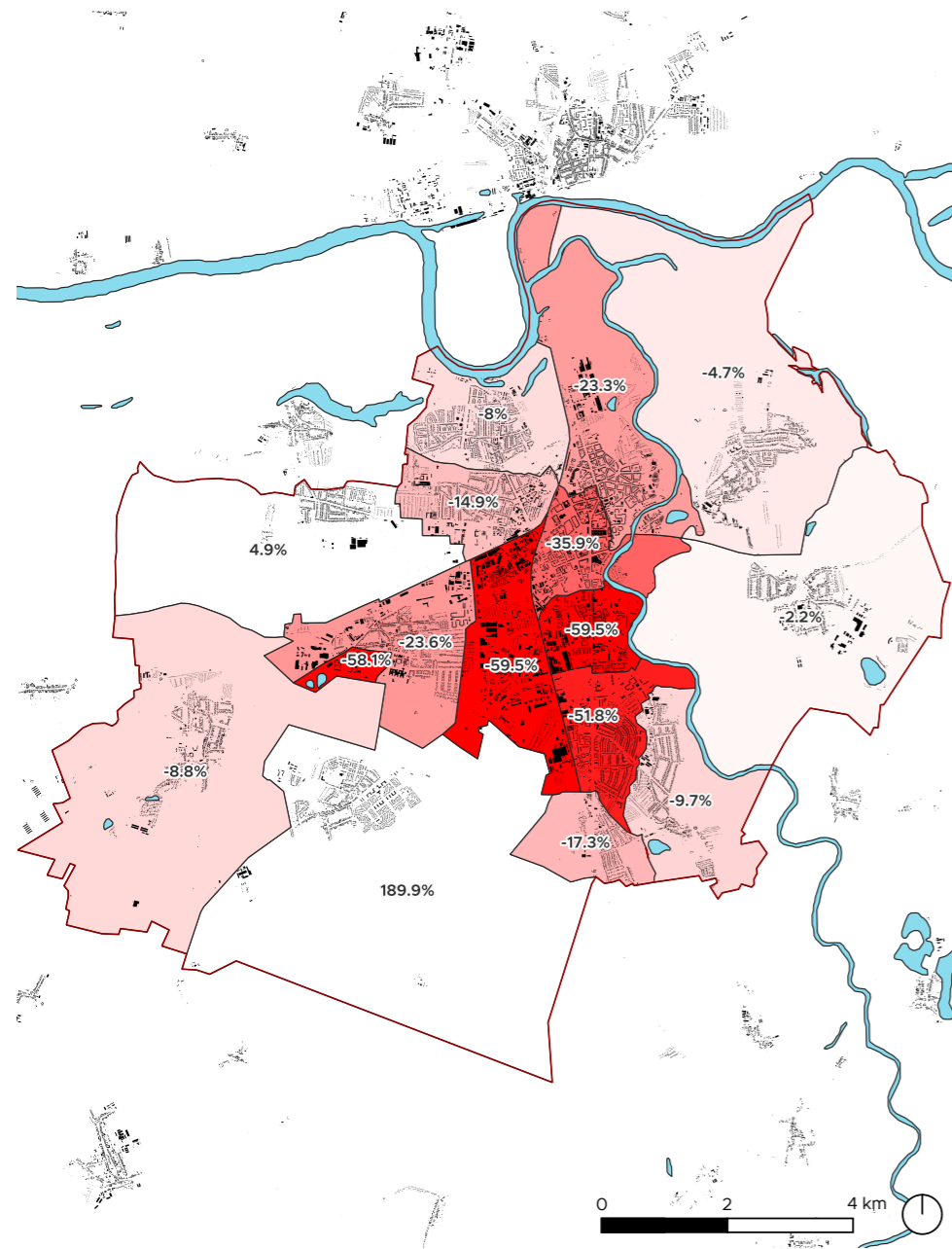
# Research by Design

**2.3      What changes of urban spatial elements in Dessau can support the feasible introduction of satiation?**

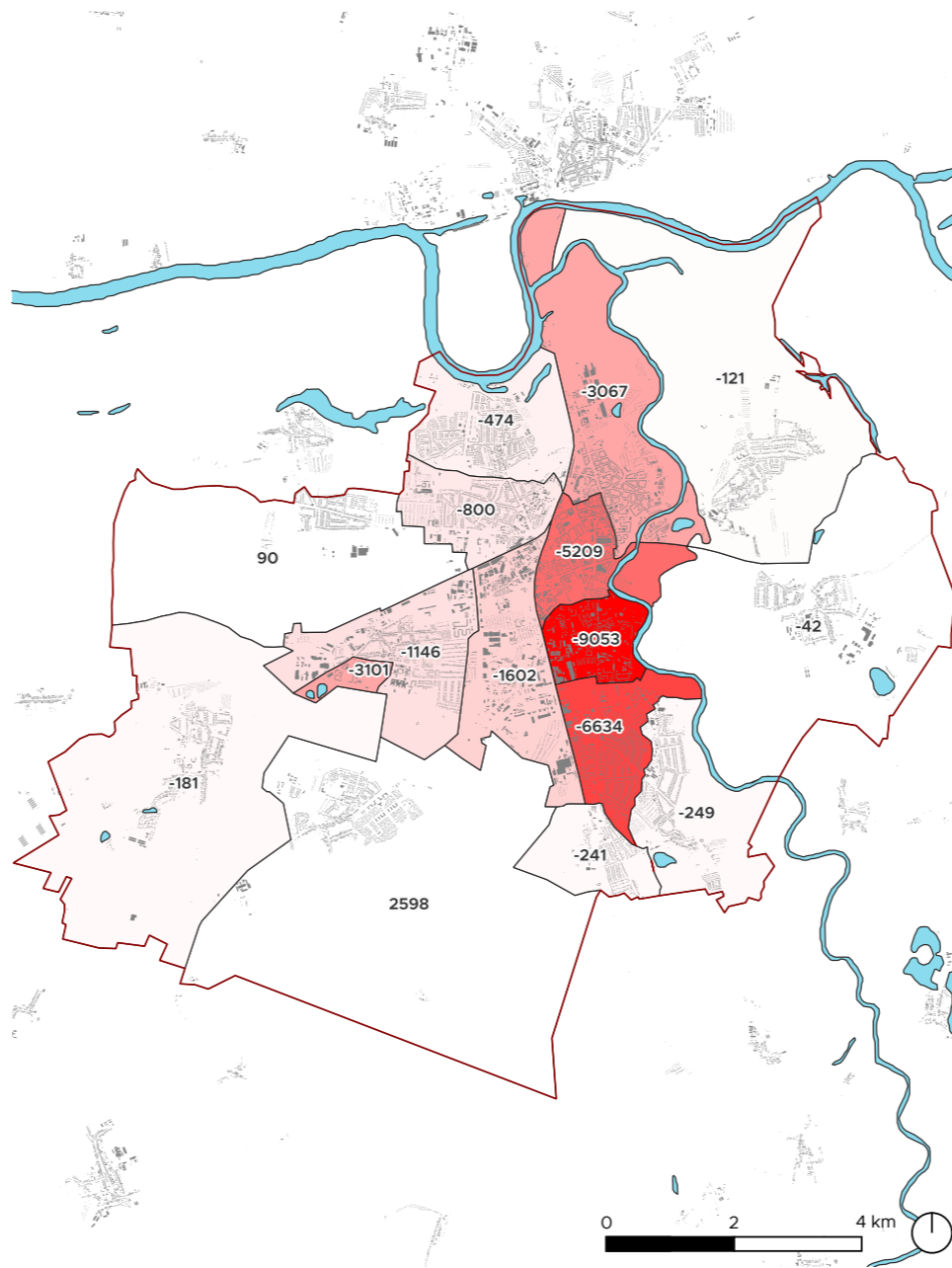
# Choice of design area

Inhabitants moving out of the districts  
between 1991 and 2025 in...

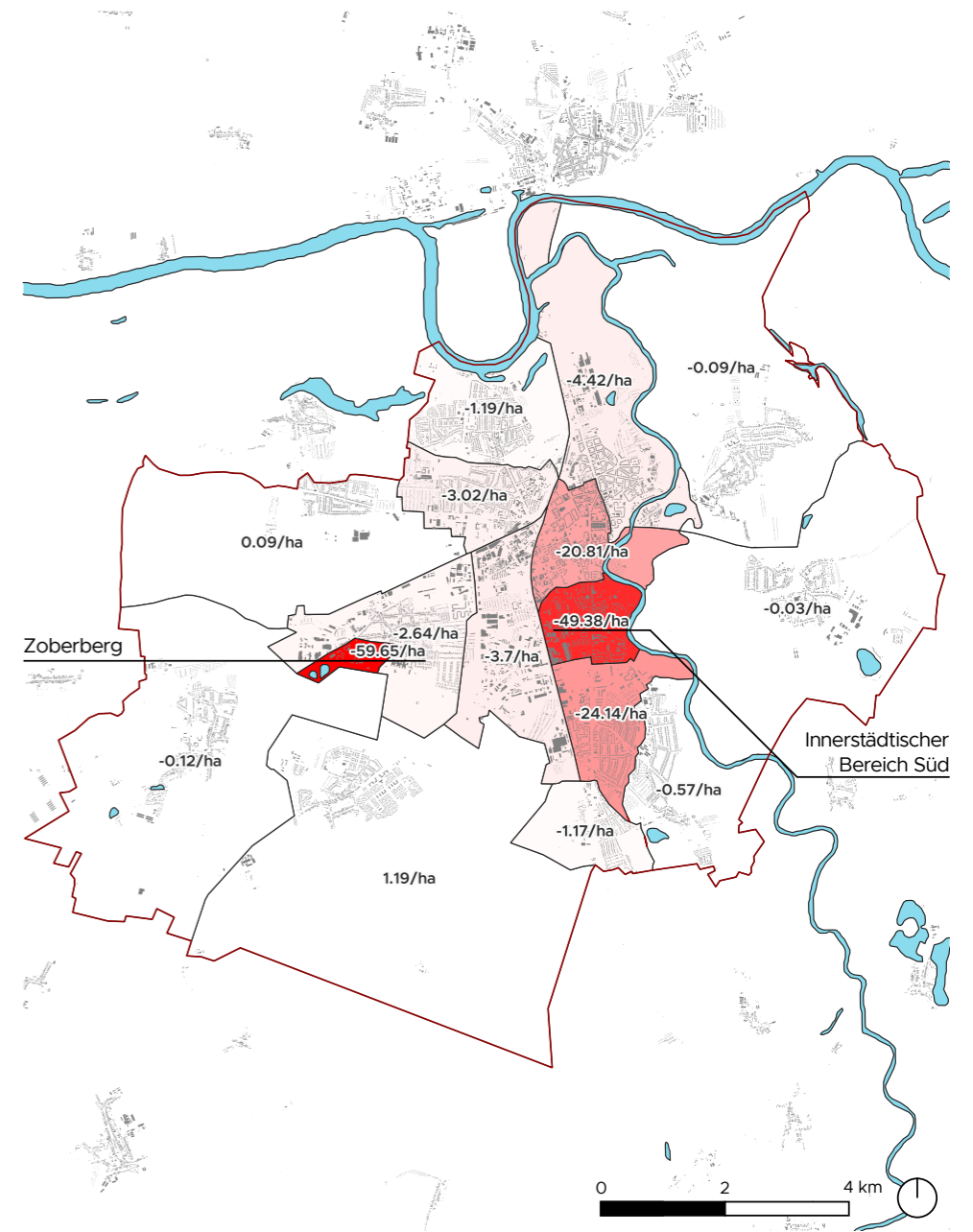
...percentage of original residents



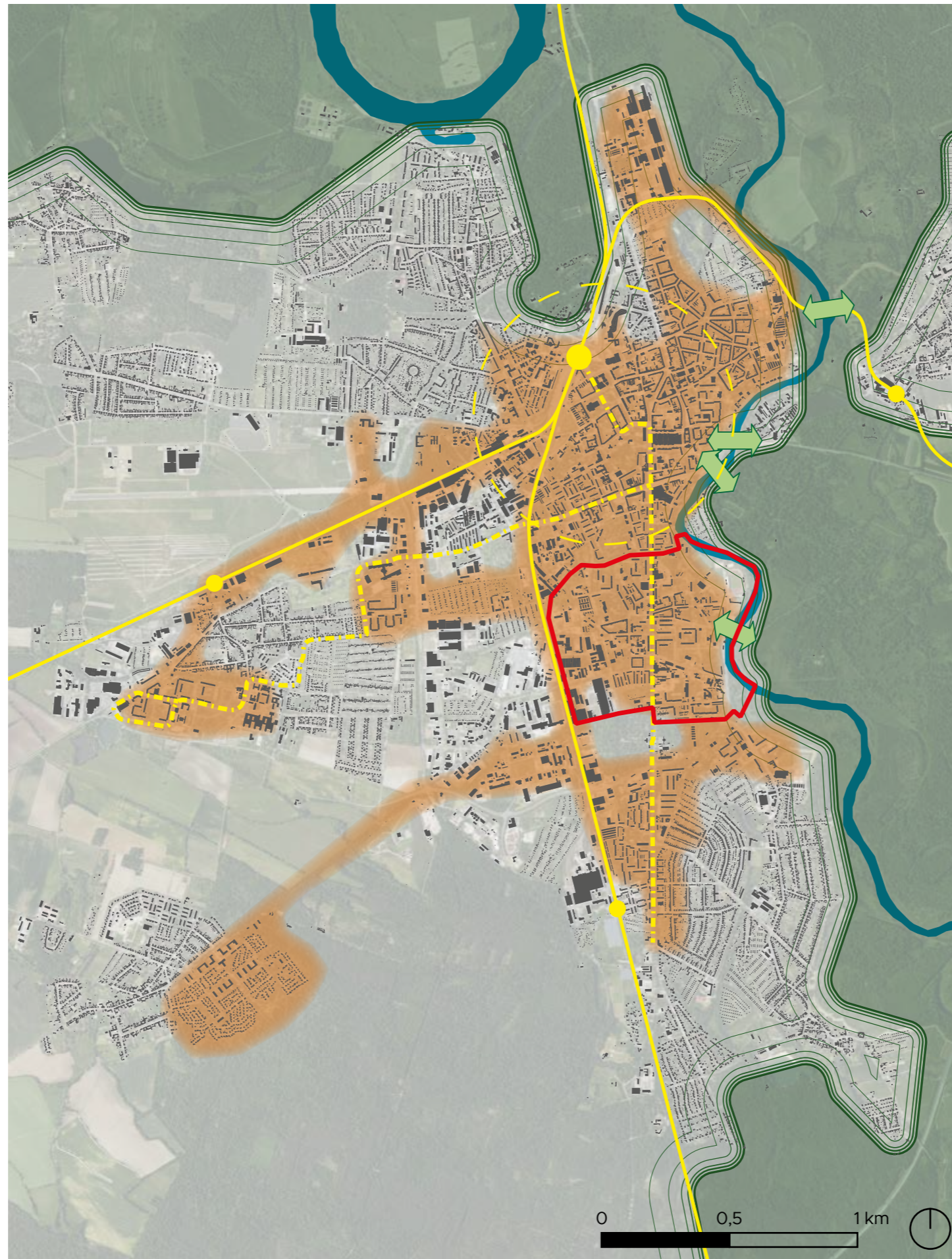
...number of people












... inhabitants per hectare (ha)



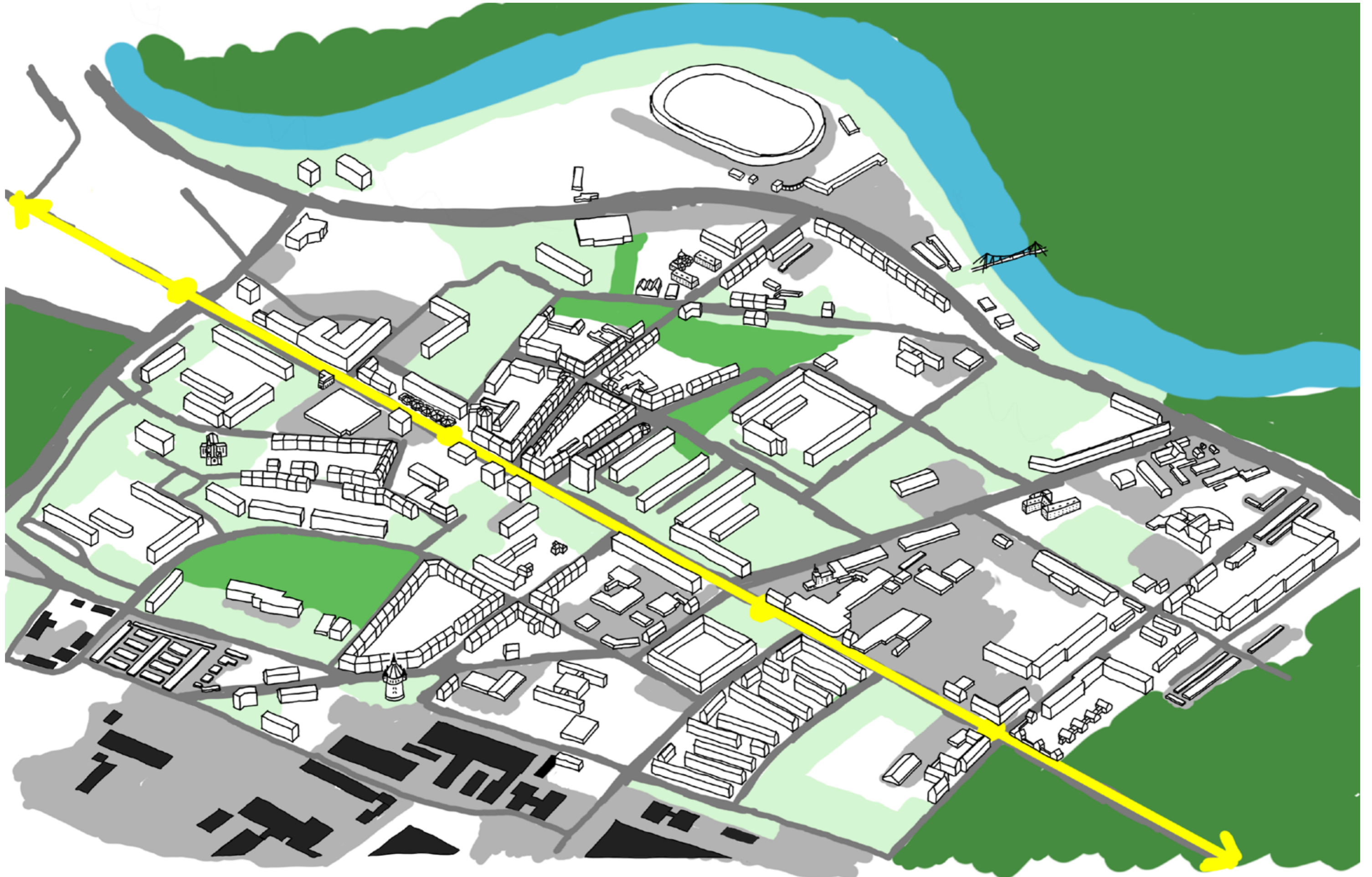
Choice of design area: Innerstädtischer Bereich Süd (IBS)



**Legend**

-  District heating
-  City center
-  Railway
-  Tram line
-  Station
-  Pedestrian bridge
-  UNESCO world heritage site  
Gartenreich Dessau-Wörlitz
-  Main waterway
-  Focus area

Choice of design area: Innerstädtischer Bereich Süd



# Housing



# Housing



# Housing



Public space



Landscape



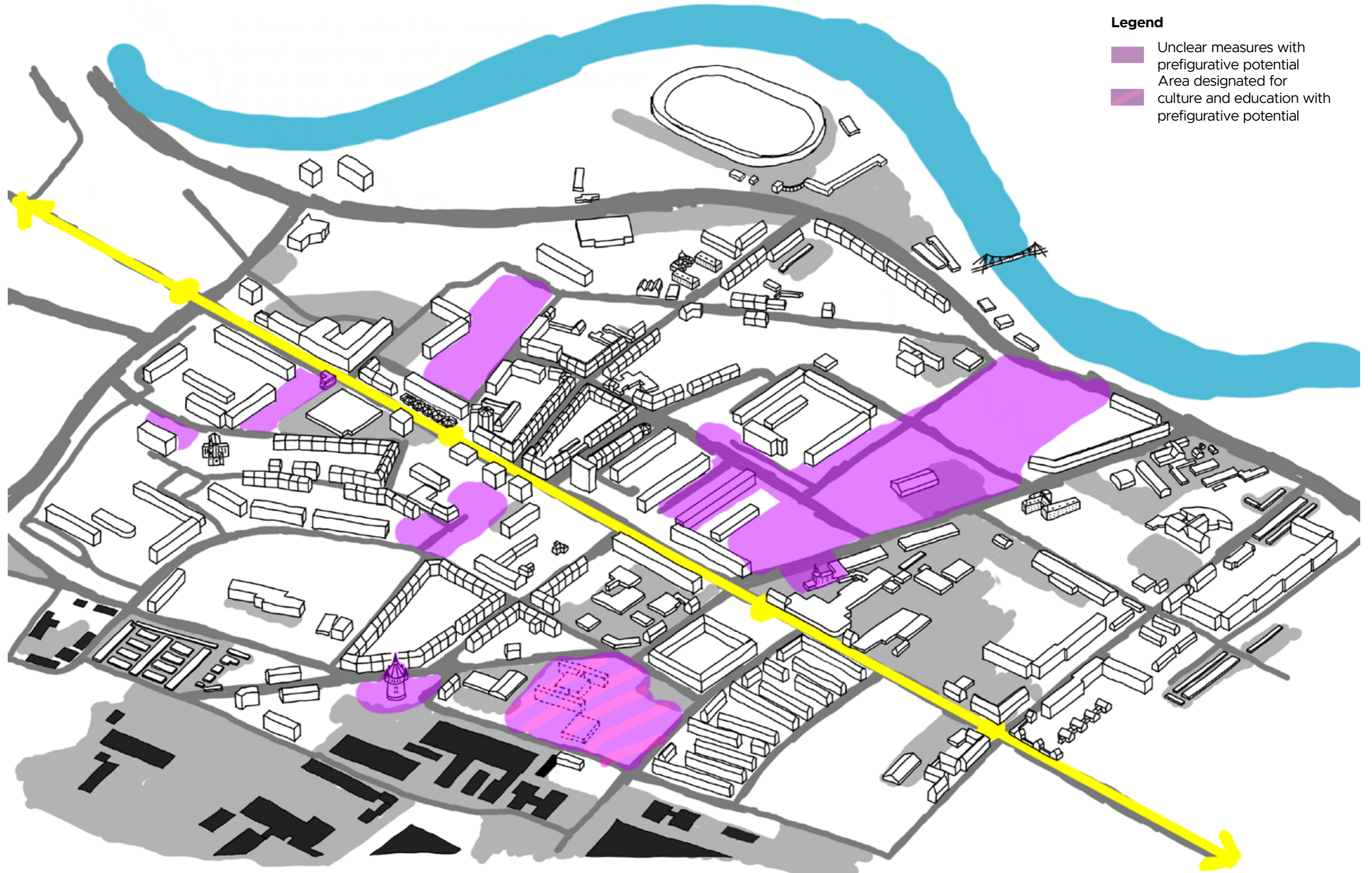
Fallow land



# Cultural amenities classified by types of strategic degrowth prefiguration



# Priority #0: Redirect already rolling balls



## Priority #1: Grow seeds



Give existing socio-cultural practices the chance to develop and/or expand by allocating adjacent public spaces to them.

1a



2a



3a



1b



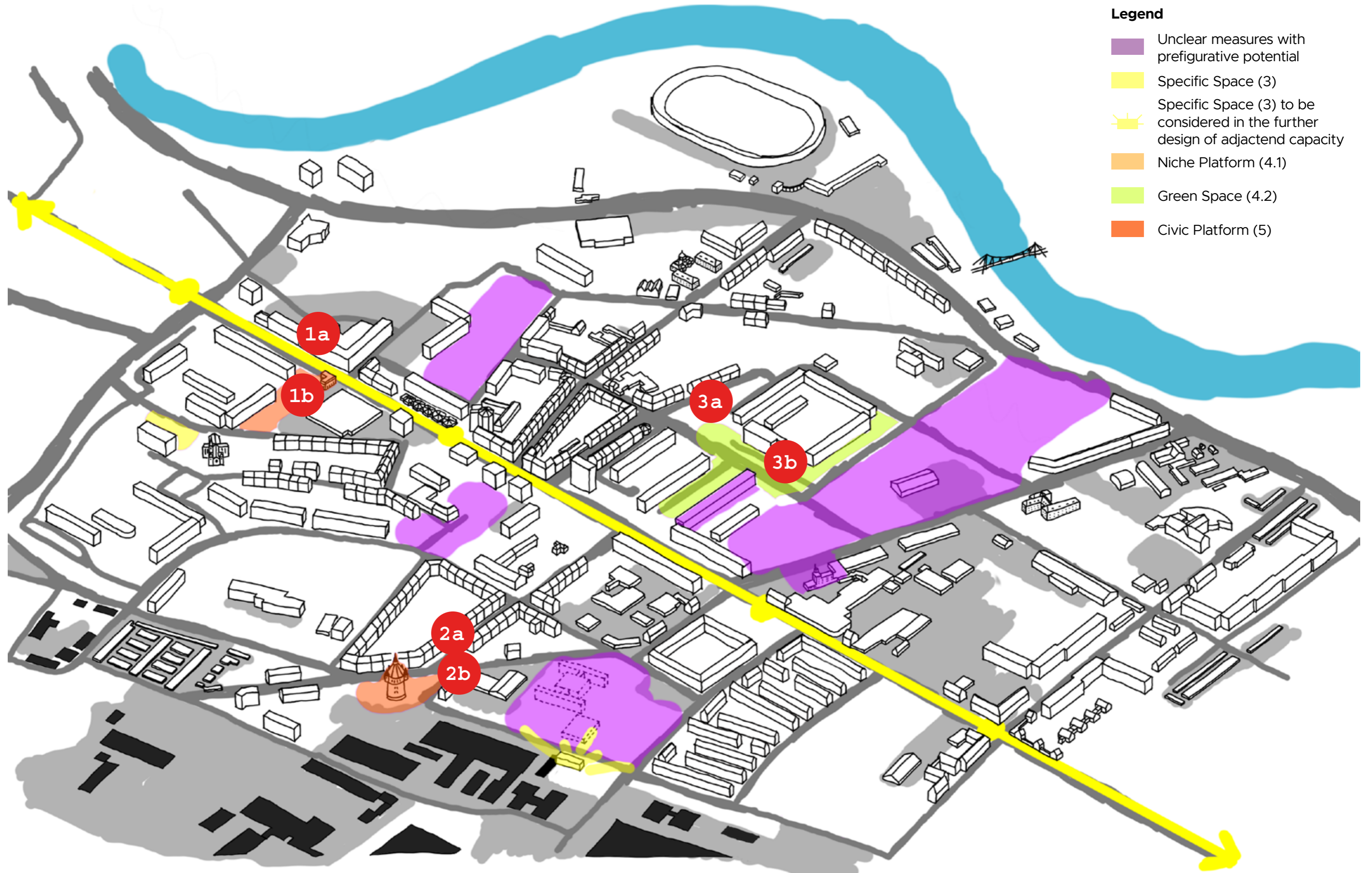
2b



3b



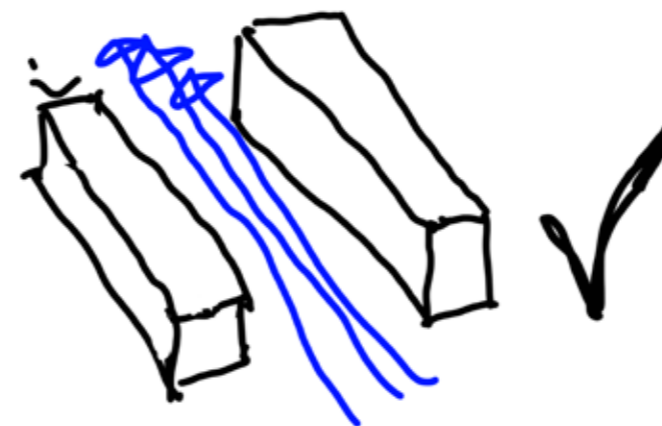
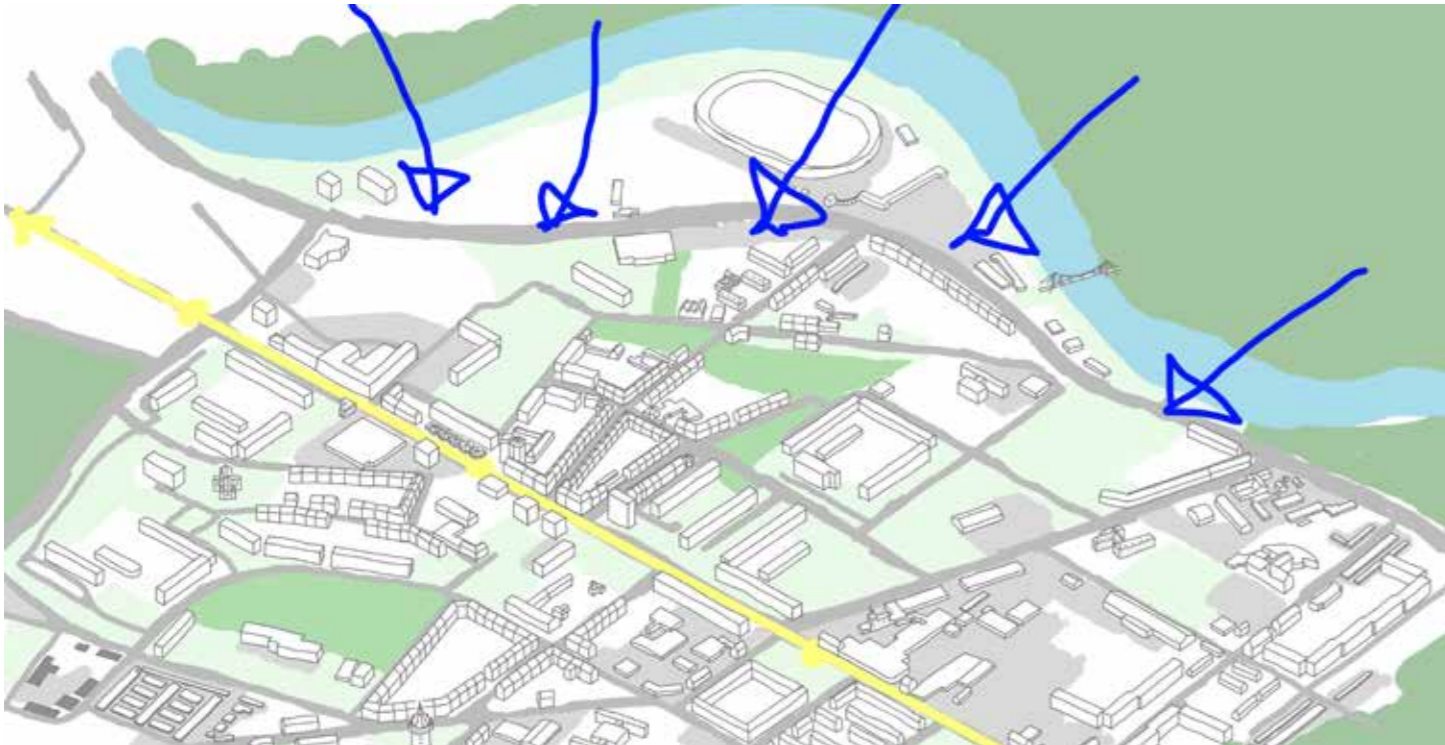
# Priority #1: Grow seeds



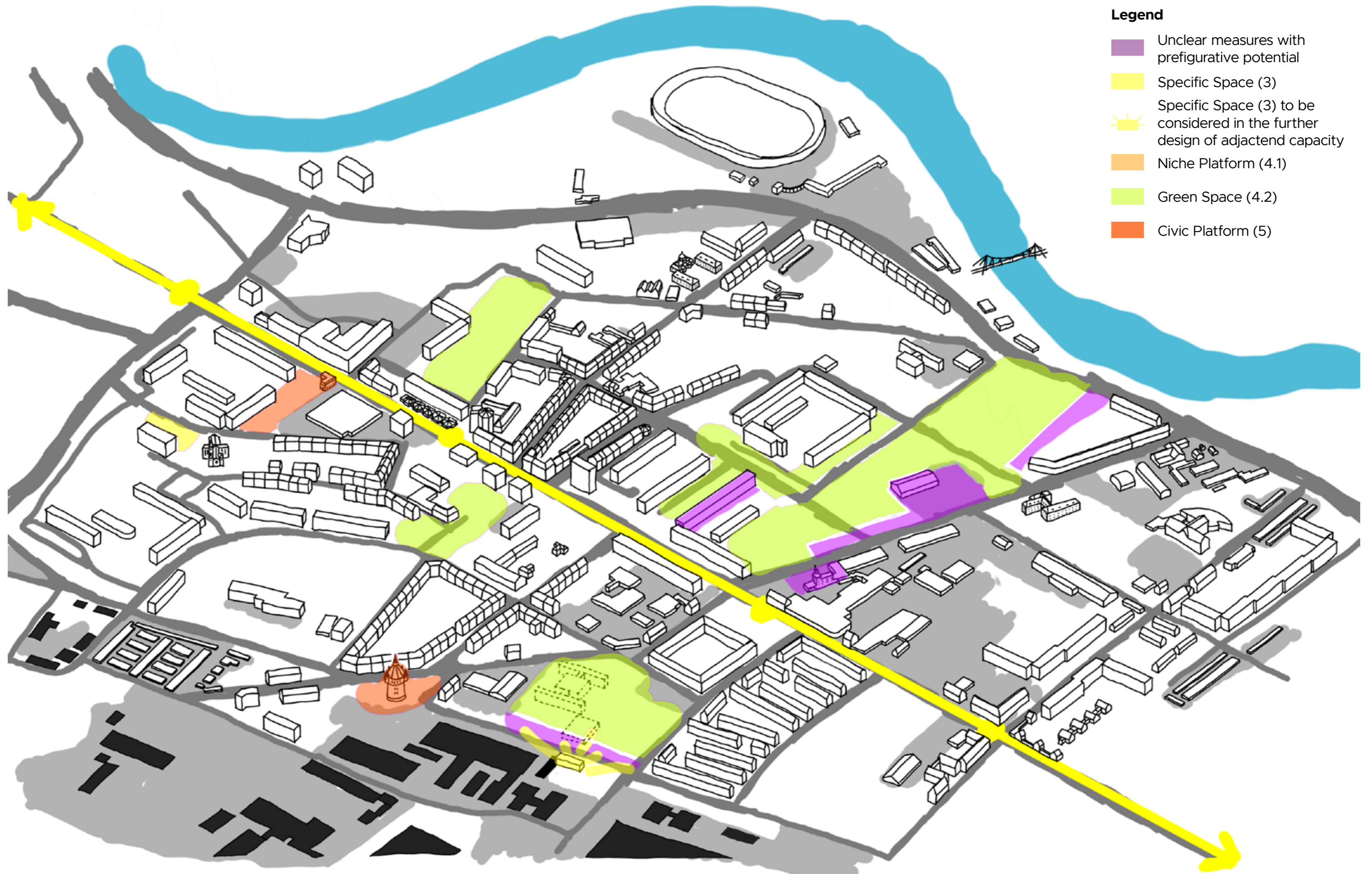
## Priority #2: Keep the microclimate in mind



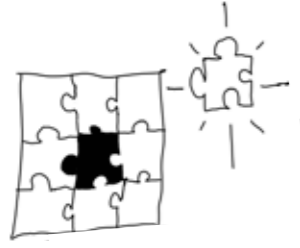
Take urban physics into account and prioritize climate adaptation.



## Priority #2: Keep the microclimate in mind

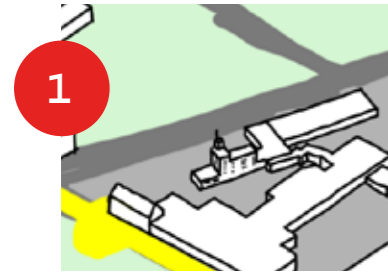


Priority #3: Match the types

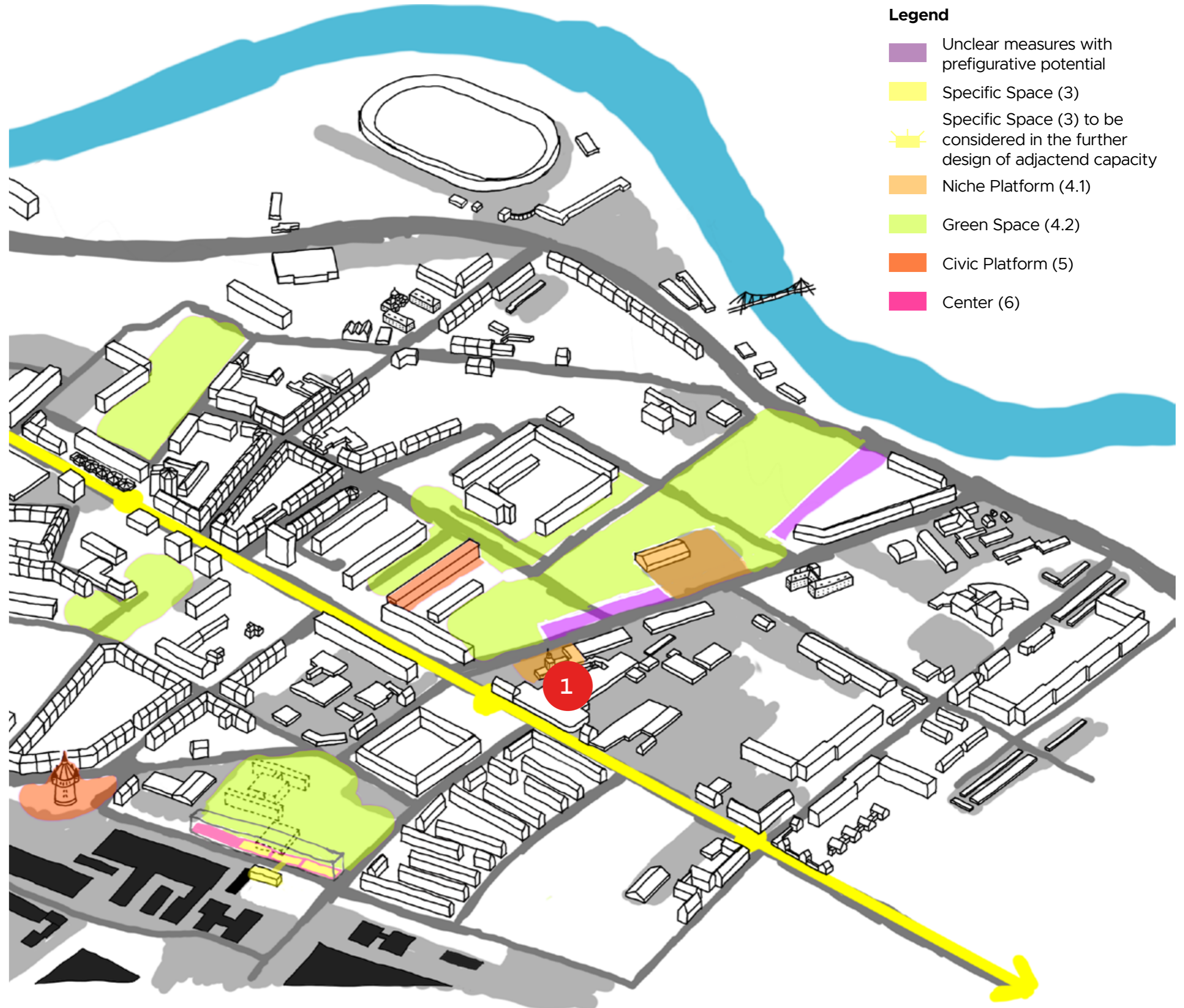


The capacity has to fit the type, and the type has to fit the puzzle.

### Priority #3: Match the types



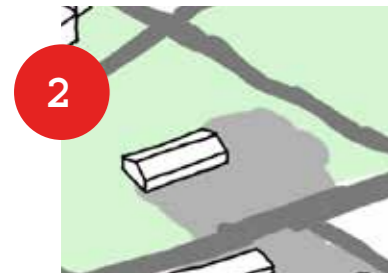
Old fire brigade



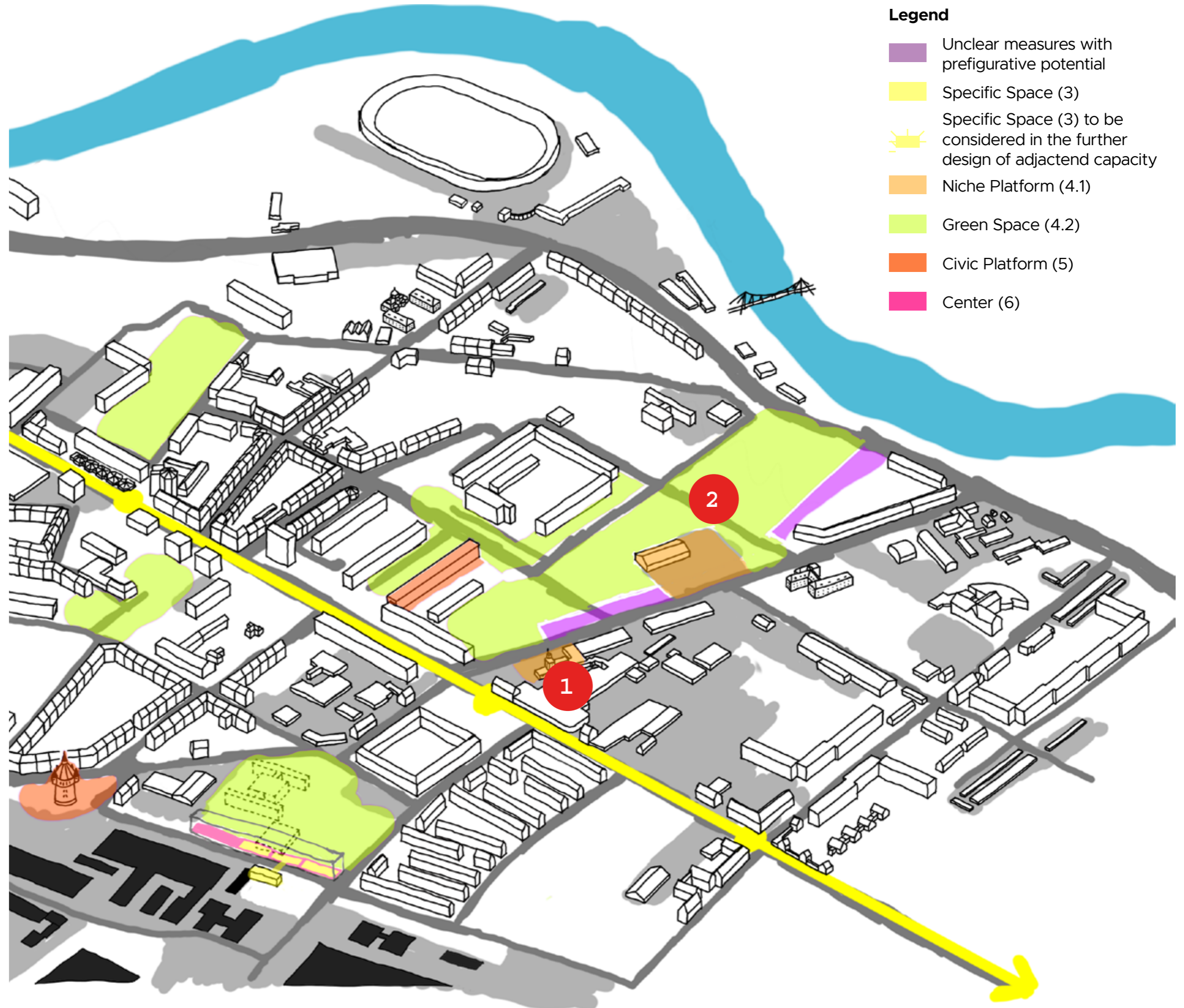
#### Legend

- Unclear measures with prefigurative potential
- Specific Space (3)
- Specific Space (3) to be considered in the further design of adjacent capacity
- Niche Platform (4.1)
- Green Space (4.2)
- Civic Platform (5)
- Center (6)

### Priority #3: Match the types



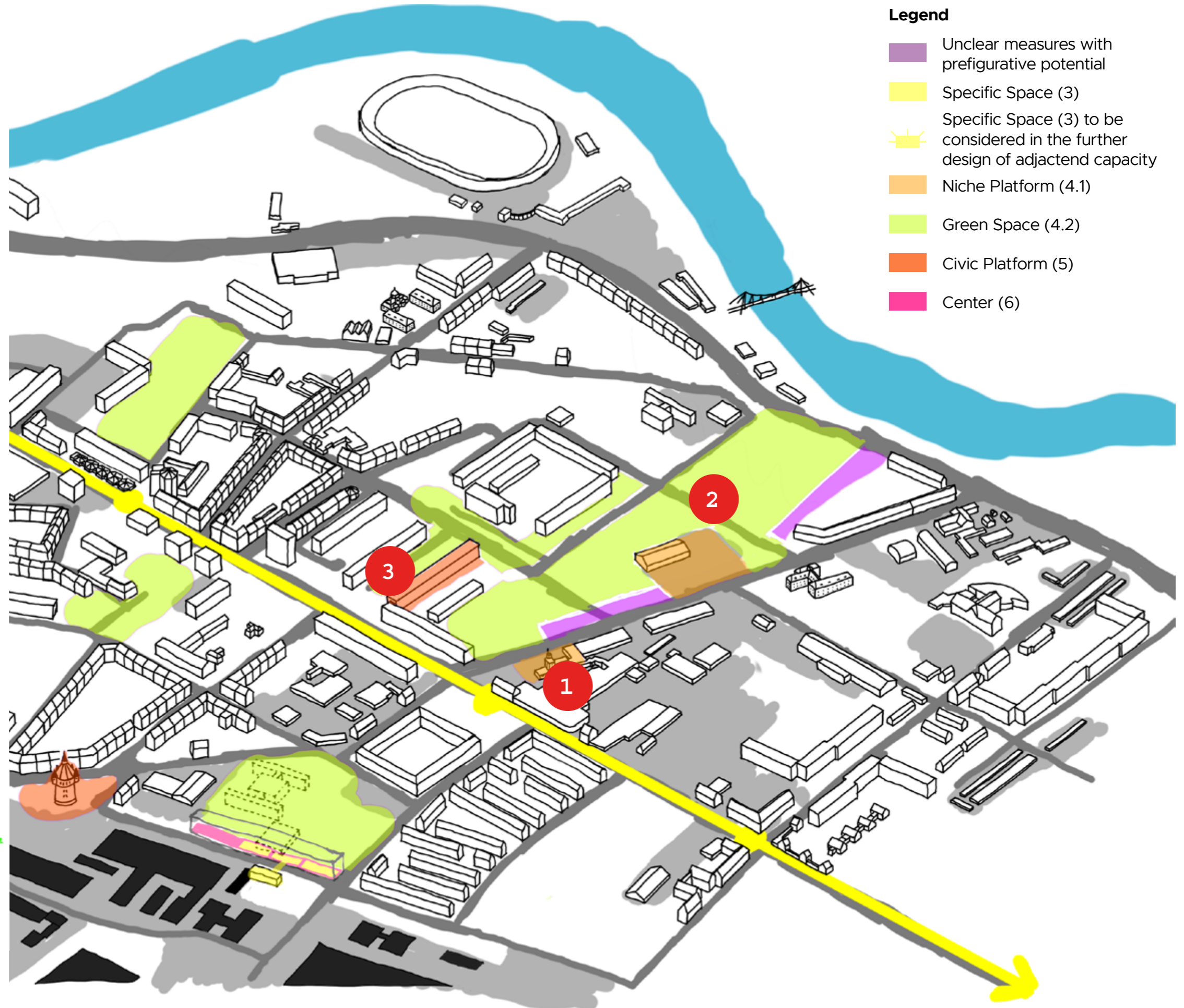
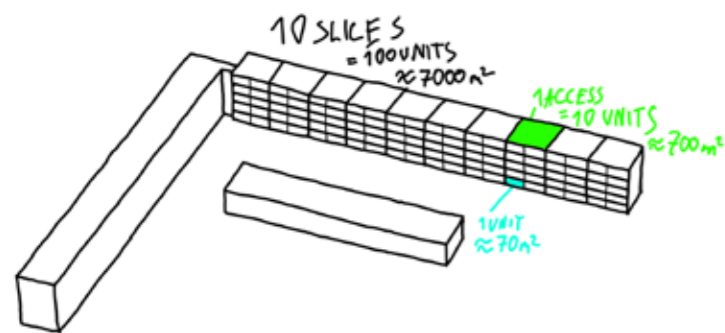
Supermarket



# Priority #3: Match the types



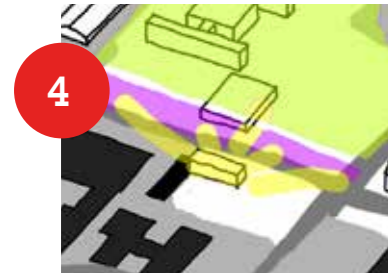
Vacant apartment building



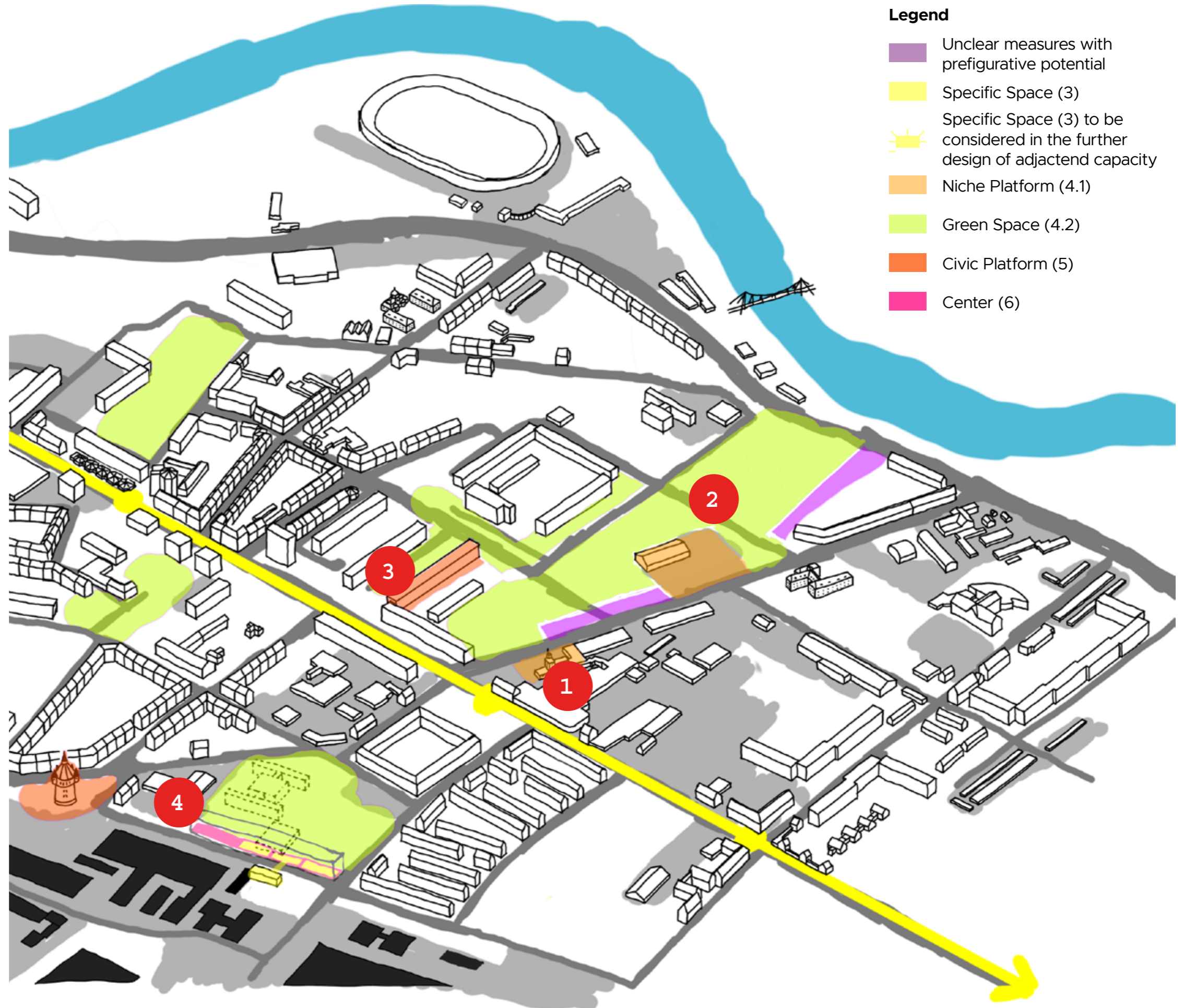
## Legend

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- Center (6)

### Priority #3: Match the types



Youth club area

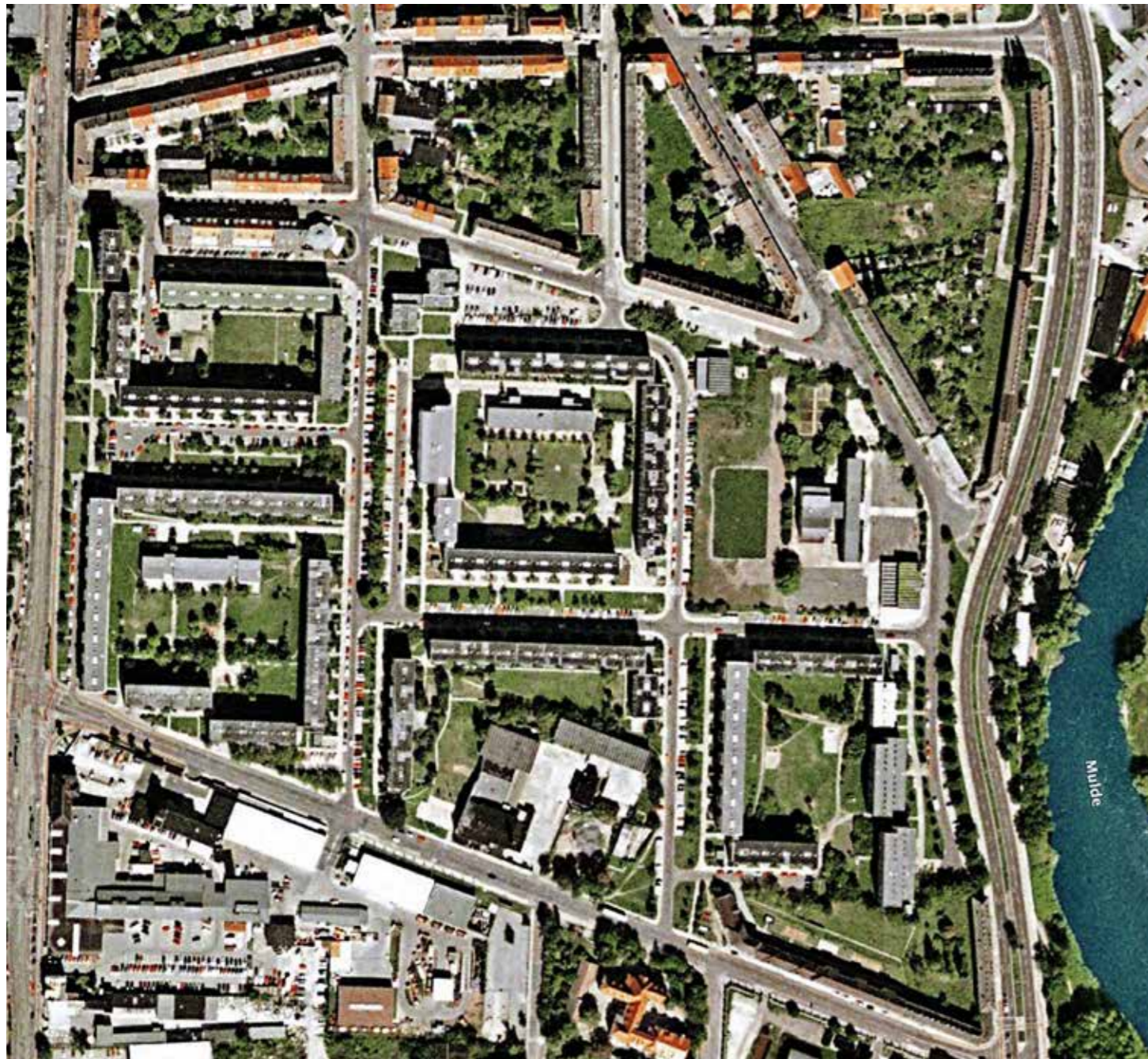


## Priority #4: Add housing



Excess capacity in the urban fabric is also underused housing capacity. Services from before demolition are still in place.

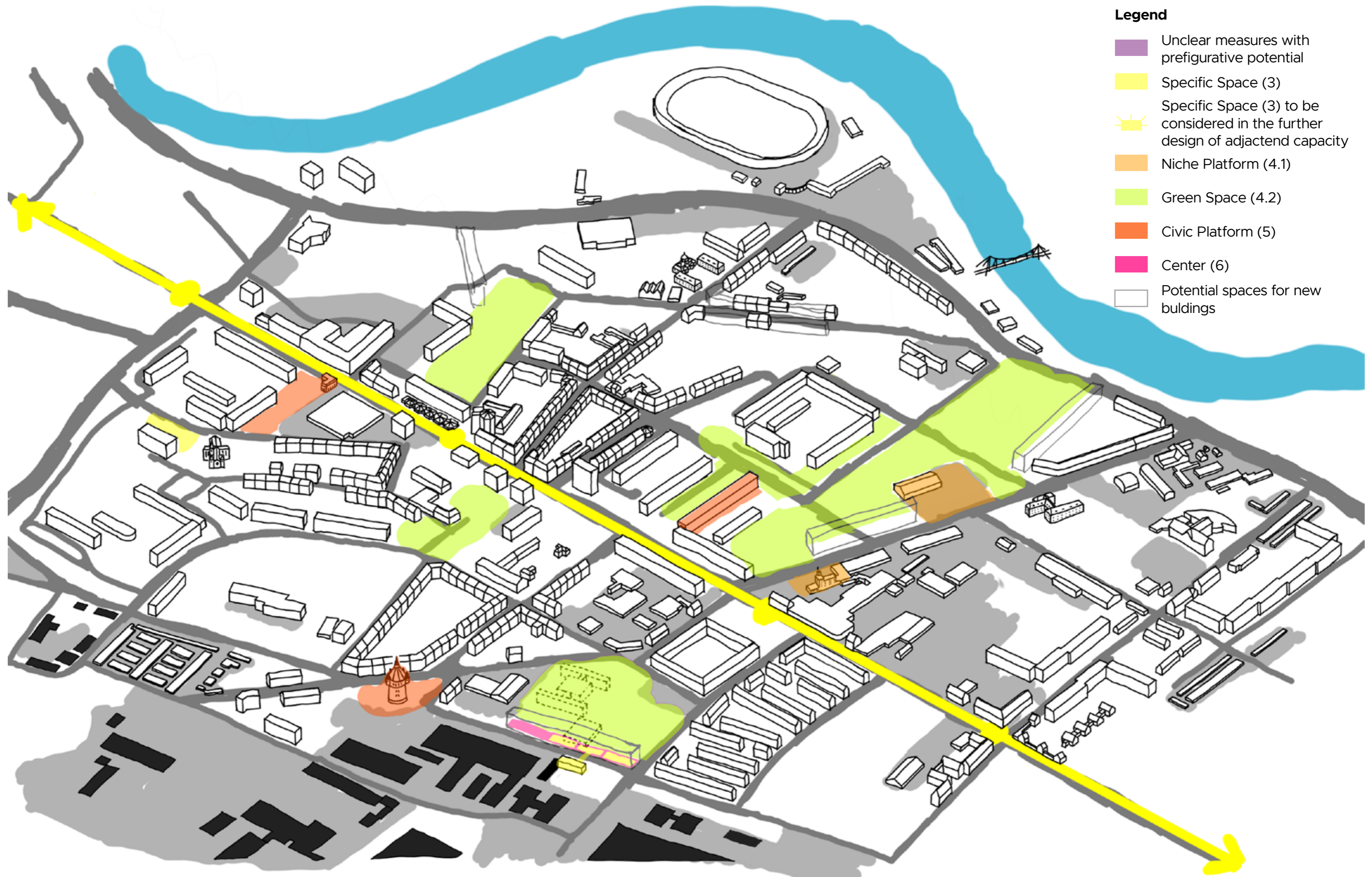
2000



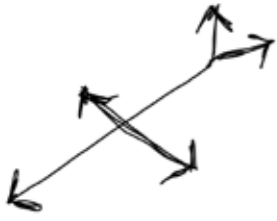
2025



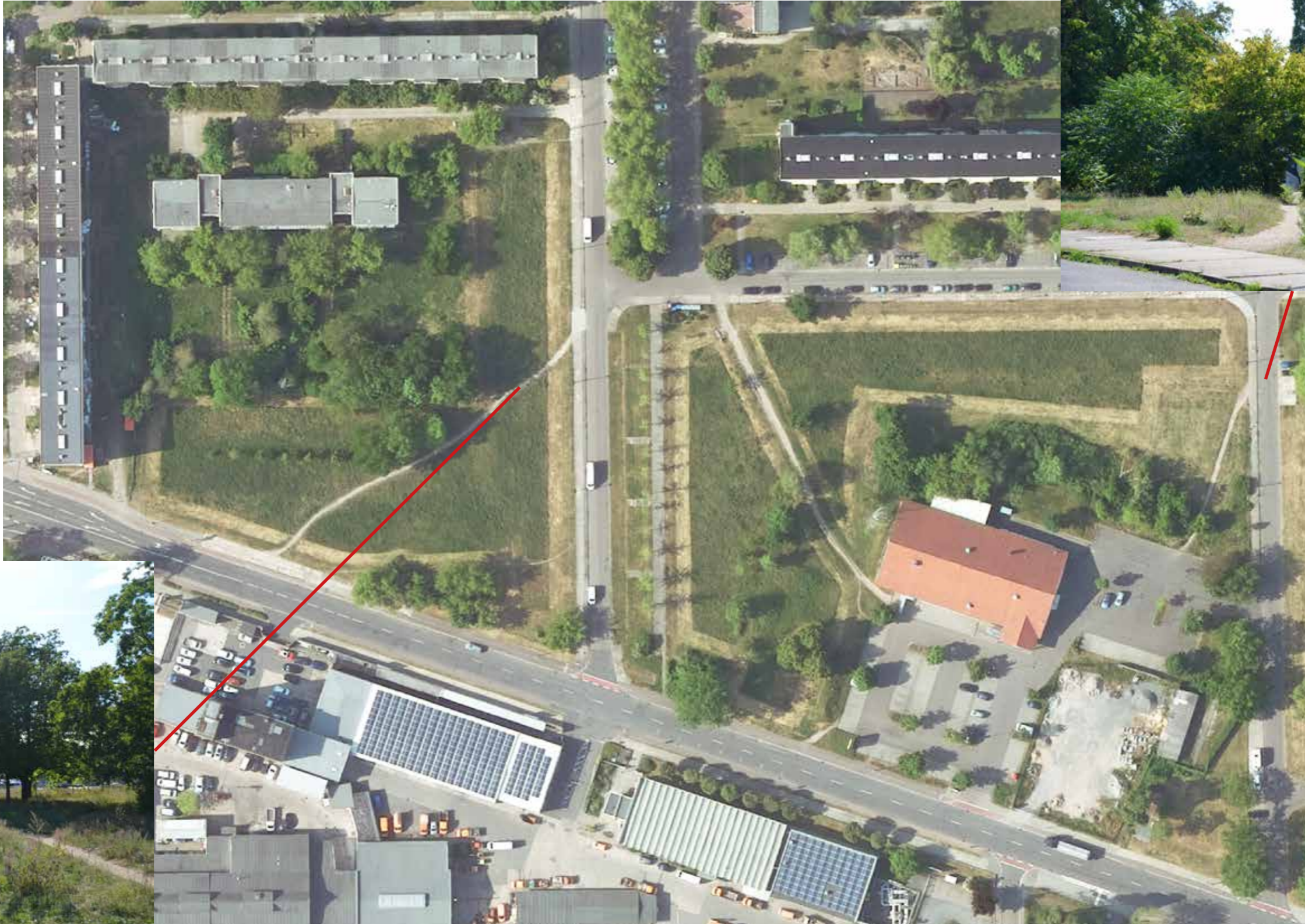
# Priority #4: Add housing



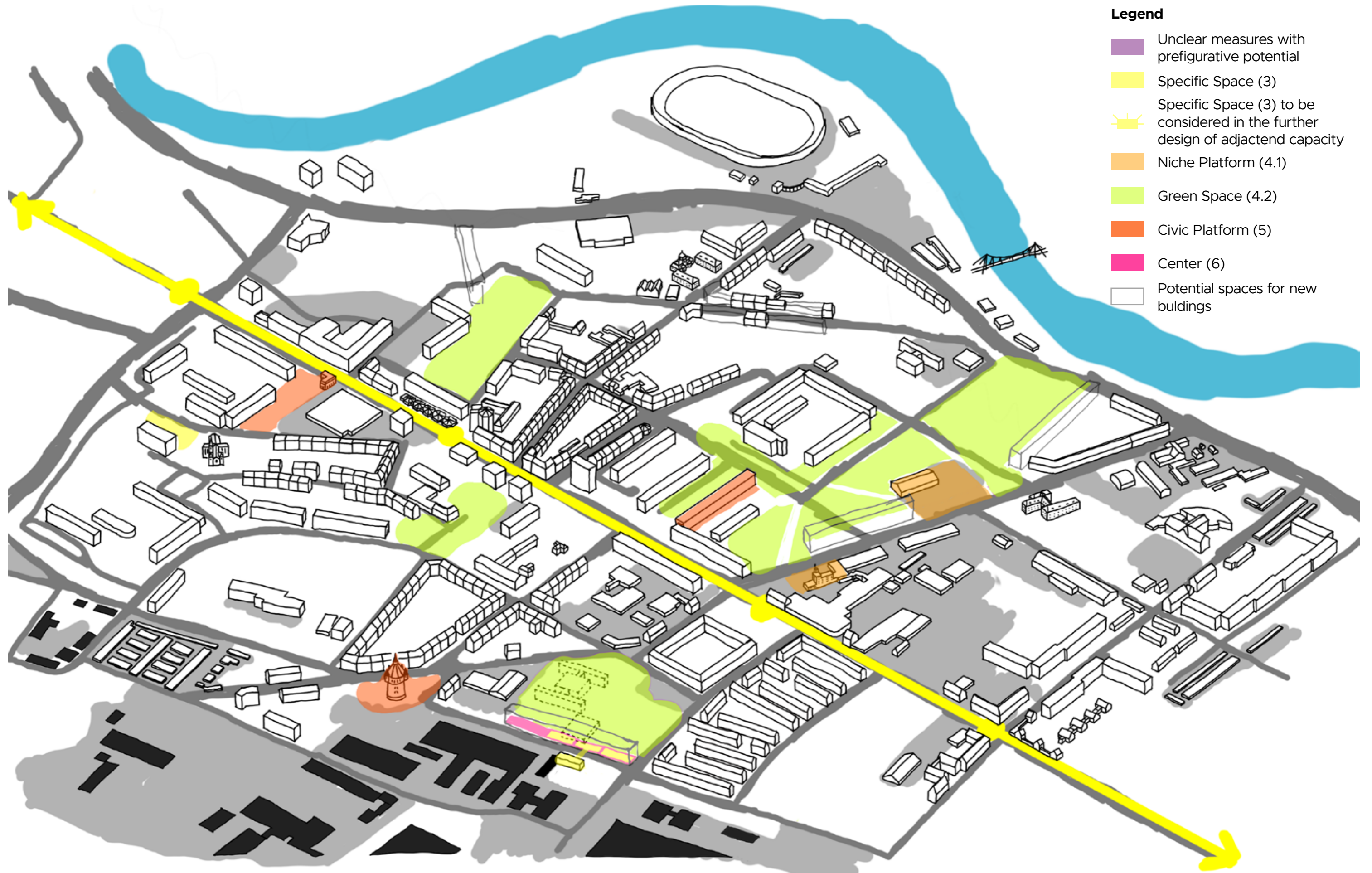
## Priority #5: Sensible relations shape space



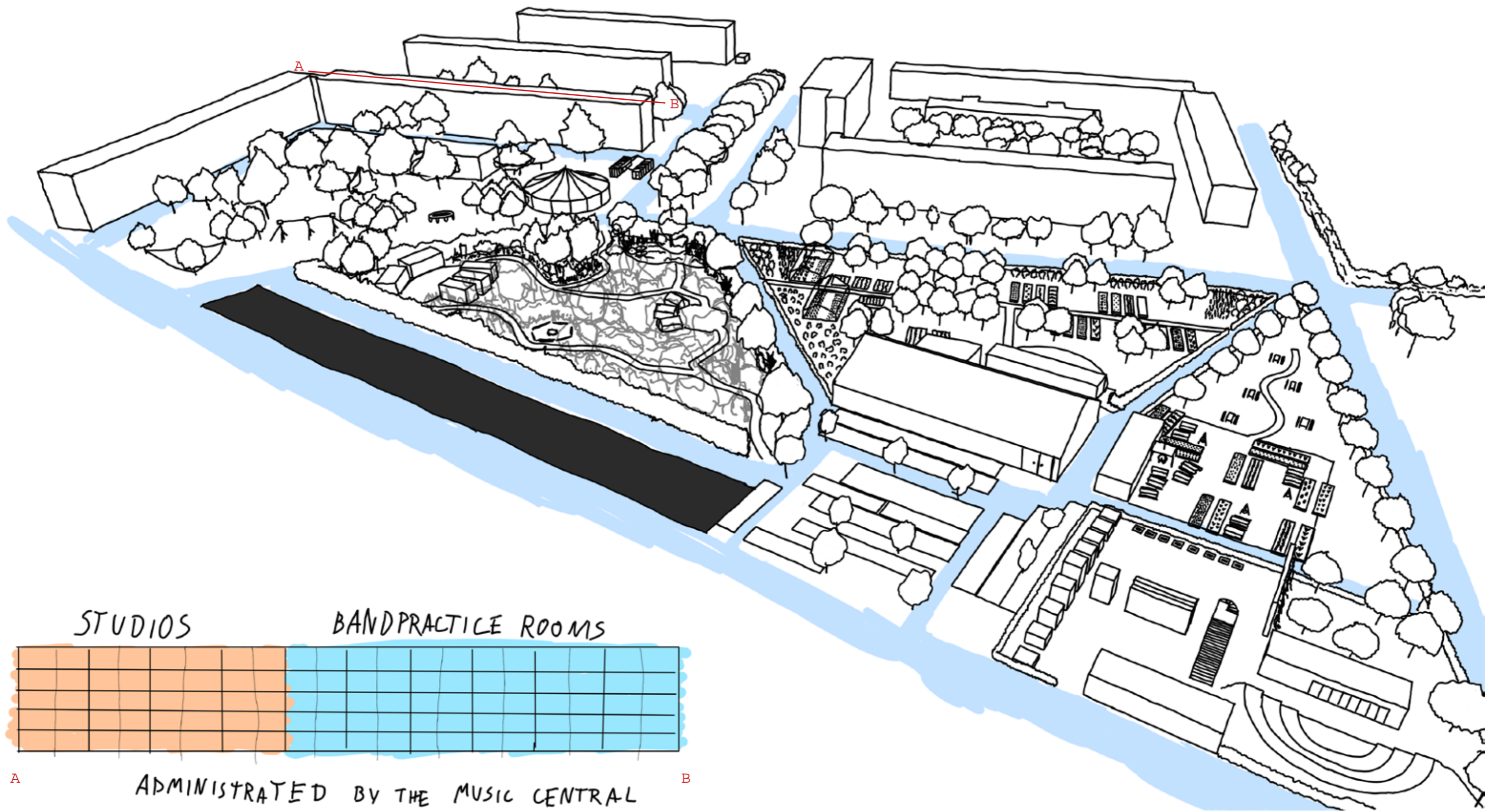
Wayfinding in the neighborhood should orientate by the paths the residents take, they form the prefigurative spaces.



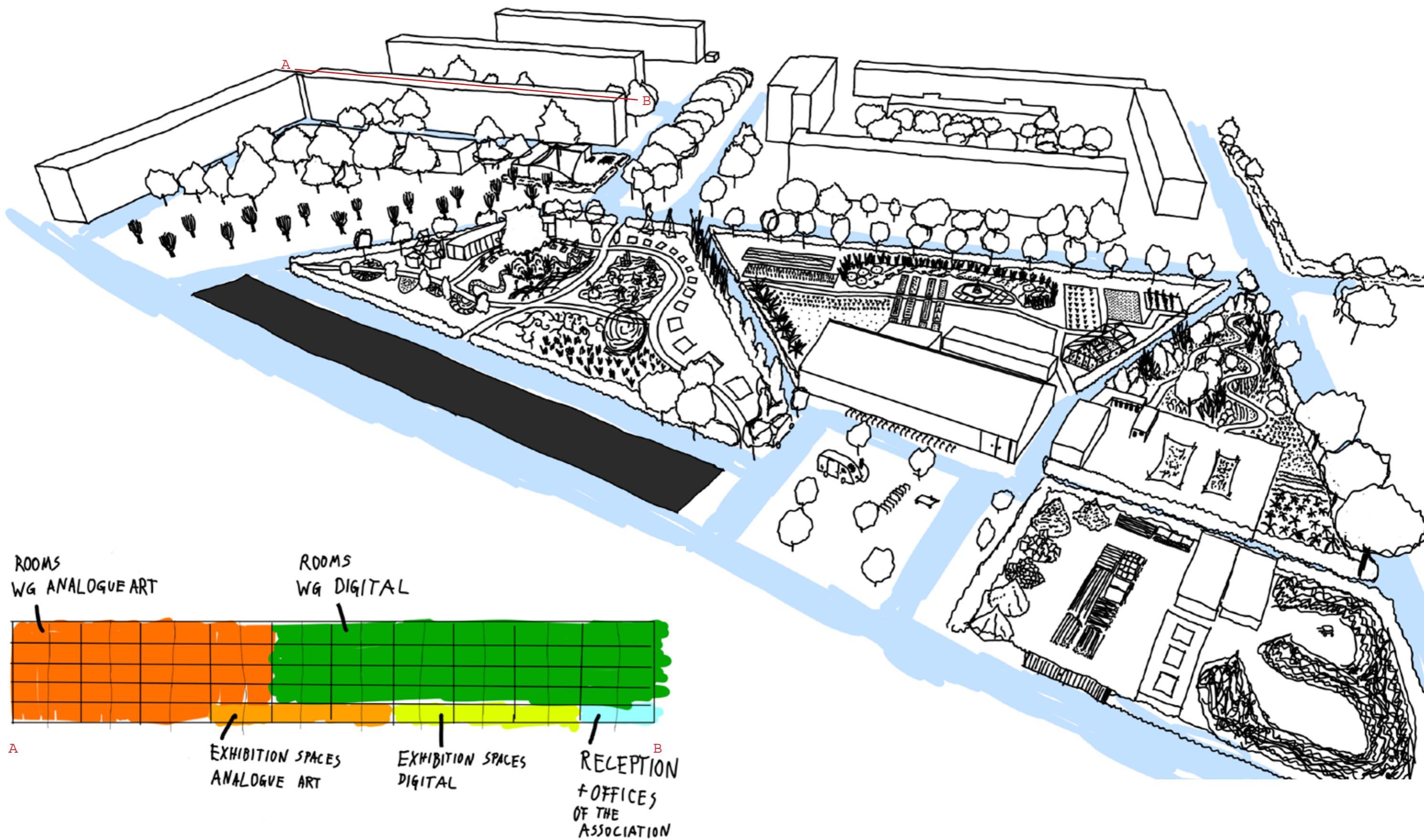
# Priority #5: Sensible relations shape space



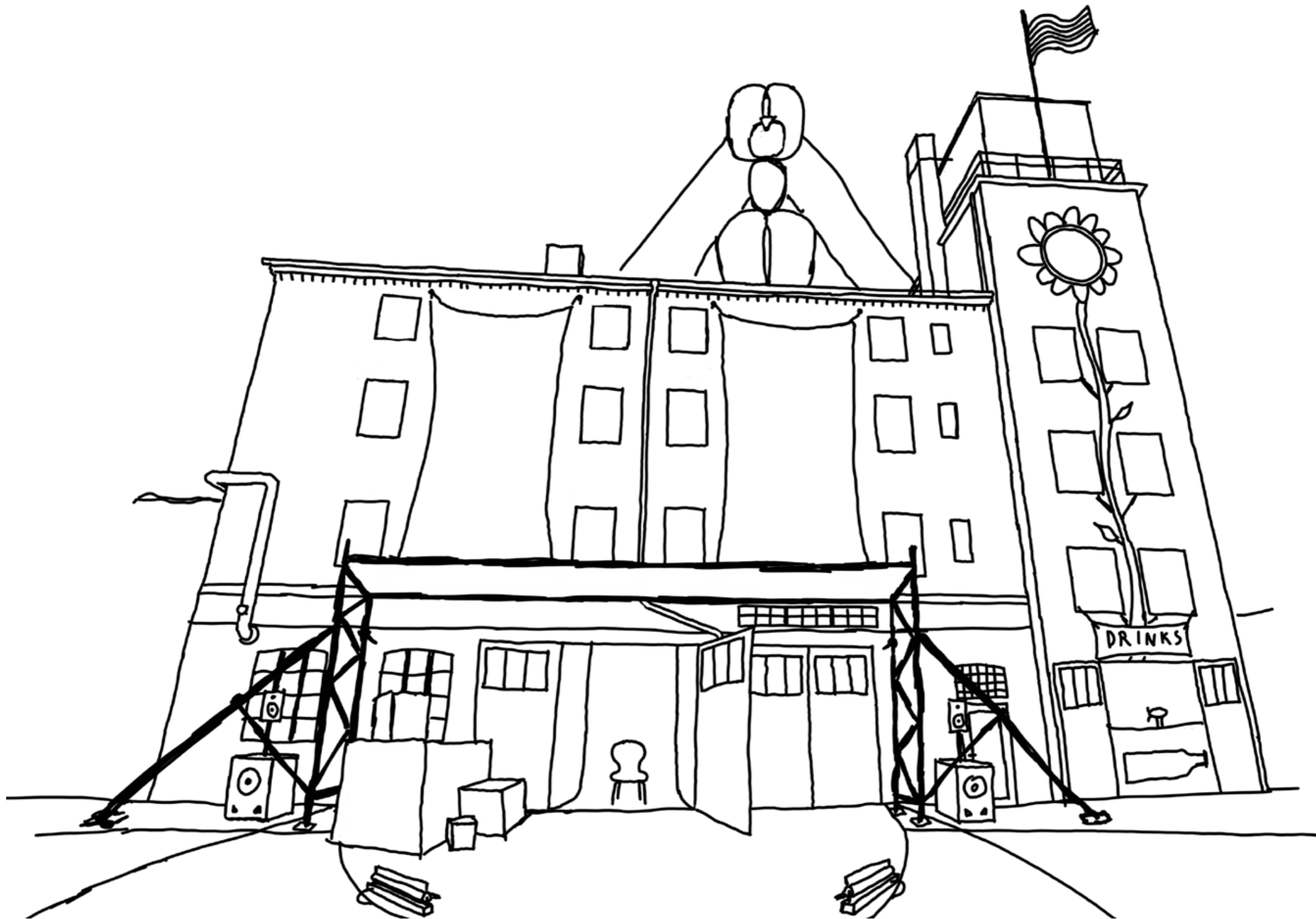
# Scenario #1: Enjoying



# Scenario #2: Making



Scenario #1: Enjoying

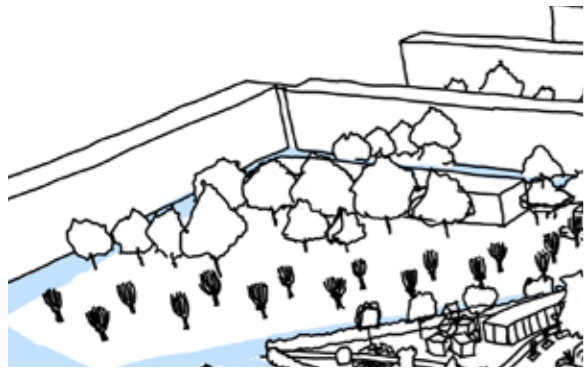
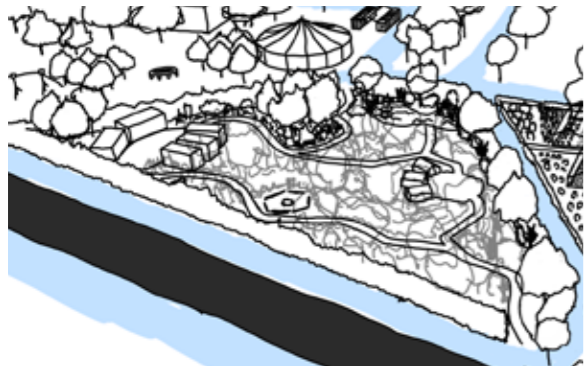


Scenario #2: Making



## Design conclusions

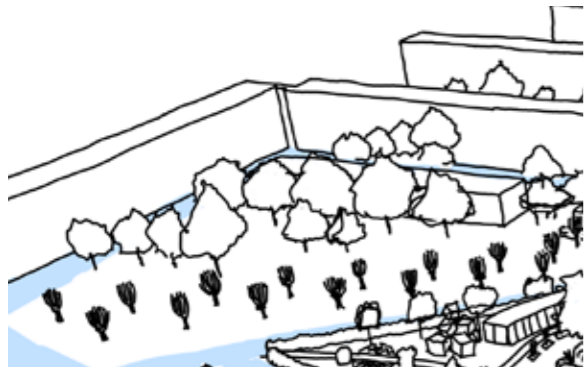
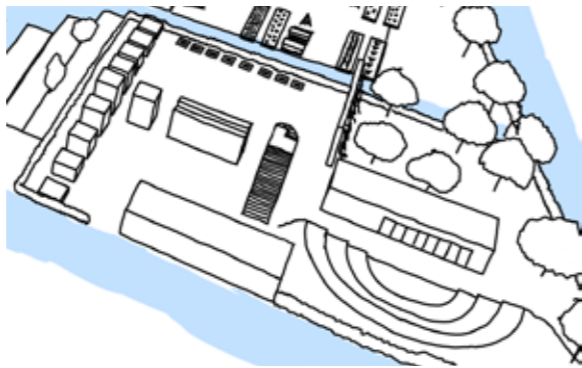
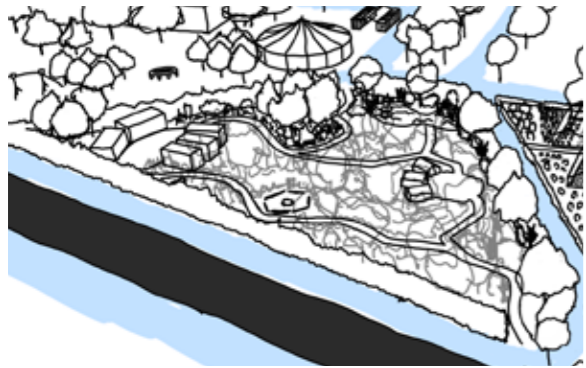
Degree of publicness



# Design conclusions

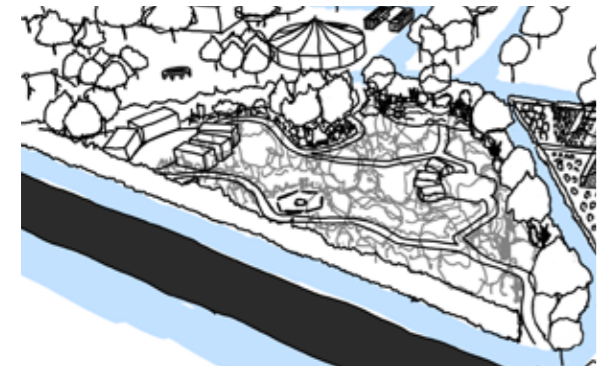
Degree of publicness

Size of practices

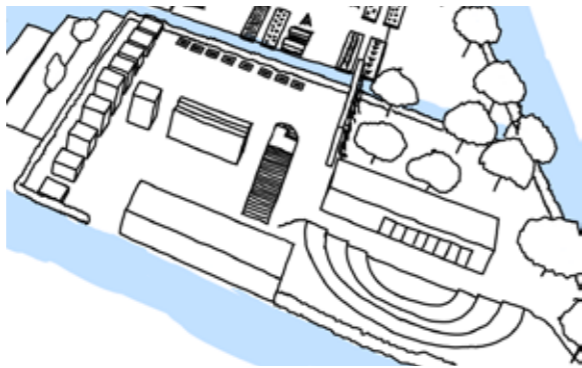


# Design conclusions

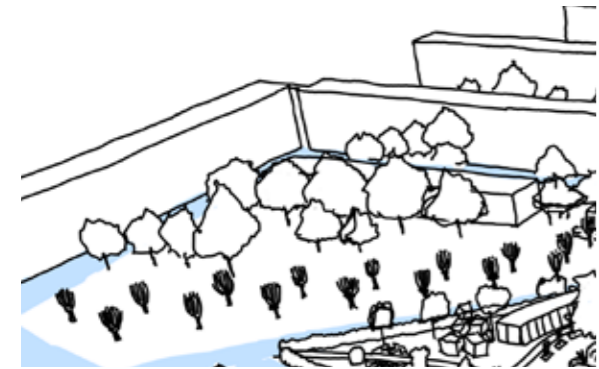
Degree of publicness



Size of practices



Shelter



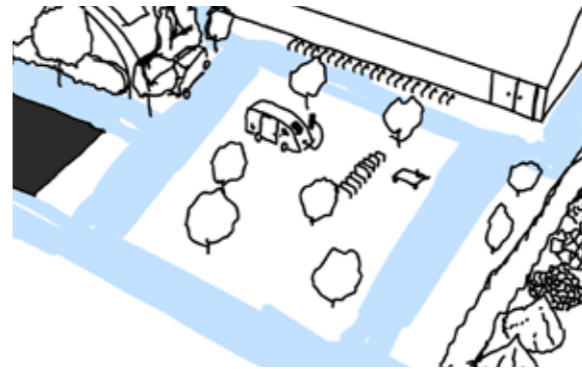
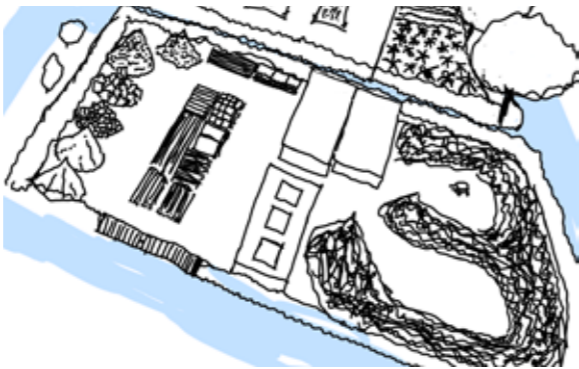
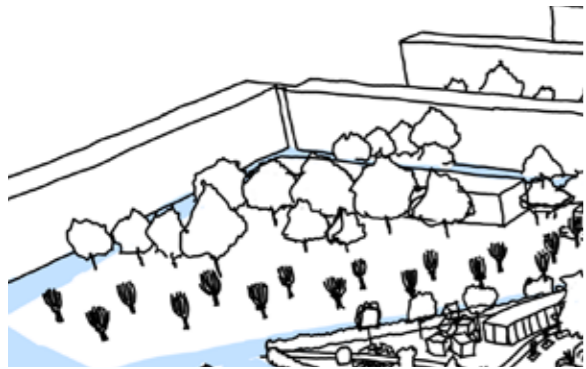
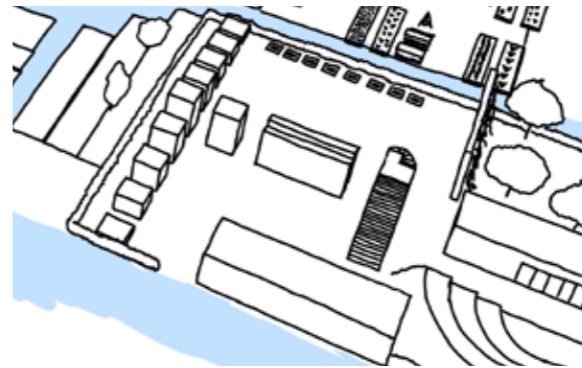
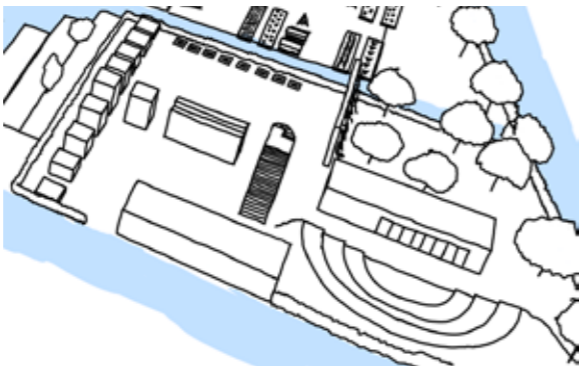
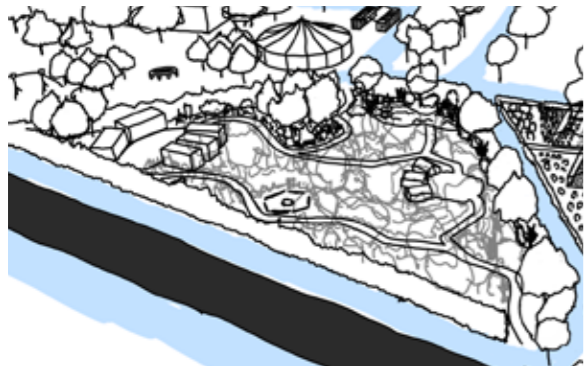
# Design conclusions

Degree of publicness

Size of practices

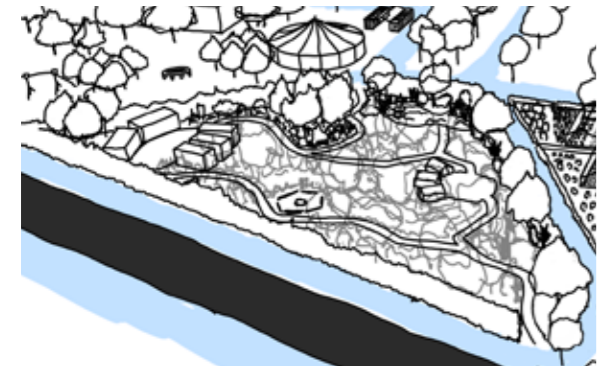
Shelter

Surface

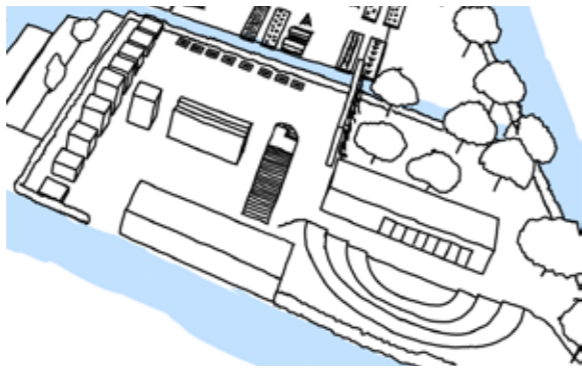


# Design conclusions

Degree of publicness



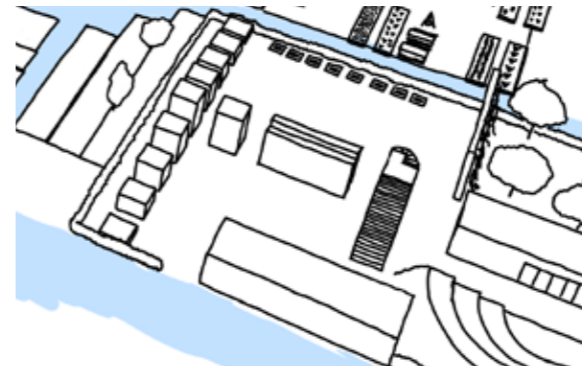
Size of practices



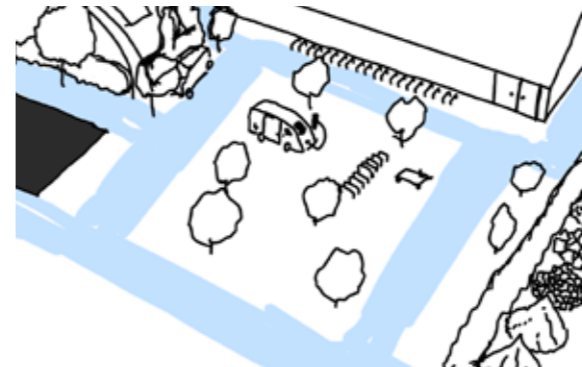
Shelter



Surface



Seasonality



## Reality check



### In favour of my approach

### Not in favour of my approach

High solidarity amongst neighbors

Strong solidarity only with the immediate neighbors

Low acceptance of the fallow lands as unused spaces

Demographics: many inhabitants not at the age/point in life where they would start and be part of an initiative

Previous networking efforts in the neighborhood are successful

Not many new members in existing initiatives

Previous events were received well by the residents

Newer practices in the area are not from the neighborhood

Municipality already works with leasehold agreements

Financial situation of municipality does not assure (continuity of) support

Reliance on property of the DWG which has little financial means

Conclusions to be fed back into theory

Mismatch of the capacities of space and population

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Public space important for #4 Inclusive mode of operation

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Mismatch of the capacities of space and population

Public space important for #4 Inclusive mode of operation

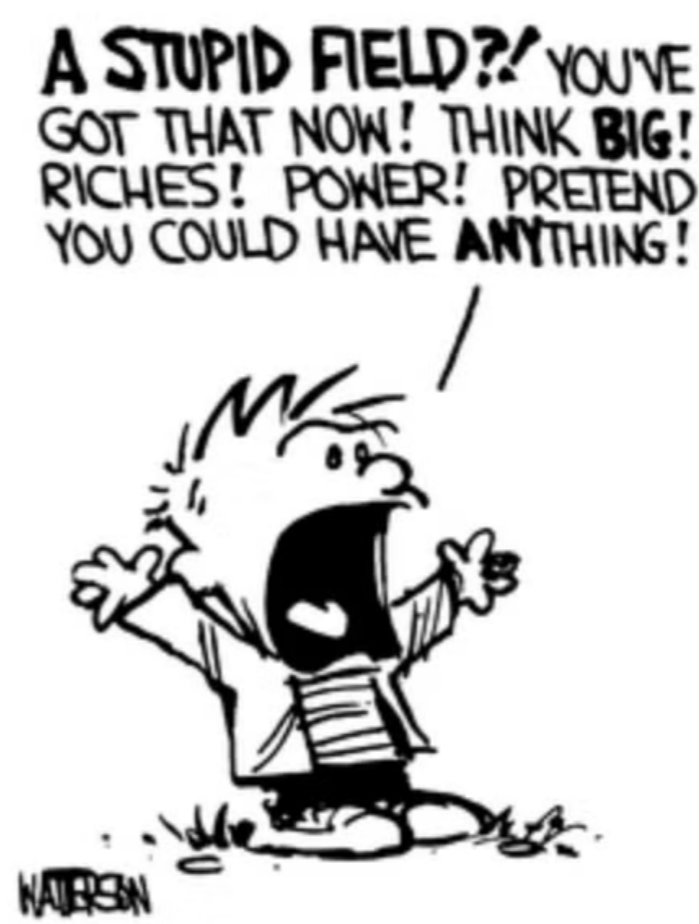
Working with the existing = feasibility

## Discussion

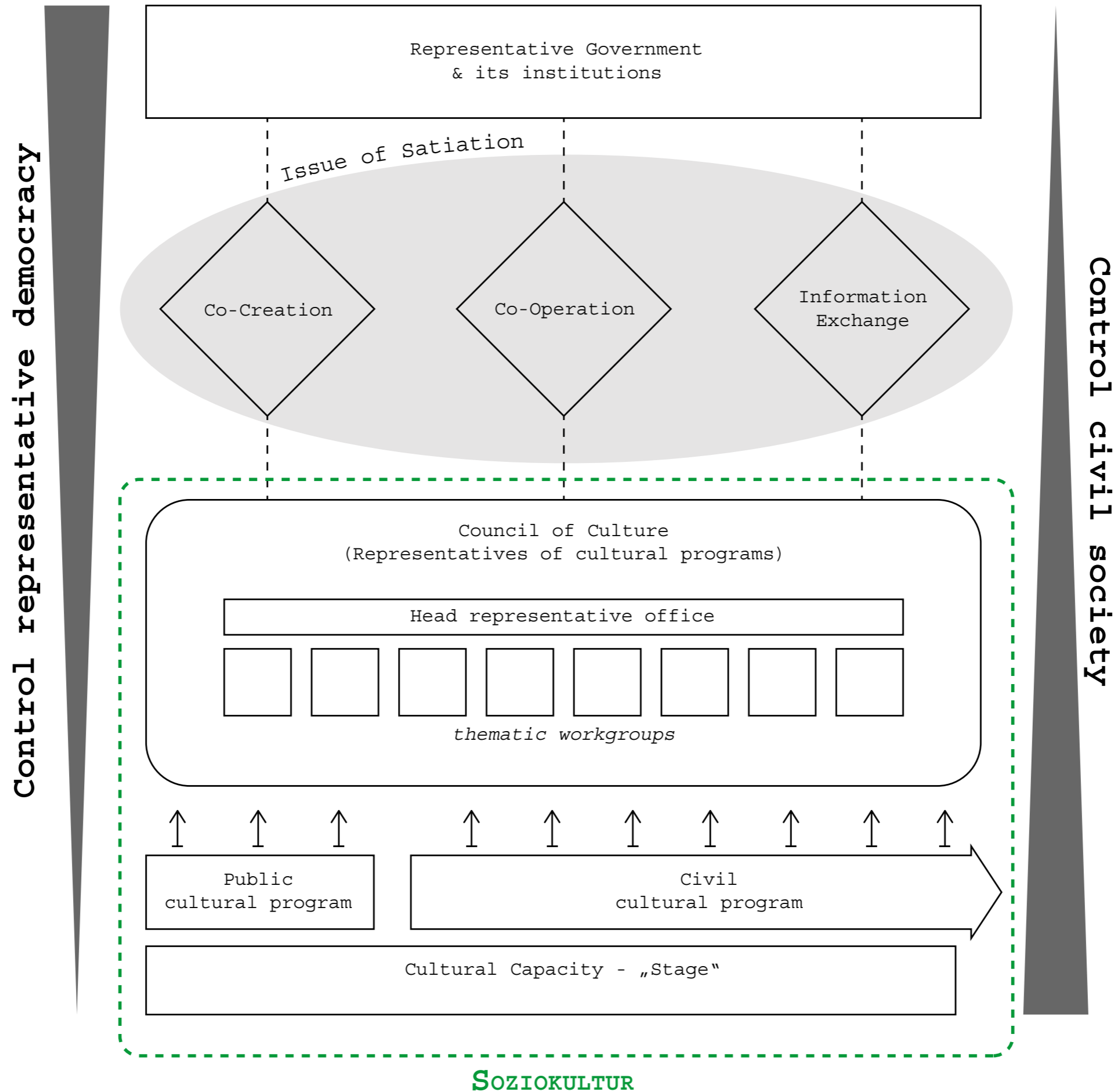
Gentrification

**Why is satiation a good driver for sustainability transitions and what changes of urban spatial elements are associated to feasibly introducing it in Germany?**

Thank you!



# From prefiguration to popularization to pressure



## Image sources (where applicable)

Slide 5, 10 -

Nielsen, J. & Schürt, A. (with BBSR). (n.d.). Annähernd zwei Millionen Wohnungen in Deutschland stehen leer. <https://www.deutschlandatlas.bund.de/DE/Karten/Wie-wir-wohnen/046-Wohnungsleerstand.html>.

Slide 6, 10 -

Grohmann & J., Porschke, A. (with BBSR) (n.d.b). In Süd- und Nordwestdeutschland wächst die Bevölkerung am stärksten. <https://www.deutschlandatlas.bund.de/DE/Karten/Wo-wir-leben/009-Bevoelkerungsentwicklung.html>.

Slide 7, 10 -

Sixtus, F., Slupina, M., Sütterlin, S., Amberger, J., & Klingholz, R. (with Wüstenrot Stiftung). (2019). Teilhabeatlas Deutschland: Ungleichwertige Lebensverhältnisse und wie die Menschen sie wahrnehmen (Originalausgabe). Berlin-Institut für Bevölkerung und Entwicklung.

Slide 9 -

Dawum. (2025a). AfD: Neueste Umfragewerte in Wahlumfragen. Umfragewerte in den Landtagswahlen. <https://dawum.de/AfD/>.

Dawum. (2025b). Bündnis 90/Die Grünen: Neueste Umfragewerte in Wahlumfragen. Umfragewerte in den Landtagswahlen. [https://dawum.de/Die\\_Gruenen/](https://dawum.de/Die_Gruenen/).

Slide 10 -

Statistisches Landesamt Sachsen-Anhalt, Halle (Saale). 2024. Kreisfreie Stadt Dessau-Roßlau – Endgültiges Ergebnis. <https://wahlergebnisse.sachsen-anhalt.de/wahlen/kw24/erg/kreis/kw.15001.erggraf.dr.php>.

Slide 44 -

MUZ. (n.d.). Rooms in the music center Nuremberg [Photograph]. <https://www.musikzentrale.com/service/tonstudio/>; <https://www.musikzentrale.com/muzclub/allgemeine-informationen/>.

Slide 45 –

Pröll, Nina. (n.d.). The FabLab in Nuremberg. [Photograph] <https://www.fablab-nuernberg.de/ueber-uns/raeumlichkeiten>.

Slide 46 –

“2023 Benjeshecken zur Einfriedung und Besucherlenkung entstehen um die Tanzlinde“. (2023). [Photograph]. <https://www.allmende-kontor.de/der-garten/projekte/tanzlinde/>

Slide 47 –

“Raumplan K\*AFF“. (n.d.). [Photograph]. <https://kaff-os.de/kaff/raumkonzept/>  
“Über uns“ (n.d.). [Photograph]. <https://werkstattfueralle.wordpress.com/uber-uns/>

Slide 48 -

Braun, M. (n.d.). Bildergalerie - Eröffnung Kulturwerkstatt 2016 [Photograph]. [https://www.nuernberg.de/internet/kuf\\_kultur/kulturwerkstatt\\_entstehungsgeschichte.html](https://www.nuernberg.de/internet/kuf_kultur/kulturwerkstatt_entstehungsgeschichte.html).

Slide 71-

Satellite images from Google, GeoContent, n.d. (left) and Google, Airbus, 2025 (right)

Slide 73 -

Landesamt für Vermessung und Geoinformation Sachsen-Anhalt. (n.d.a). Kostenfreie Digitale Orthophotos mit einer Bodenauflösung von 20cm (DOP20) [Dataset].

Slide 84 -

“Sylvia“. (n.d.). [Photograph]. <https://leipzigertor.de/quartiersmanagement>

Slide 90 -

Watterson, B. (1966). The sunny field. “Calvin and Hobbes“.