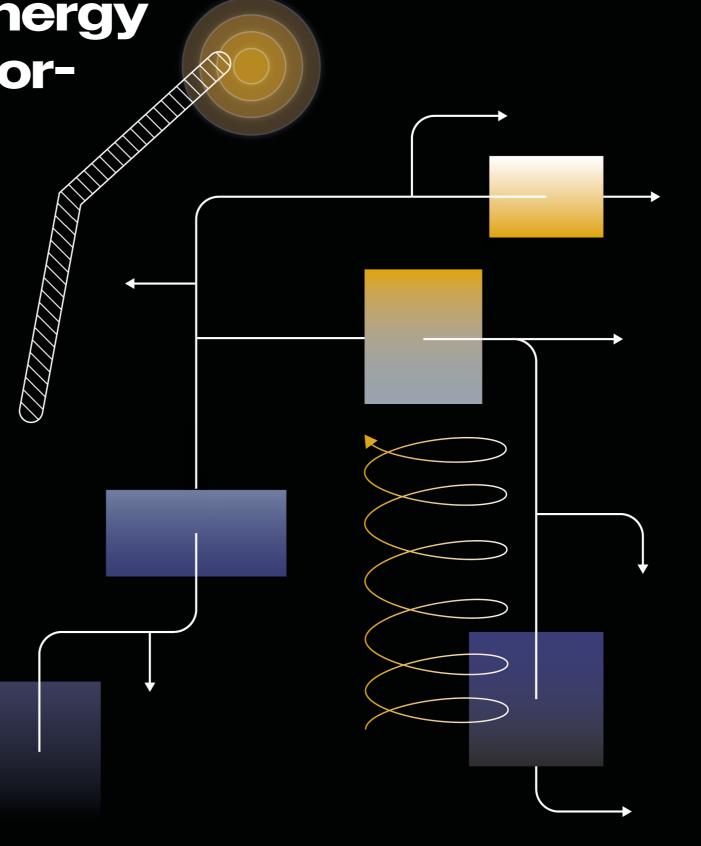
empolified

transitioning towards just energy futures in vulnerable neighborhoods in Rotterdam South.

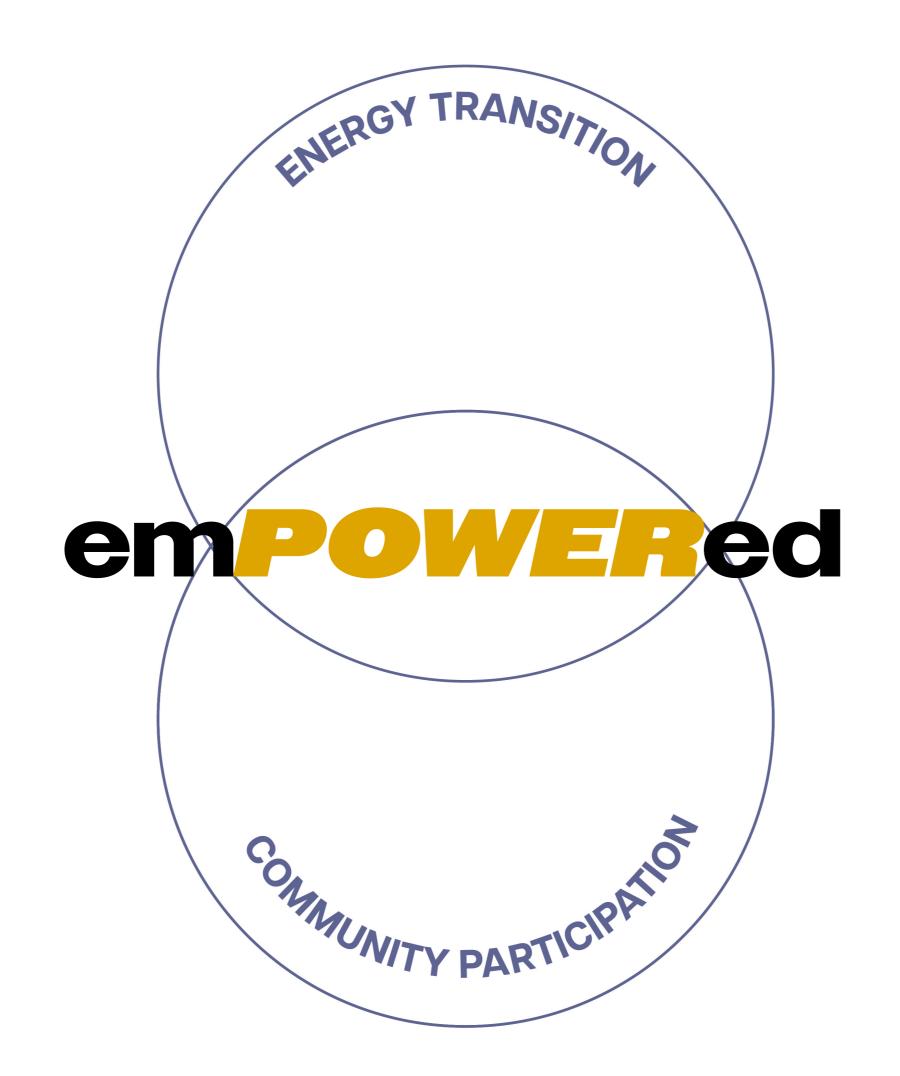
Sophie van Hal MSc Urbanism P5 presentation

TU Delft 21-06-2024



ENERGY TRANSITION

POWER

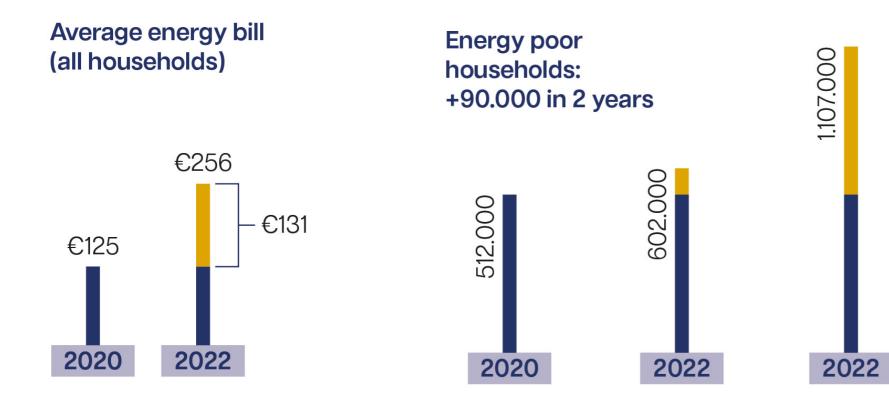


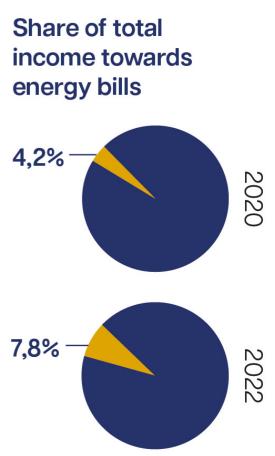


The energy transition



Energy poverty





Recent developments



Recent developments



29-09-2023

De energietoeslag en het prijsplafond verdwijnen in 2024: wat betekent dat voor jou?

(§ 2 min. leestijd



Recent developments



29-09-2023

De energietoeslag en het prijsplafond verdwijnen in 2024: wat betekent dat voor jou?

(2 min. leestijd



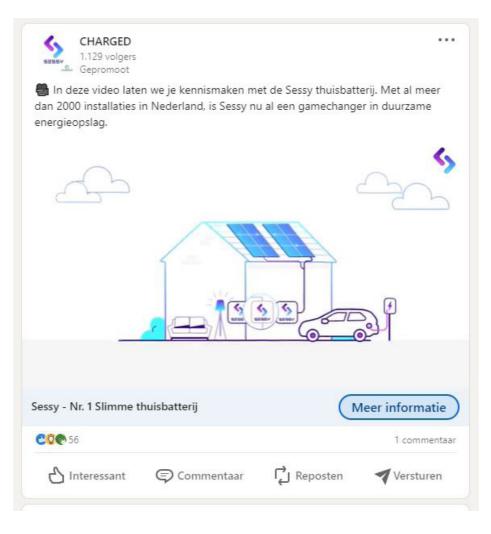
Maak jij je ook zorgen om de energiekosten in 2024?

Doe mee aan ons onderzoek



The energy transition.... but for who?

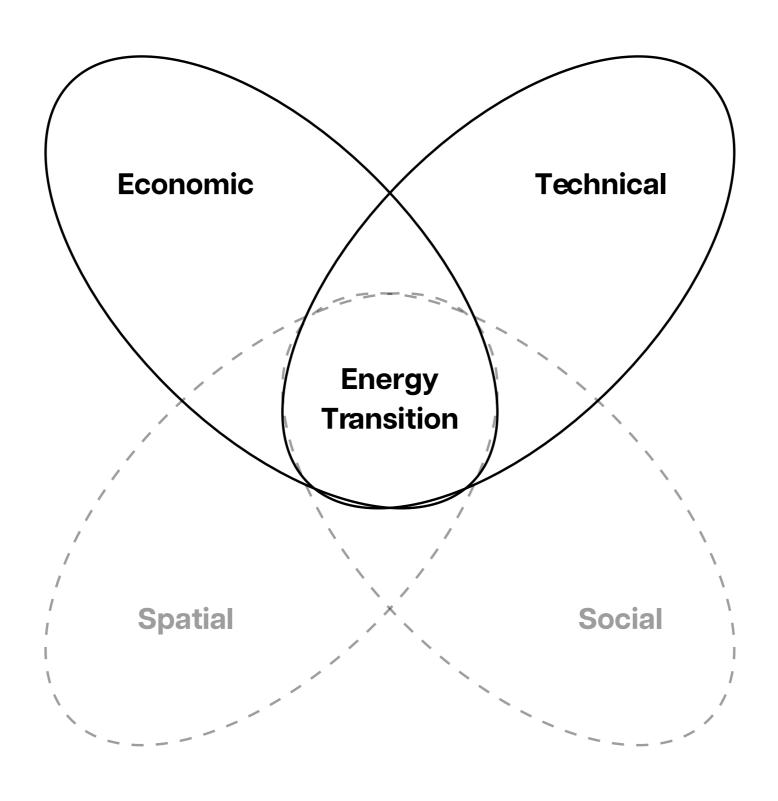




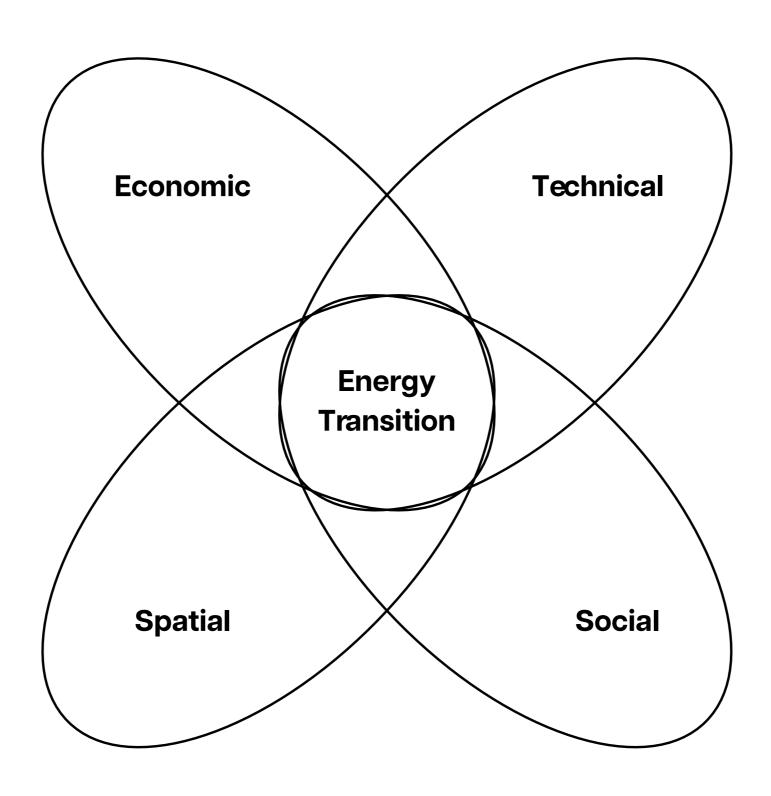
Sessy is een écht N



The energy transition



The energy transition



To strive towards...



To strive towards...



...with everyone involved



Spatial justice

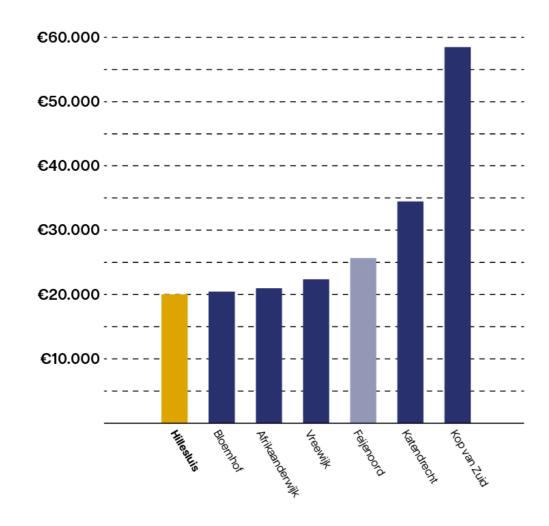


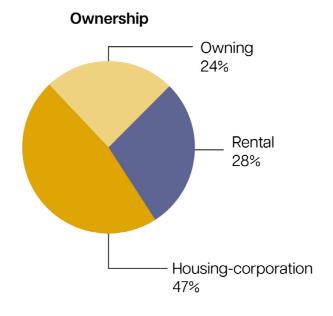


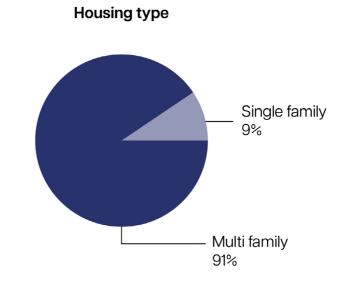
Case area: Hillesluis



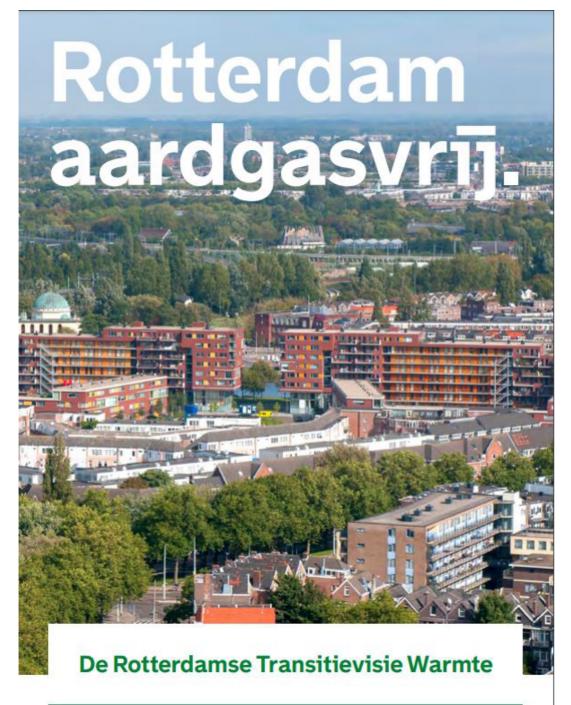
Energy vulnerabilities in Hillesluis







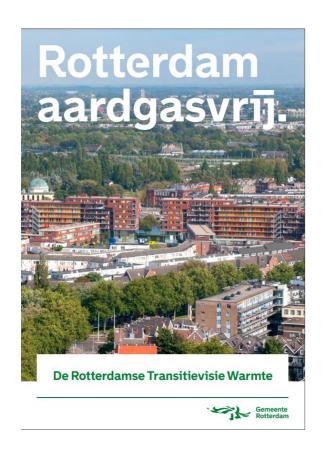






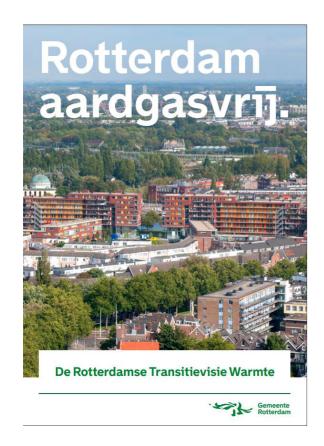






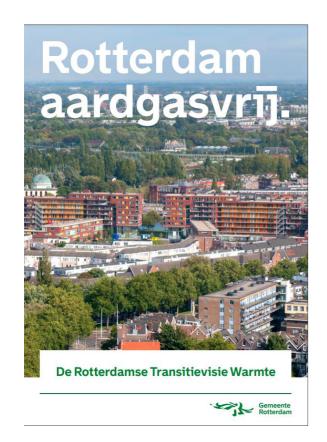


Gemeente Rotterdam





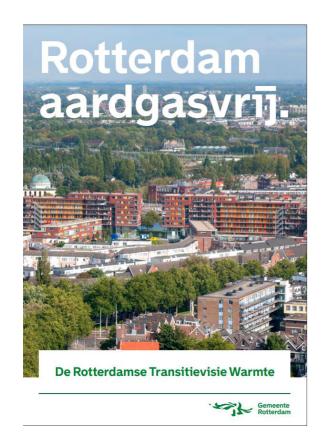
Gemeente Rotterdam Decrease emissions by 50%





Decrease emissions by 50%

Clean and affordable energy system for all

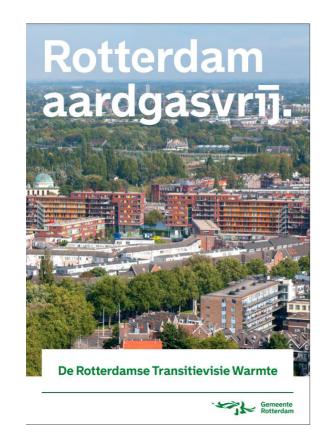




Gemeente Rotterdam Decrease emissions by 50%

Clean and affordable energy system for all

Strengthen the global position





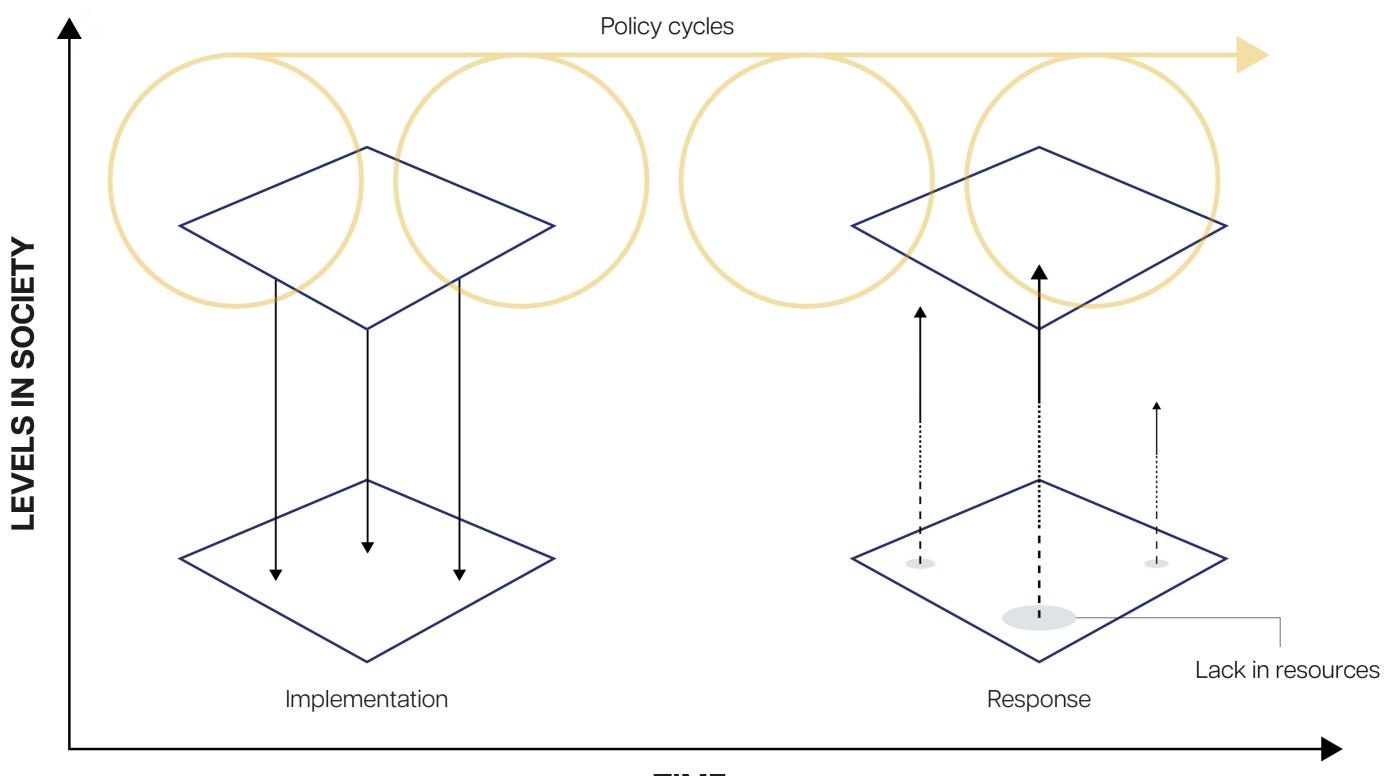
Decrease emissions by 50%

Clean and affordable energy system for all

Strengthen the global position

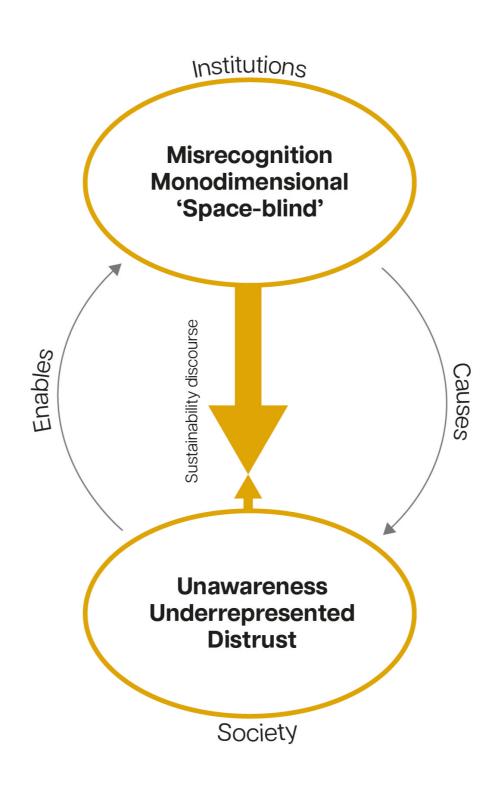
Collaborate with, engage and inform citizens

Cycles of unjust



TIME

Cycles of unjust



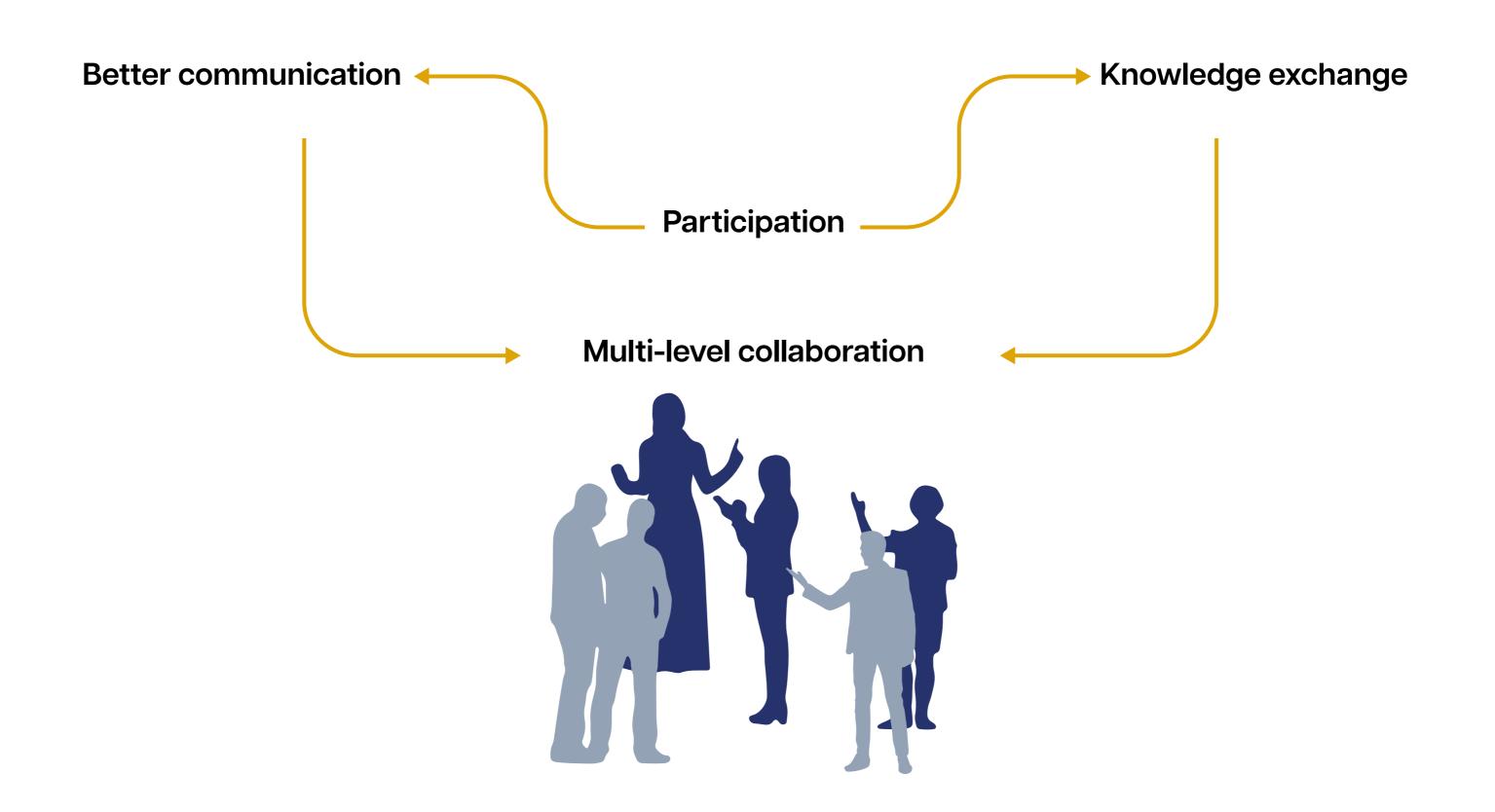
How to move forward?

Participation

How to move forward?

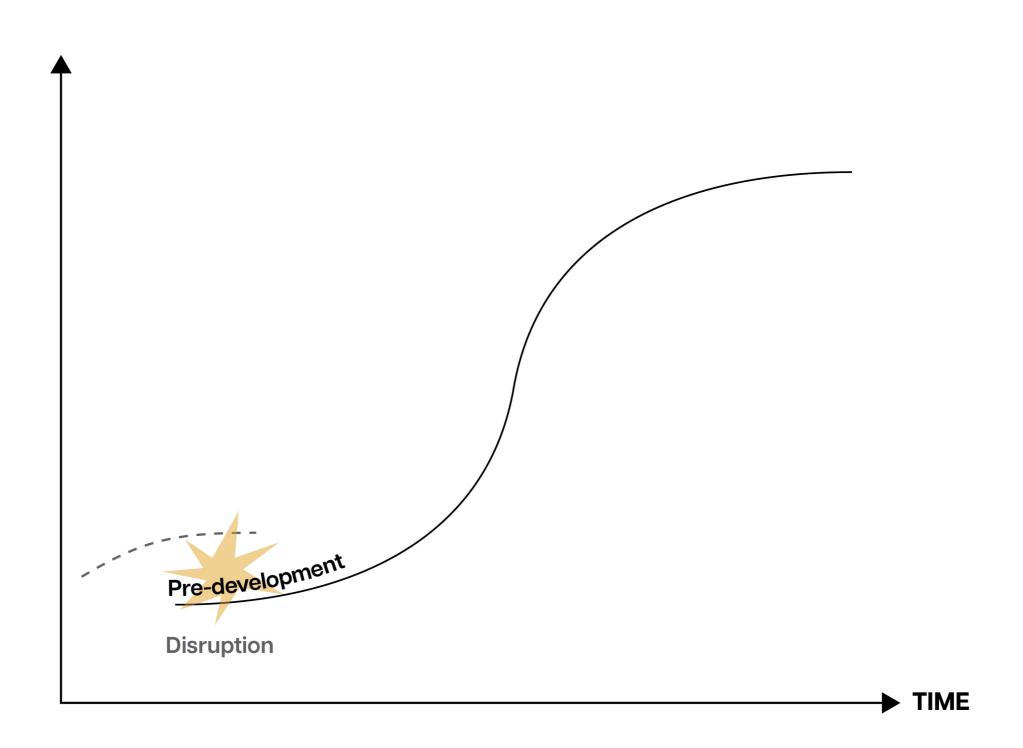


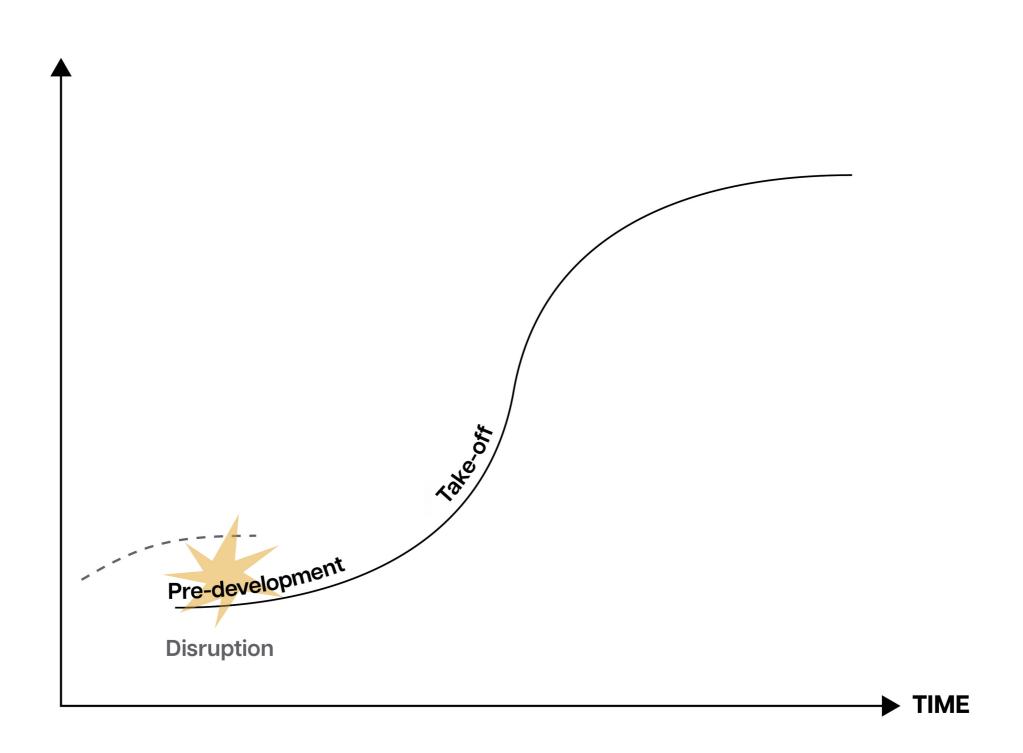
How to move forward?

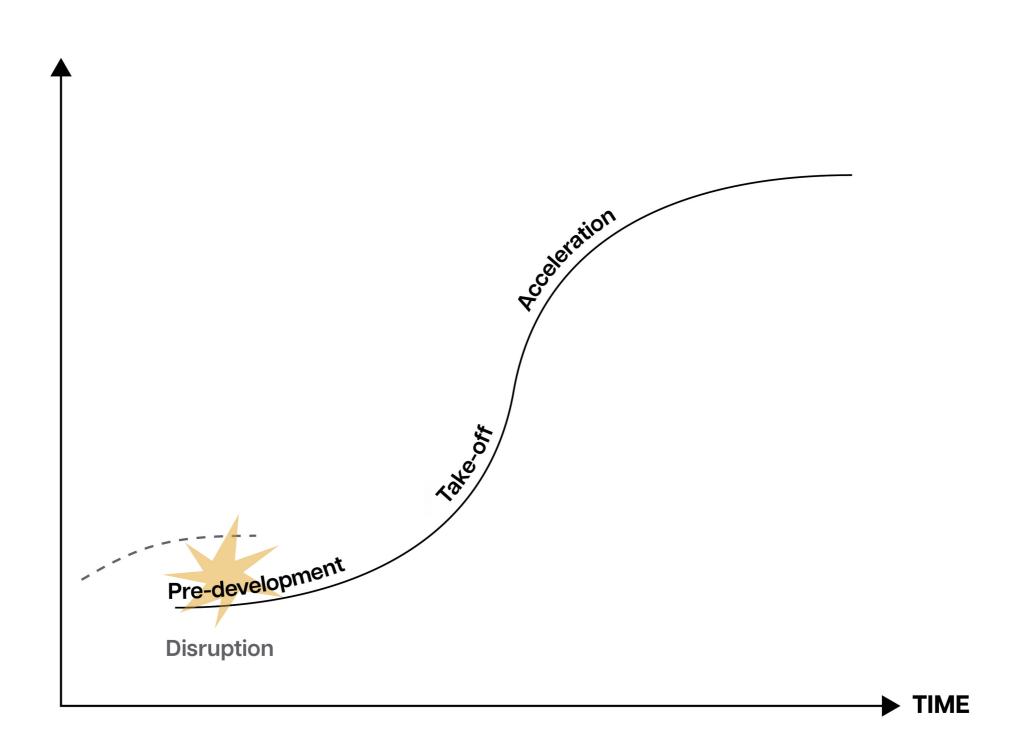


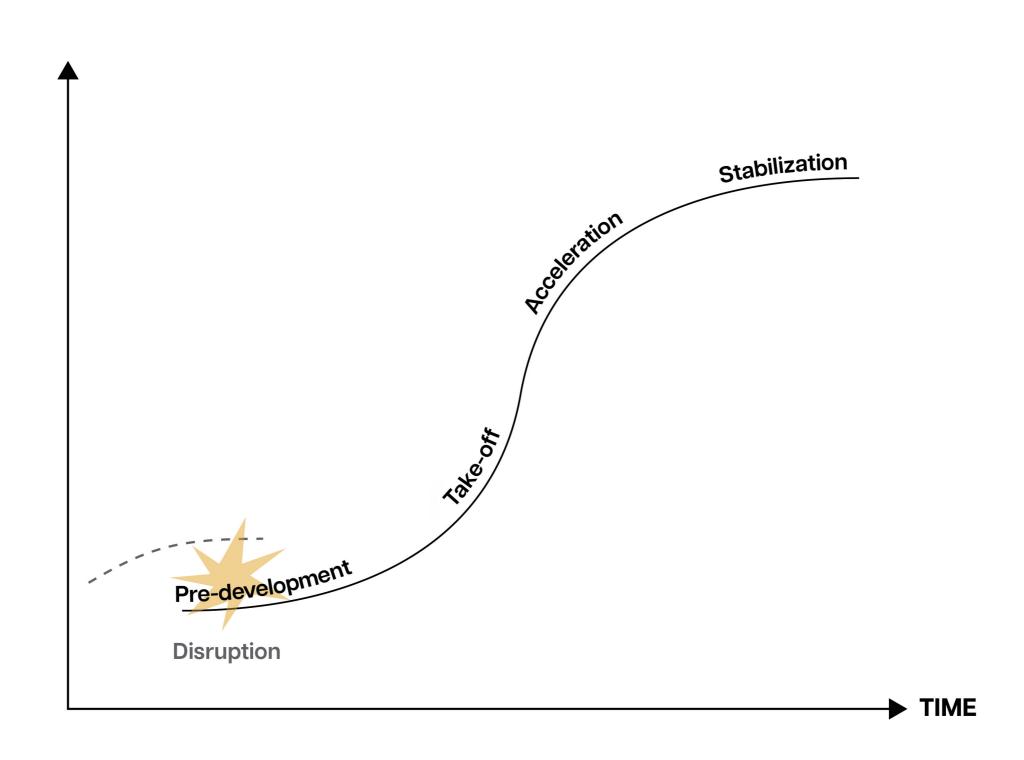
Main research question

How can participatory planning practices facilitate multi-actor collaborations between people, policy and innovation towards a spatially just energy transition in Hillesluis?

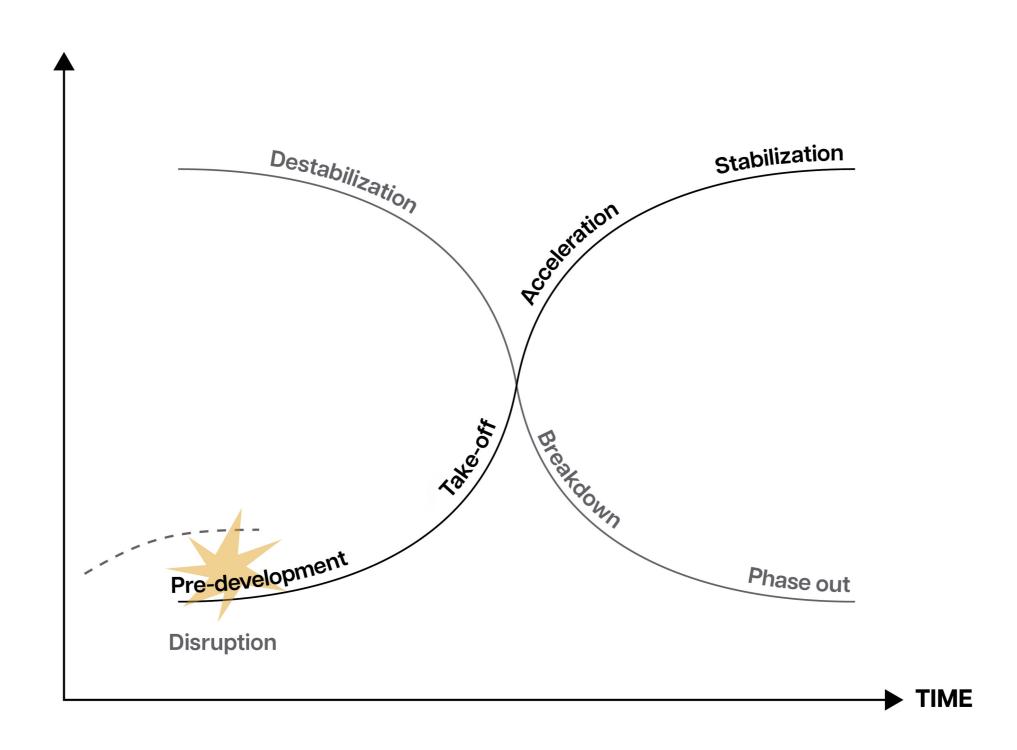








X-curve



How to manage transition phases?

Governance

Governance

Stakeholders

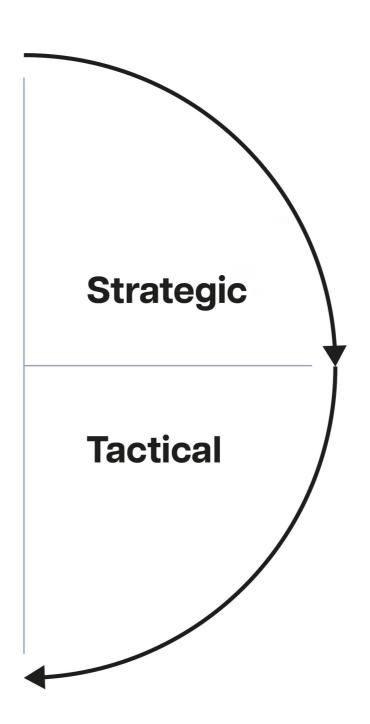
Policies

Decisions

Transition governance

Transition management



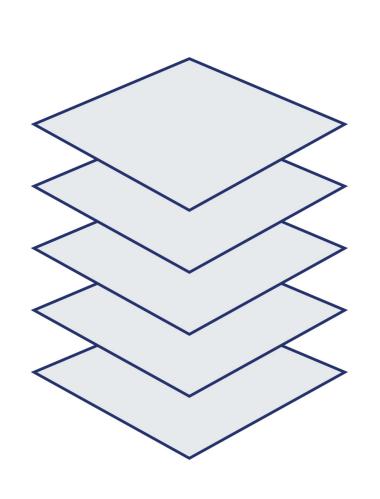


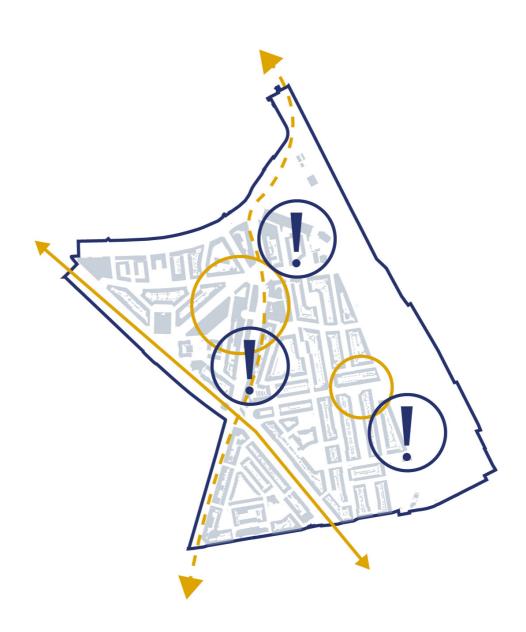




Methods

CONTEXT ANALYSIS

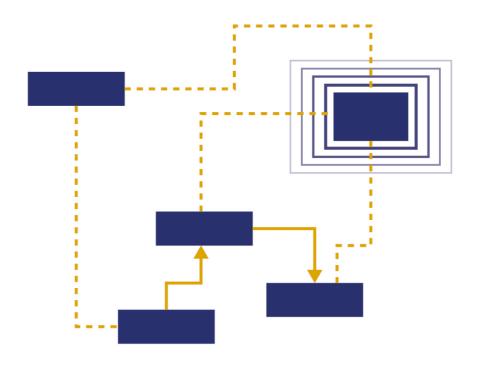




Methods

DISCOURSE ANALYSIS





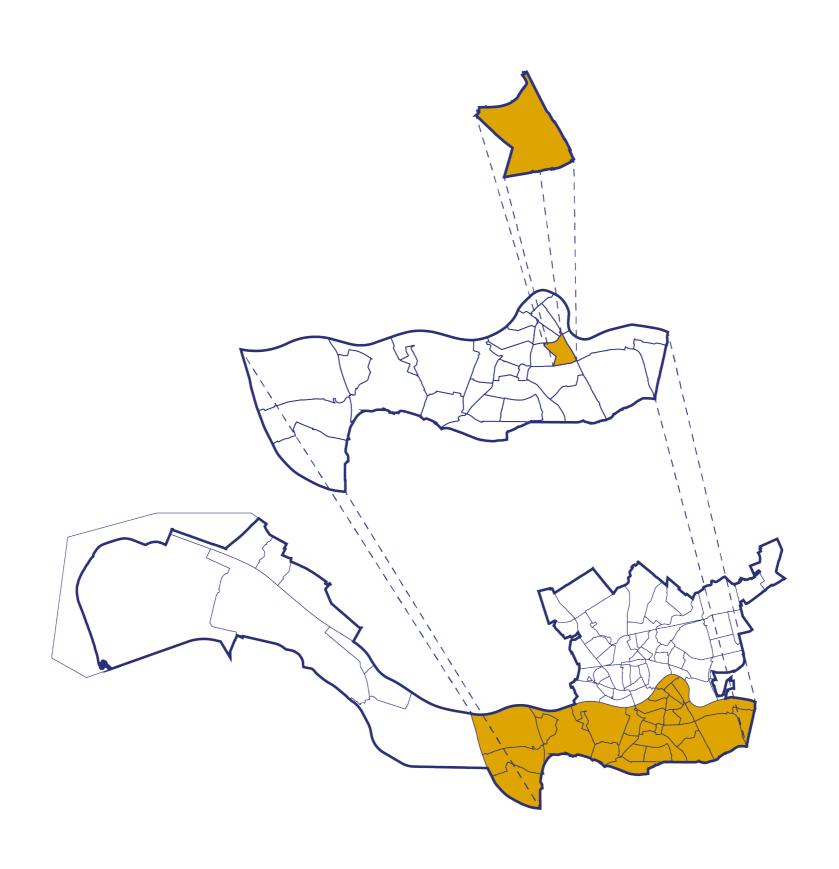
Methods

CO-CREATION



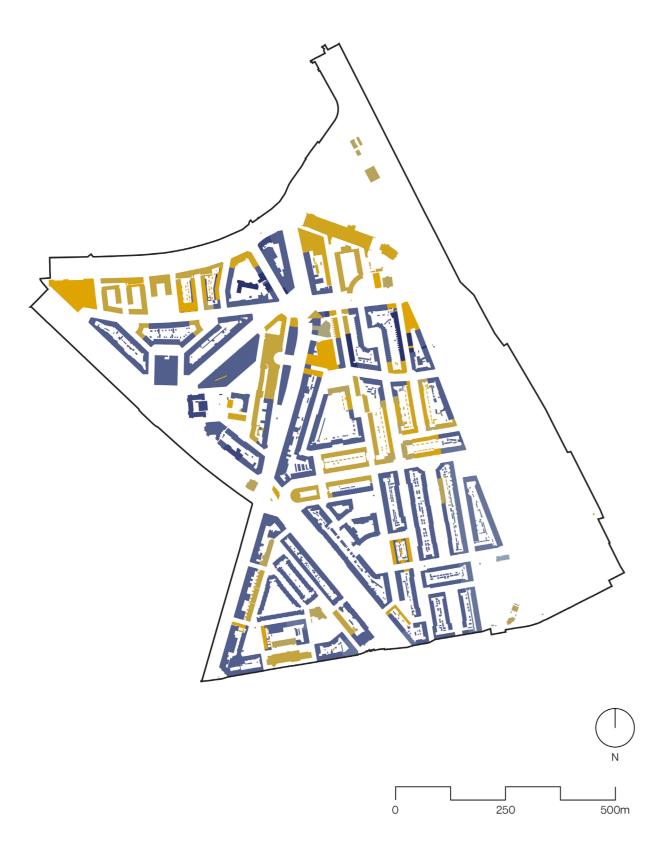


Hillesluis

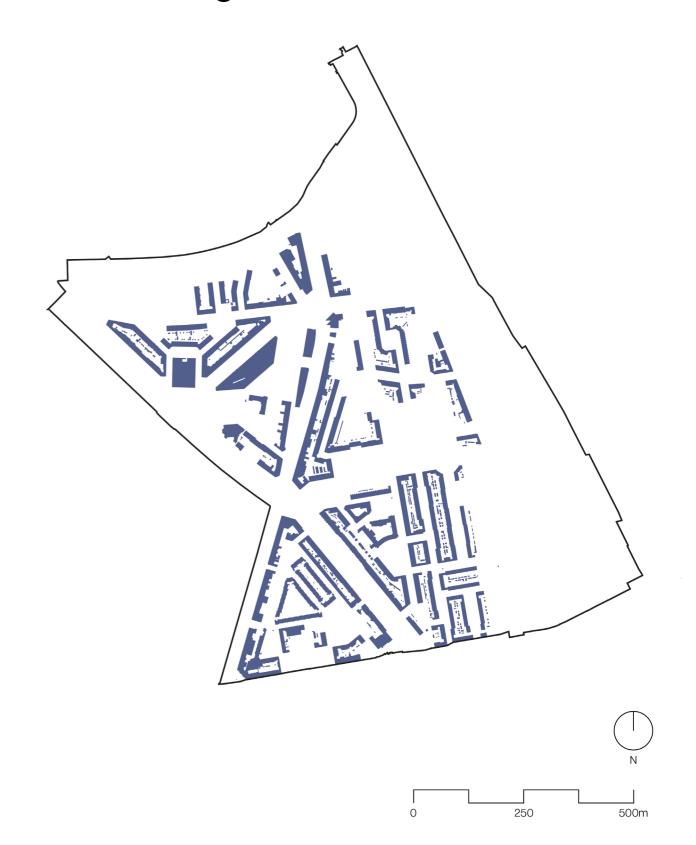


Energy vulnerabilities in Hillesluis

Building ages



Buildings from 1921-1930



Energy vulnerabilities in Hillesluis

Energy labels

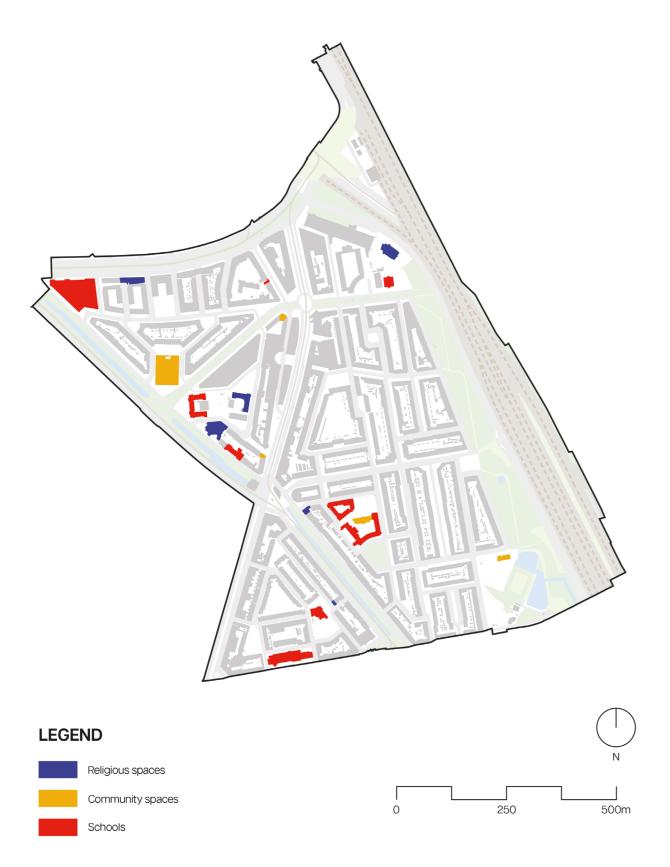
LEGEND G label 250 500m

Energy labels in 1921-1930 buildings

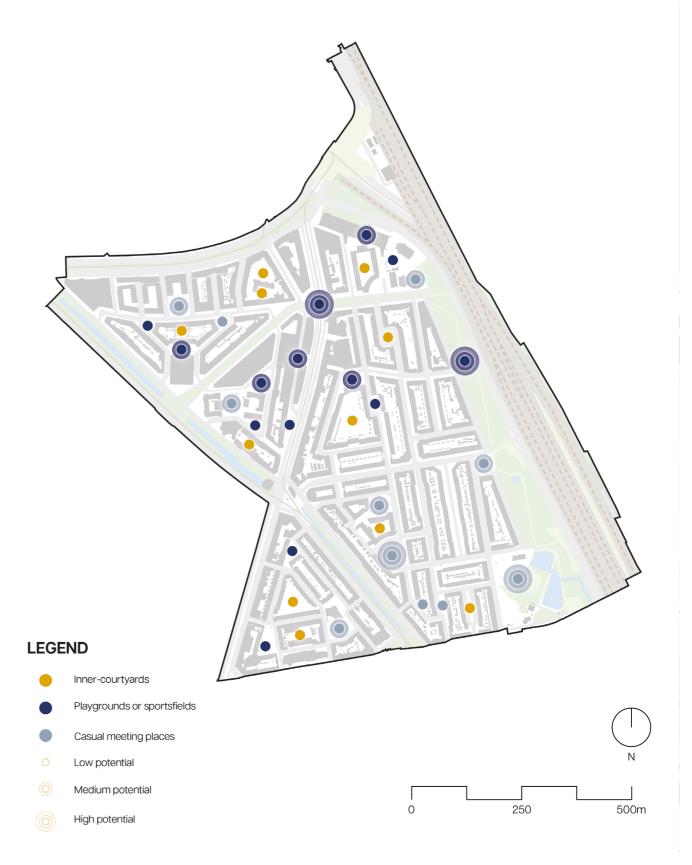


Energy vulnerabilities in Hillesluis

Indoor meeting places

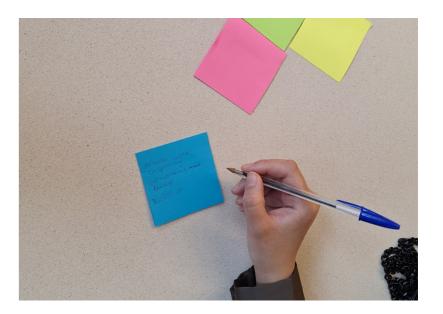


Outdoor meeting places

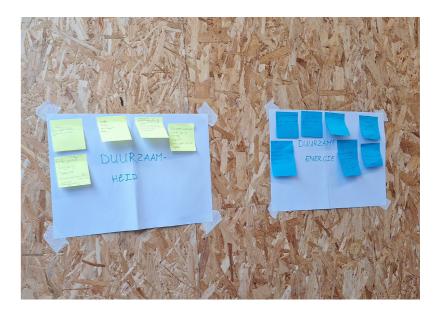


Co-creating a future vision for Hillesluis

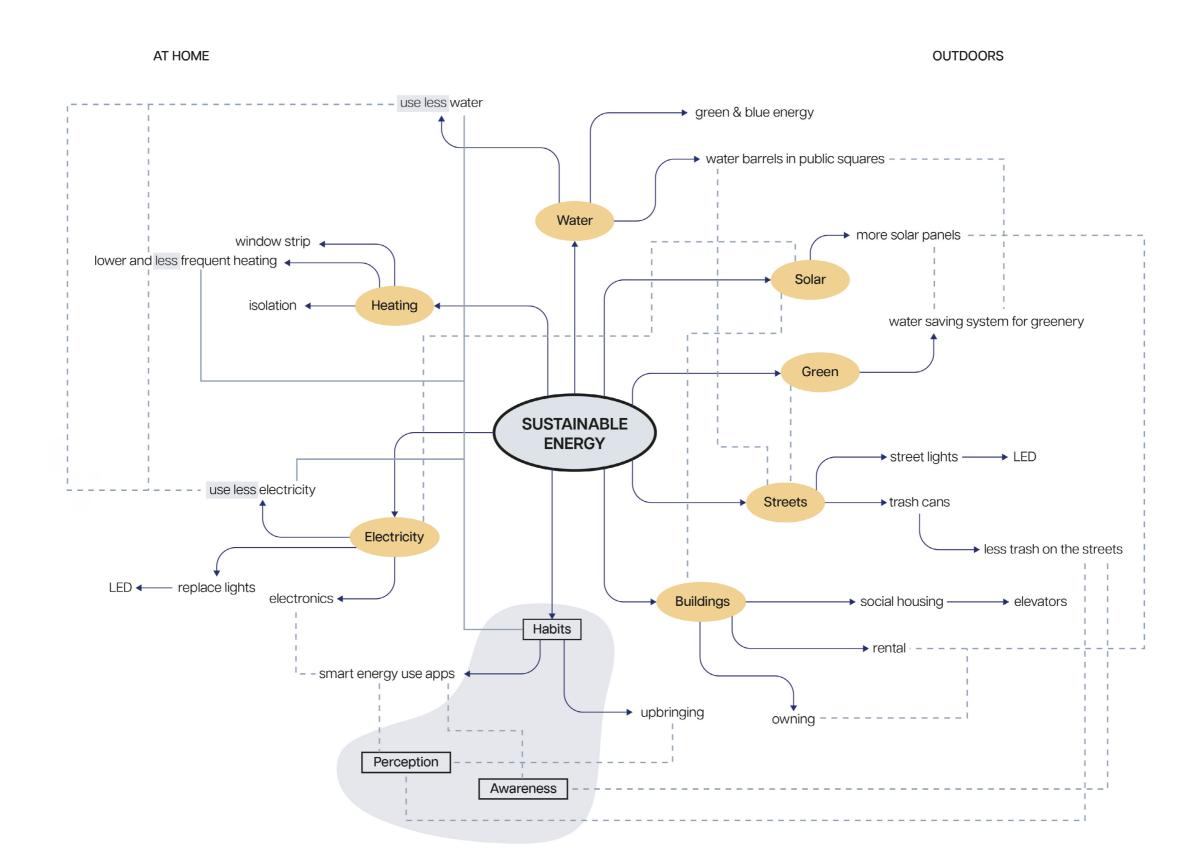




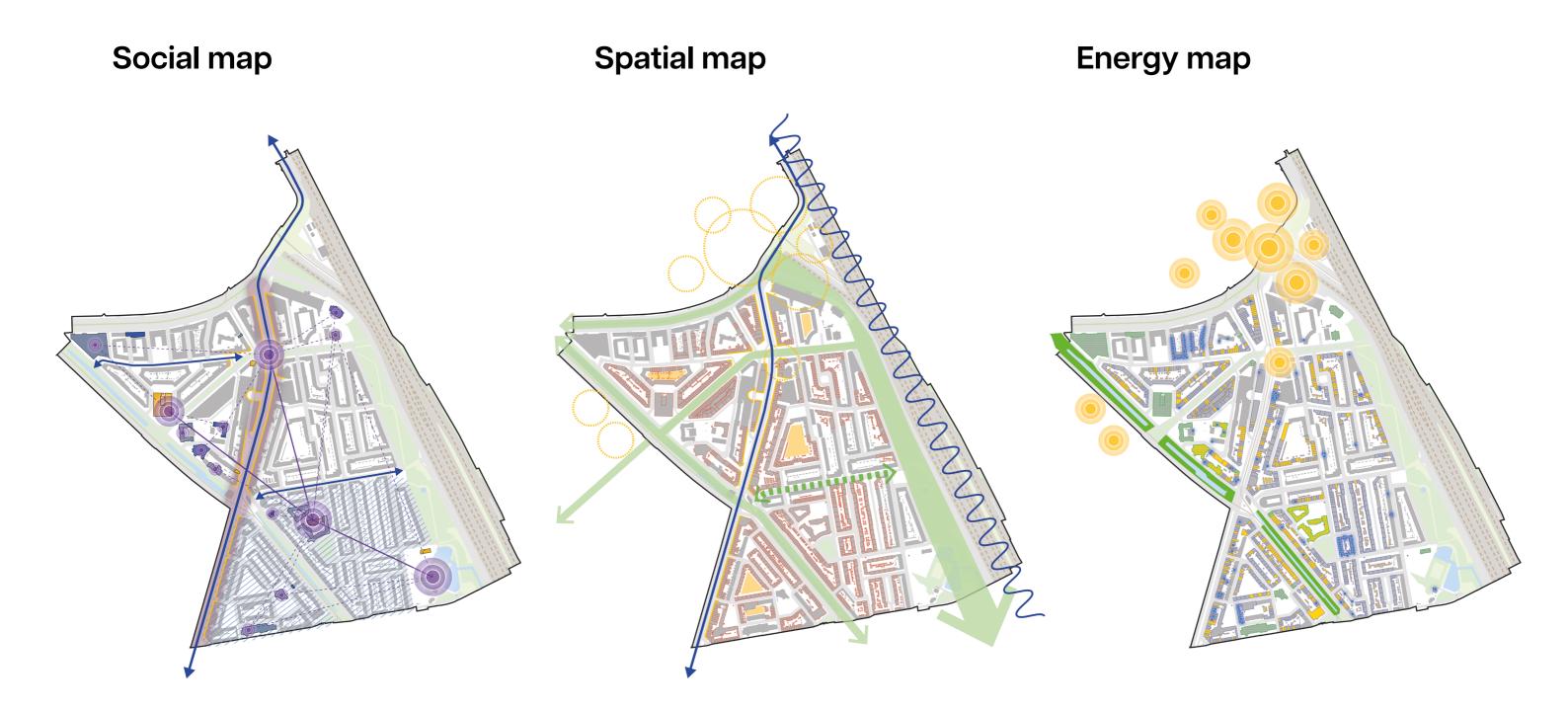




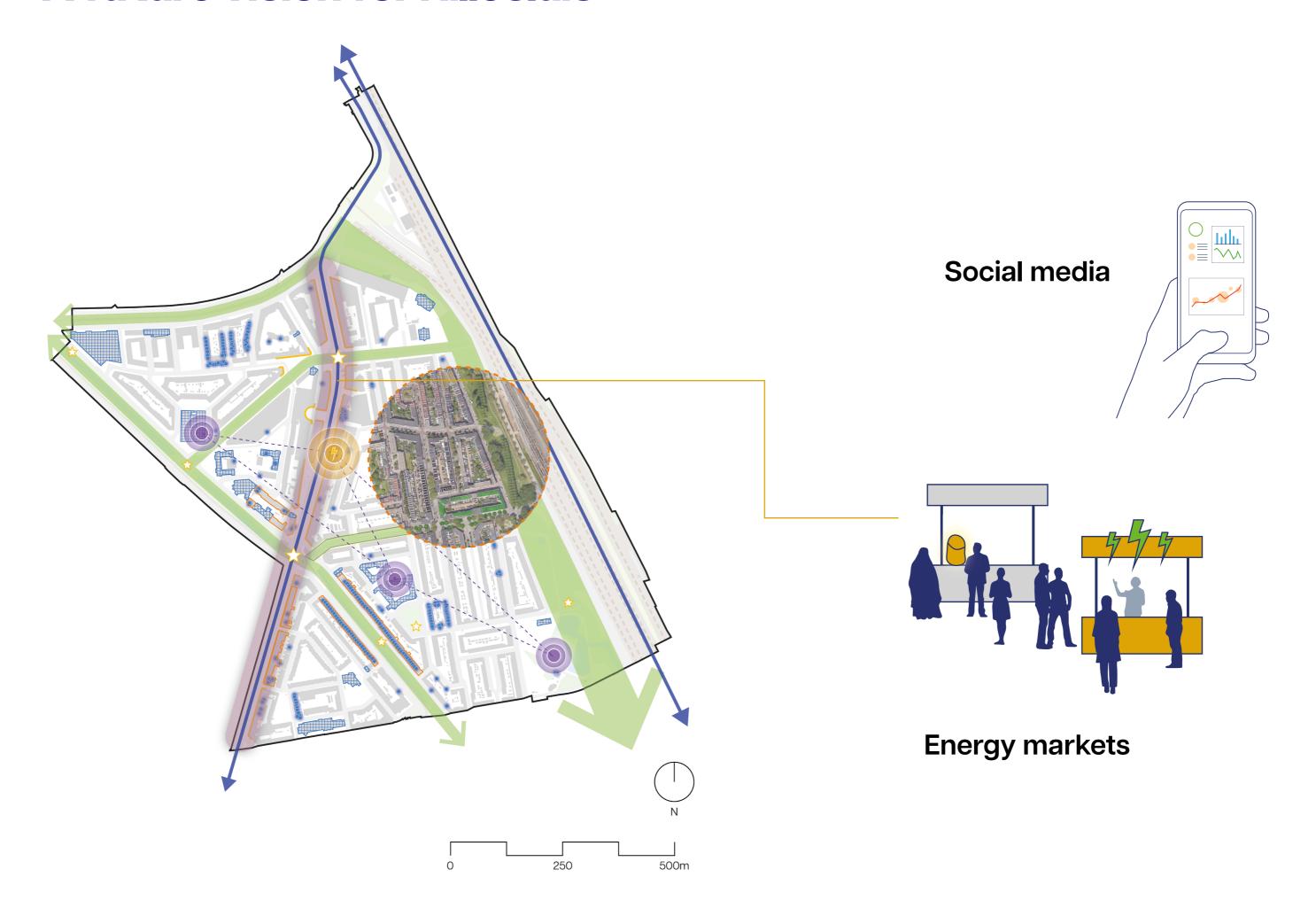
Session 1 results



Risk and opportunity maps



A future vision for Hillesluis



A future vision for Hillesluis



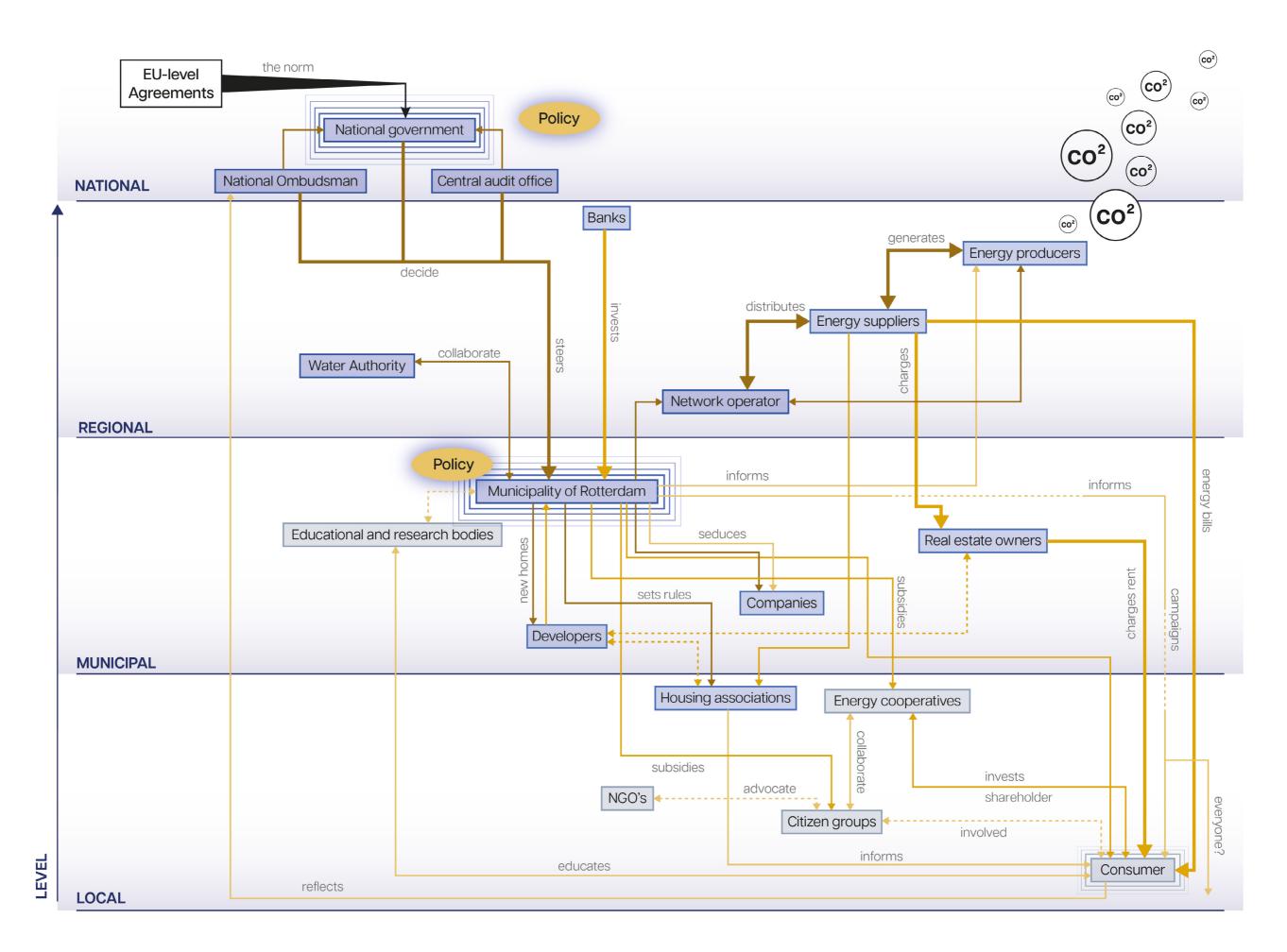
A future vision for Hillesluis



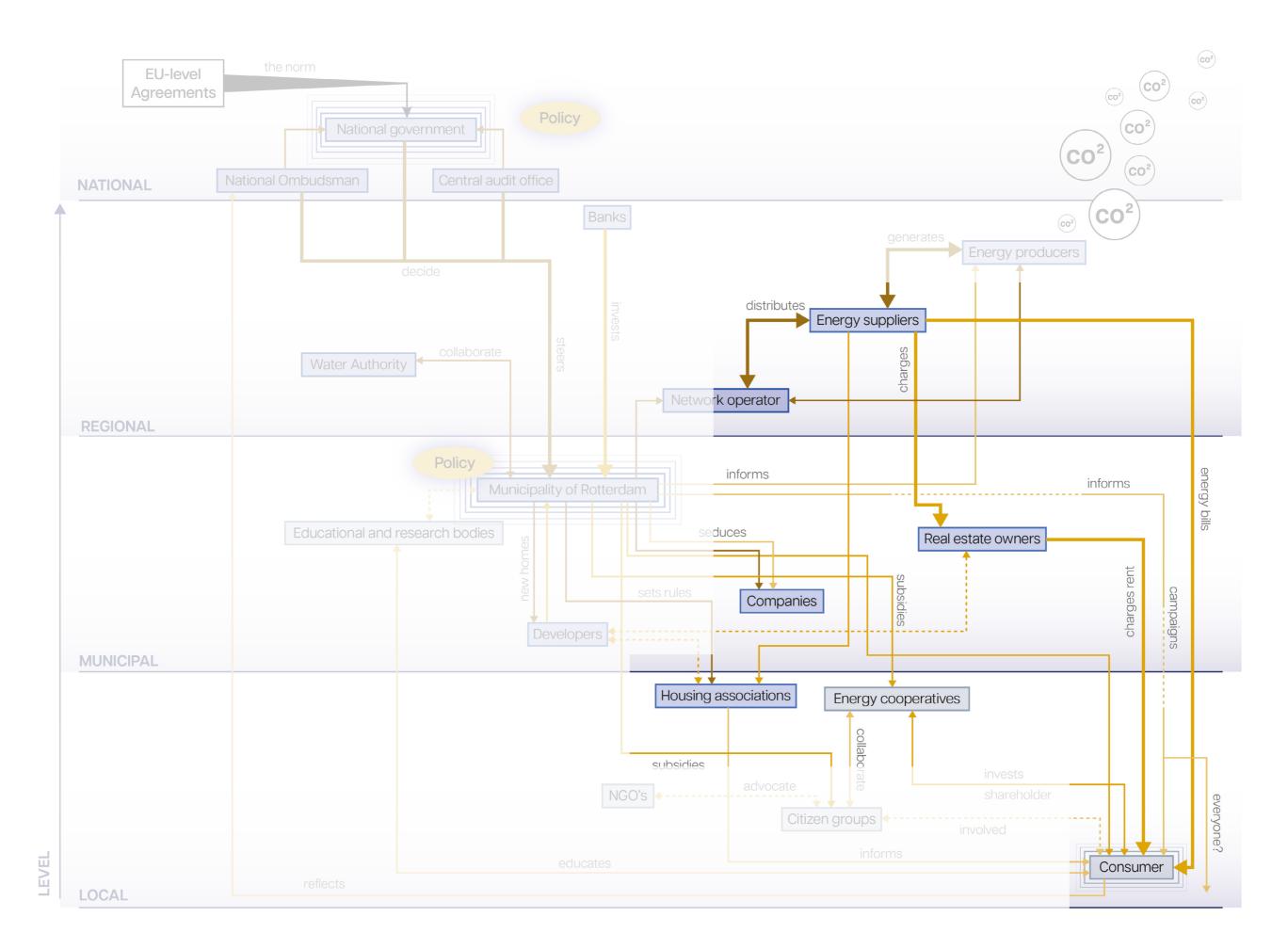
Energy hub



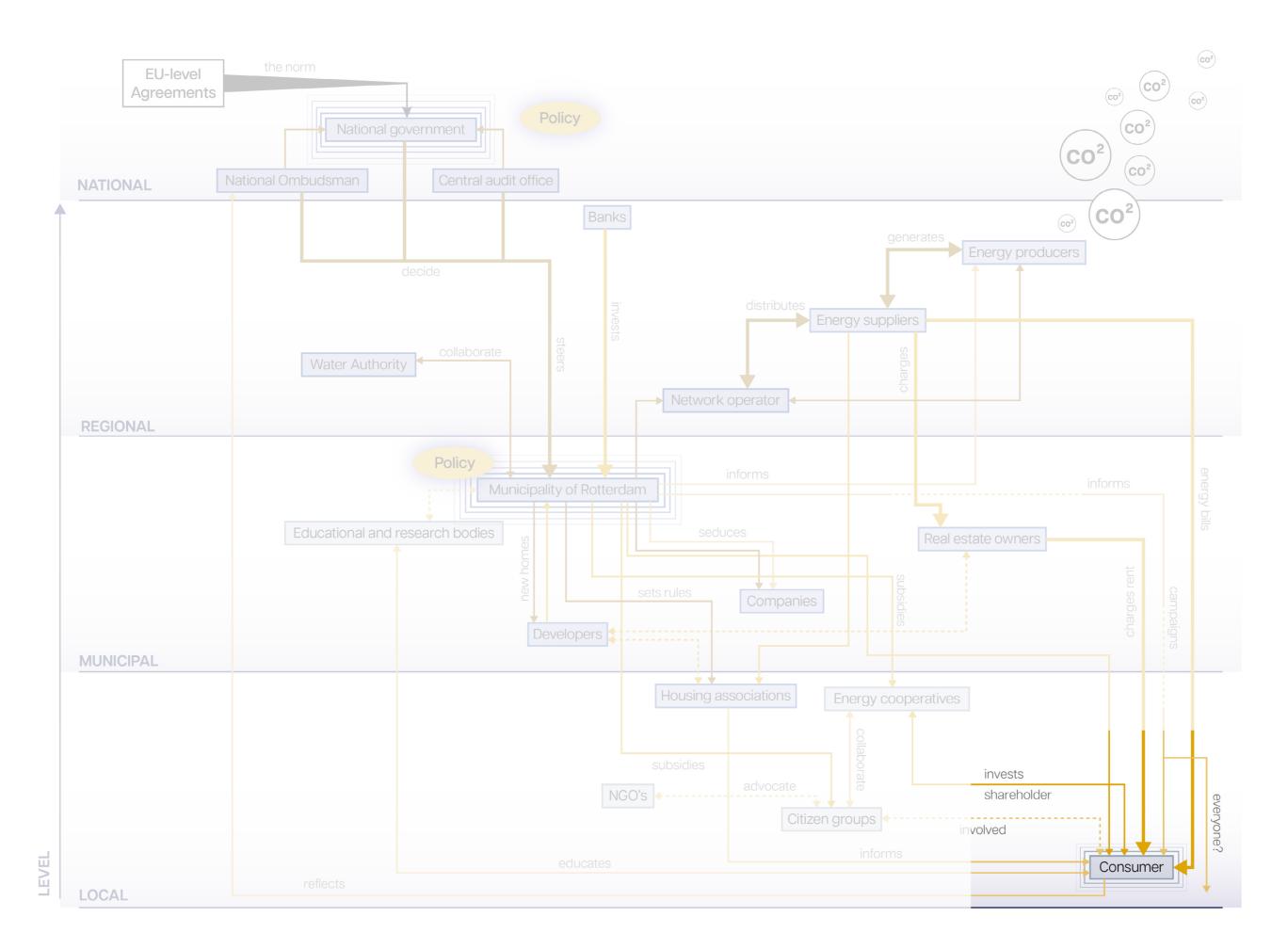
Governance of the energy transition in Rotterdam



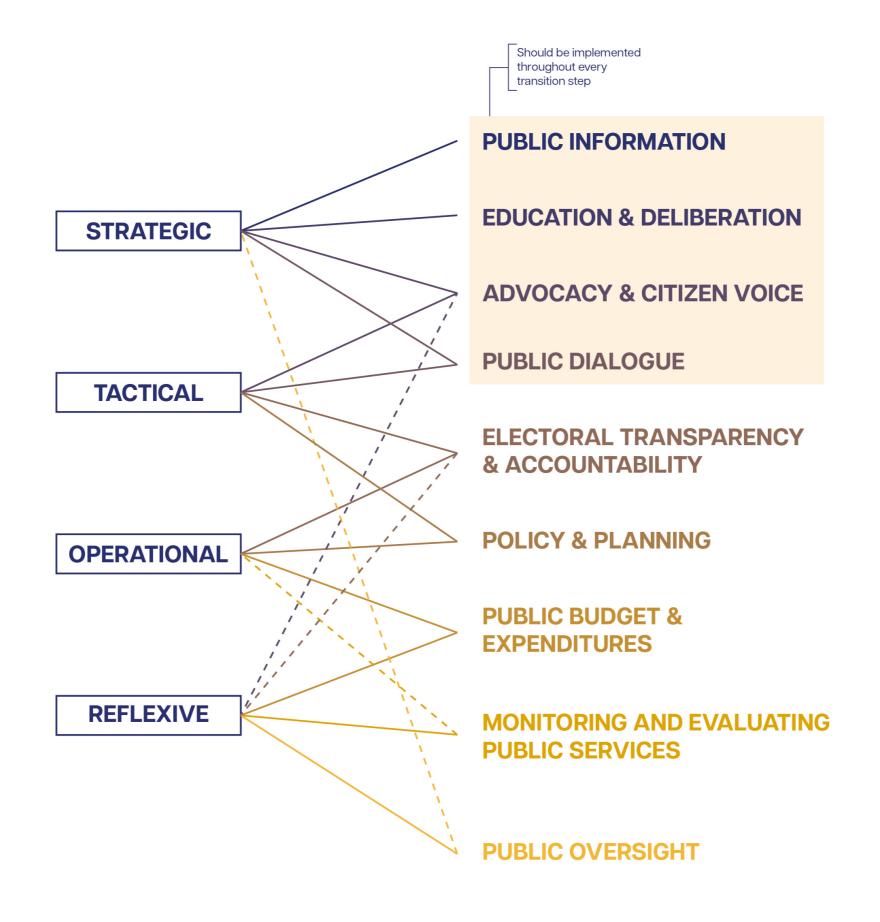
Governance of the energy transition in Rotterdam



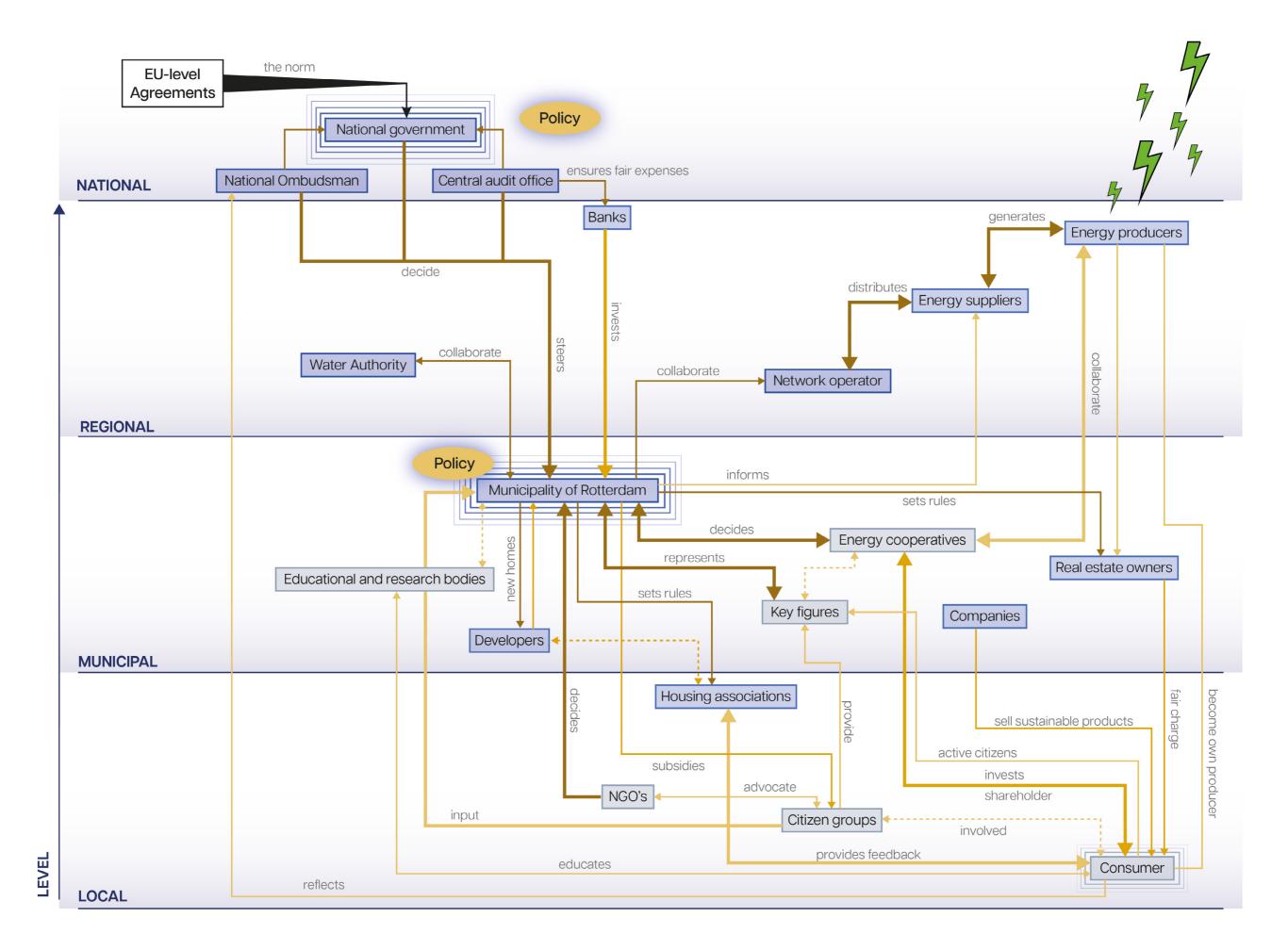
Governance of the energy transition in Rotterdam



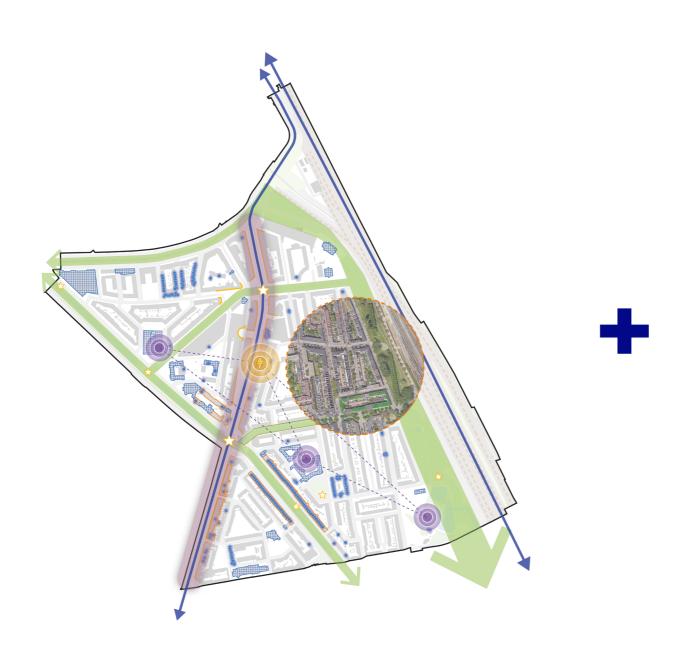
A new governance structure

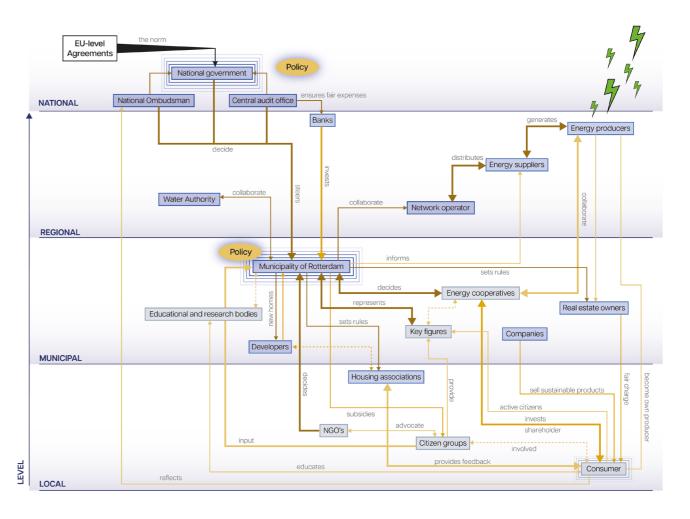


Participatory governance of the energy transition in Rotterdam

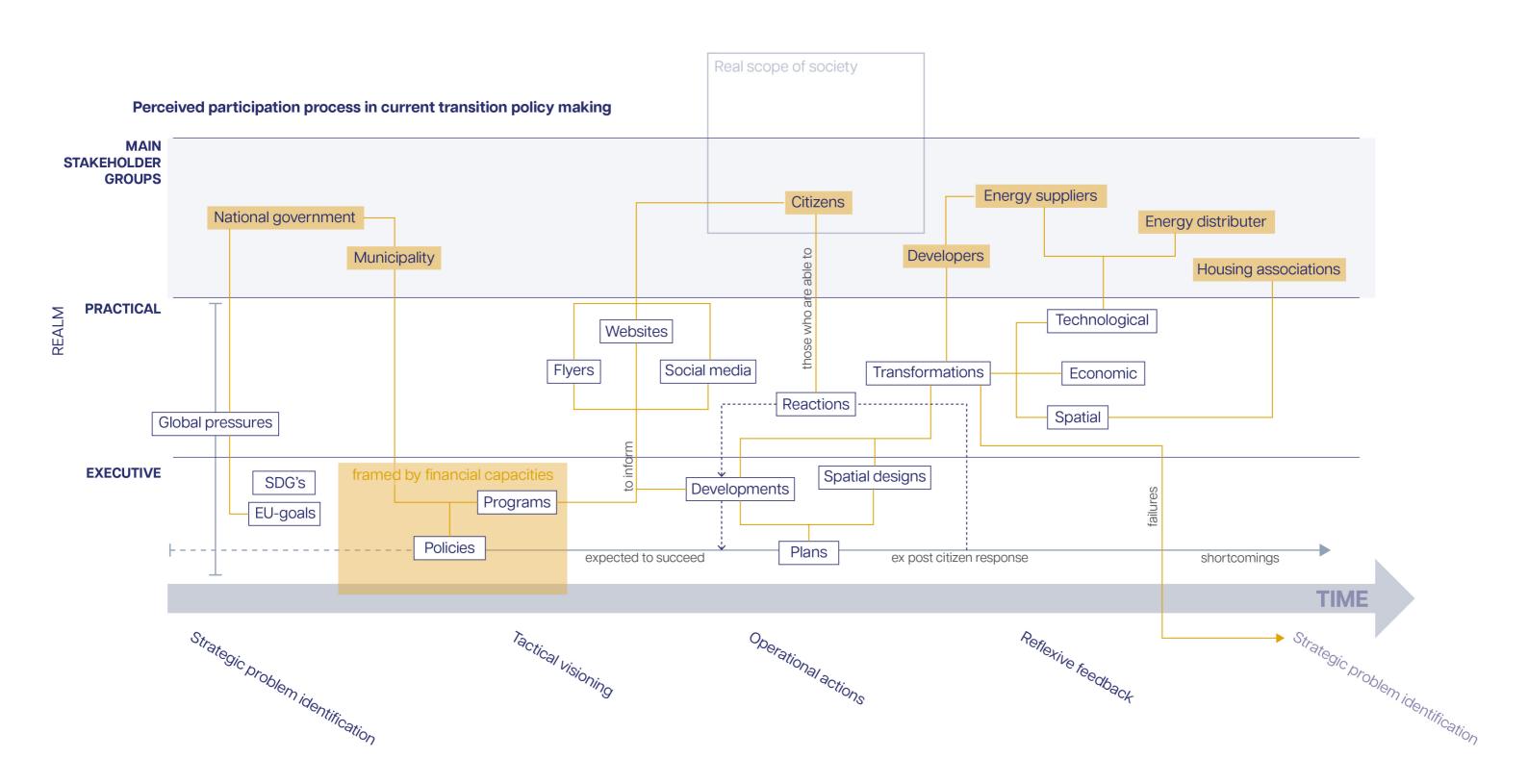


A good direction for Hillesluis?



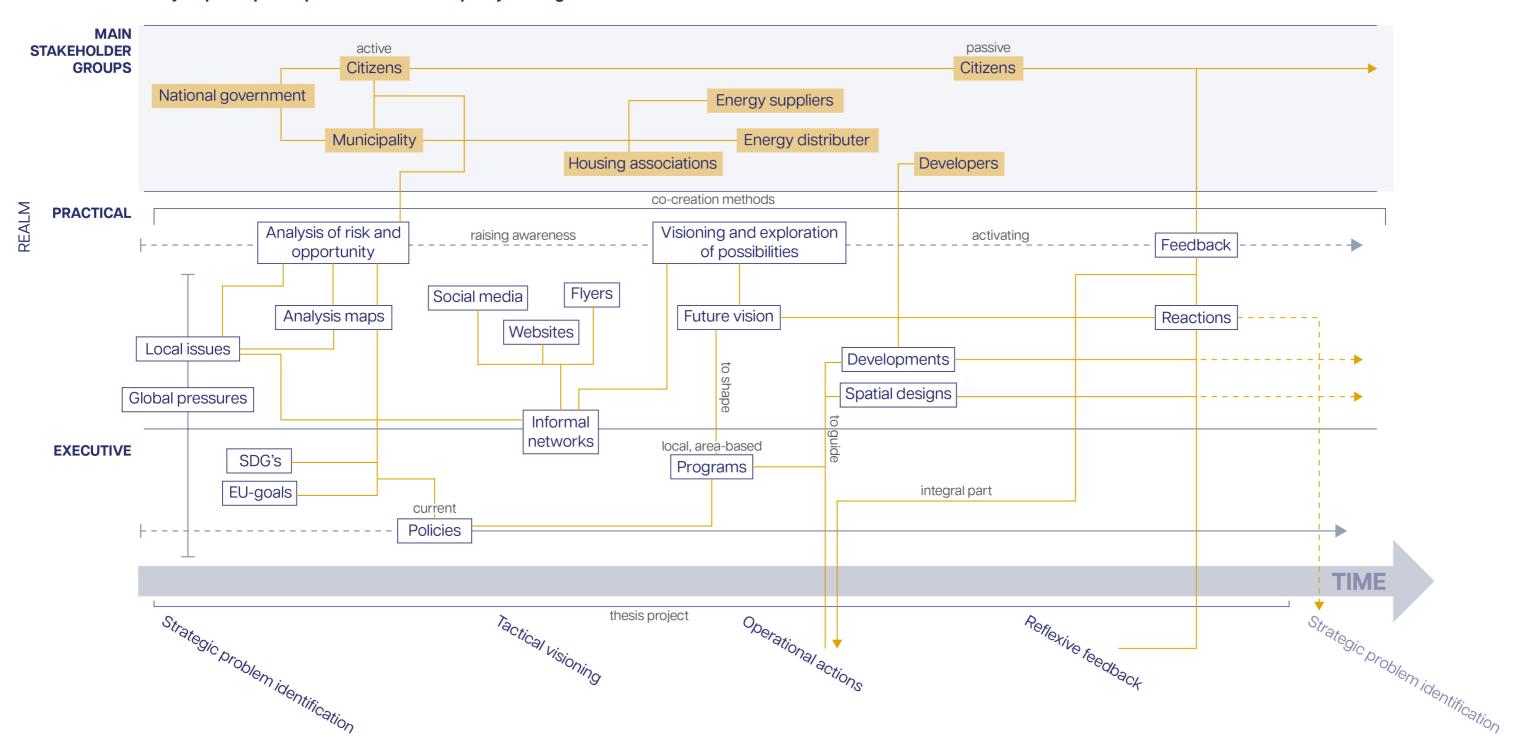


Participation process



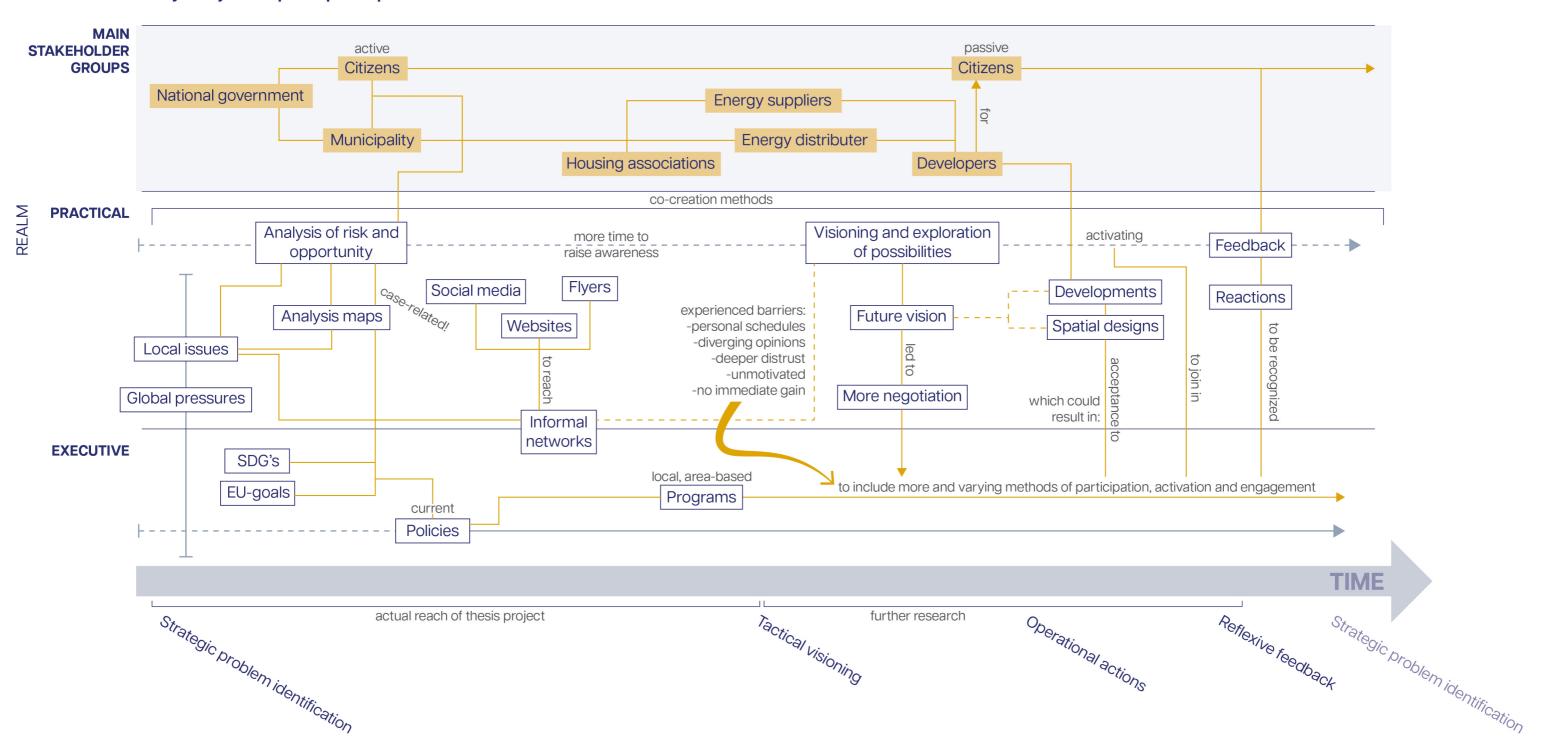
Participation process

Ideal and just participation process in transition policy making

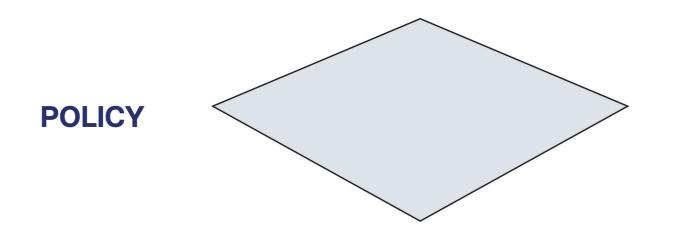


Participation process

Actual trajectory of the participation process in the case of Hillesluis

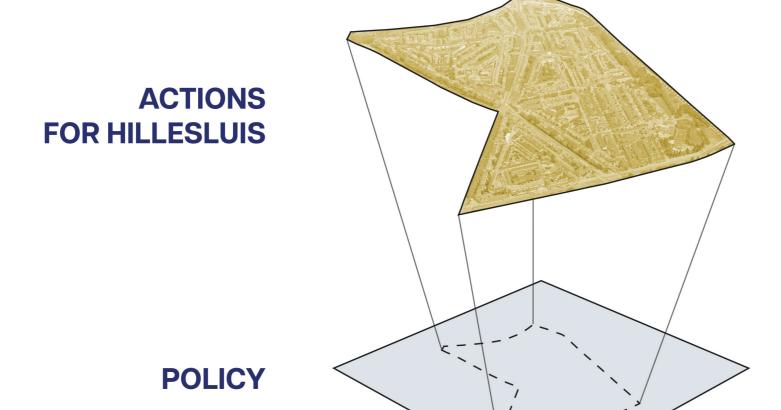


Recommendations



- -Recognize diverse capacities
- -Utilize and build upon local knowledge

Recommendations



- -Create events and spaces to learn
- -Activate to join in
- -Build programs from own experiences



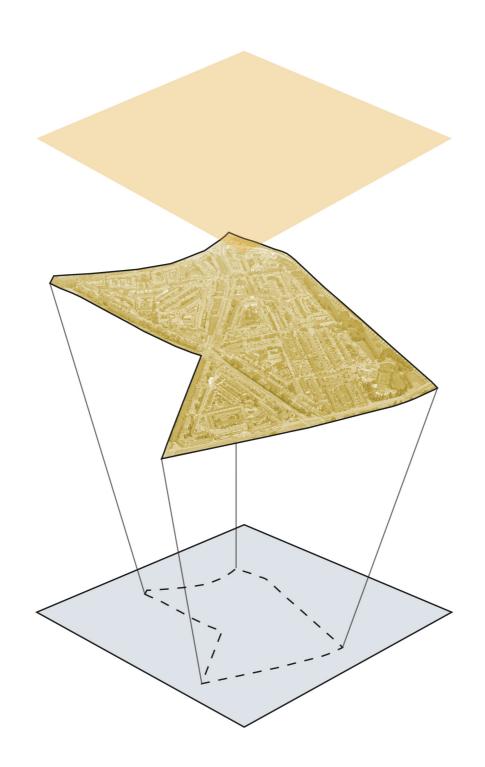
- -Recognize diverse capacities
- -Utilize and build upon local knowledge

Recommendations

PARTICIPATION PROCESS

ACTIONS FOR HILLESLUIS

POLICY



- -Weekly, monthly, yearly moments
- -Focus on raising awareness
- -Lowering the threshold to participate



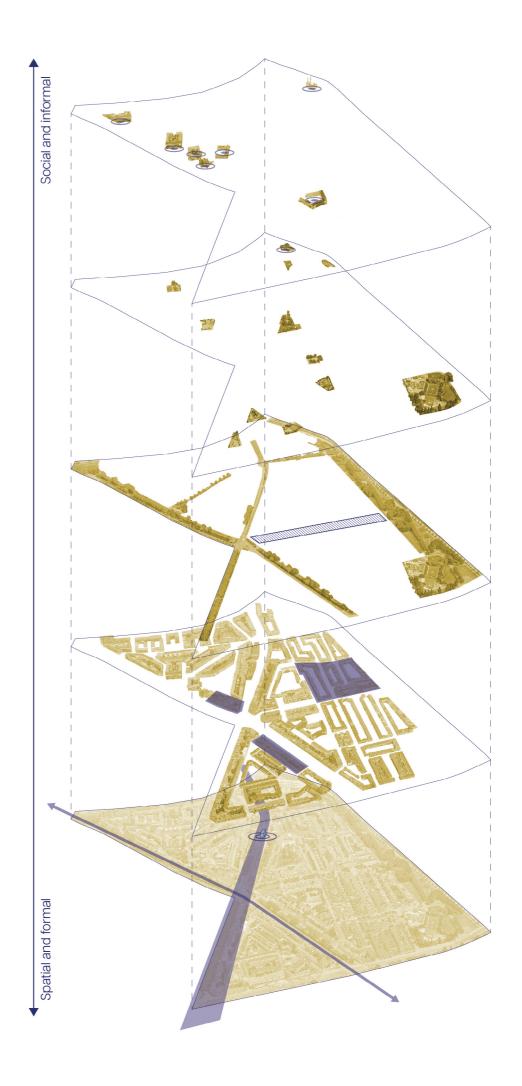
- -Create events and spaces to learn
- -Activate to join in
- -Build programs from own experiences



- -Recognize diverse capacities
- -Utilize and build upon local knowledge

Conclusion

How can participatory planning practices facilitate multi-actor collaborations between people, policy and innovation towards a spatially just energy transition in Hillesluis?

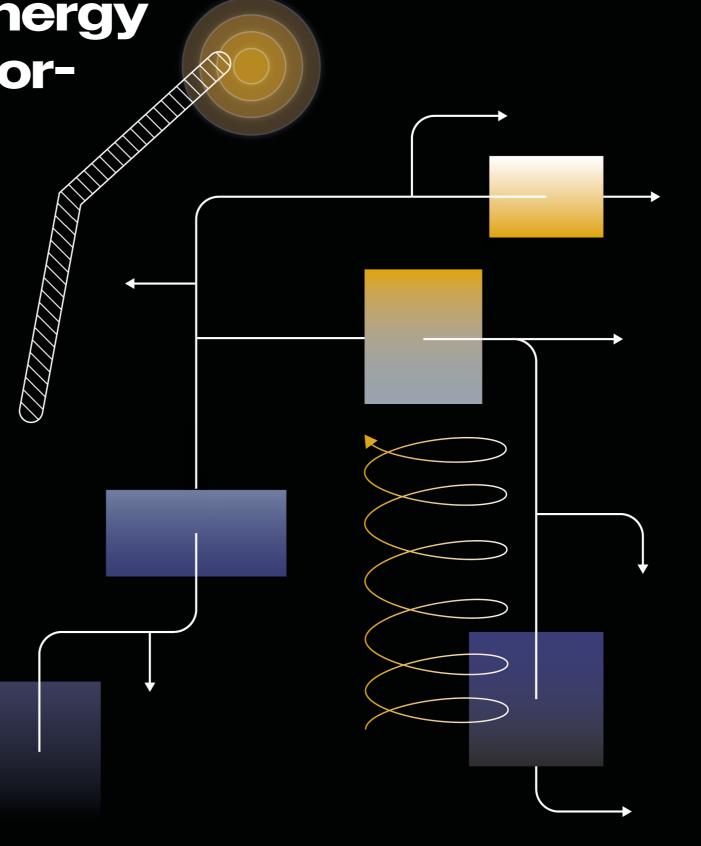


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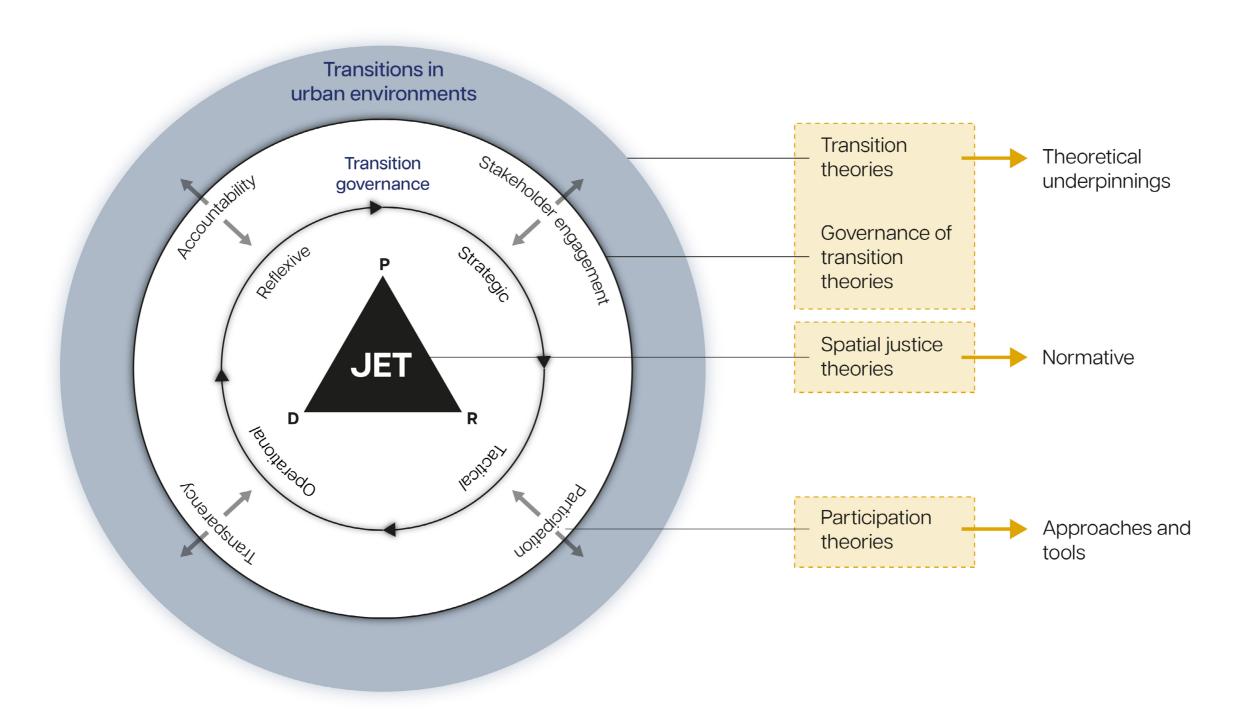
transitioning towards just energy futures in vulnerable neighborhoods in Rotterdam South.

Sophie van Hal MSc Urbanism P5 presentation

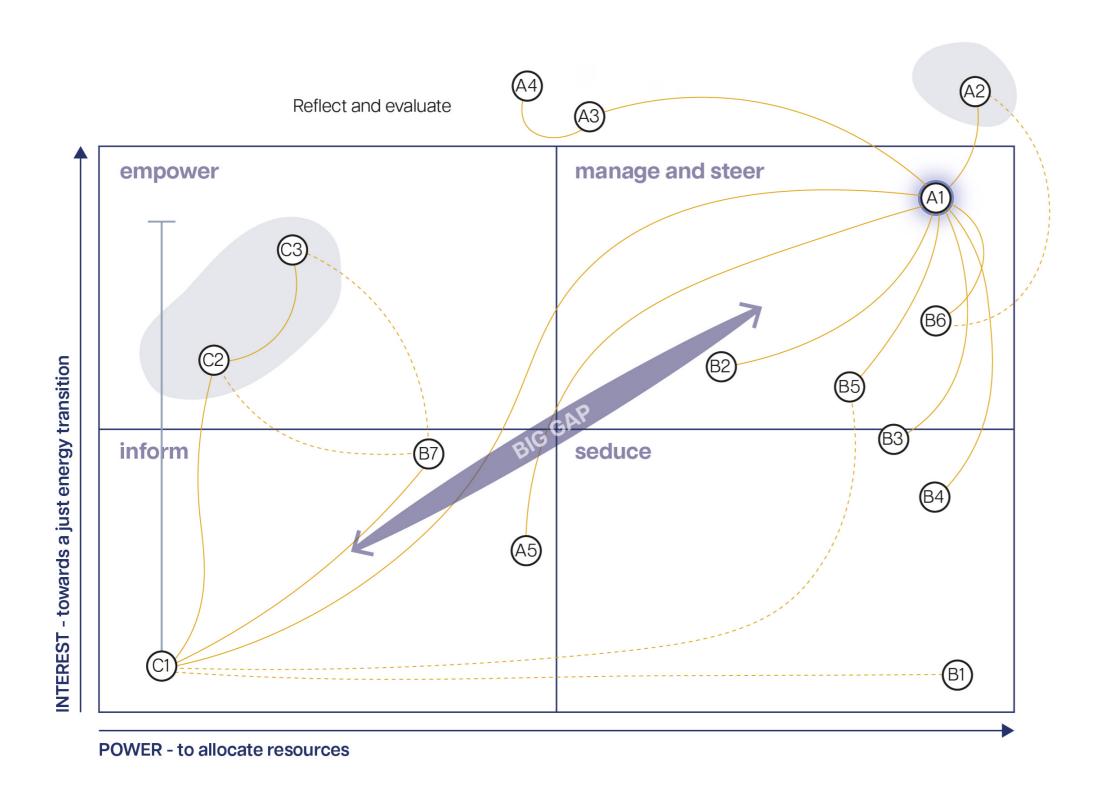
TU Delft 21-06-2024



Conceptual framework



Stakeholders in the energy transition in Rotterdam



	STAKEHOLDERS	
A - PUBLIC	(A1)	Municipality of Rotterdam
	(A2)	National government
	A3	National Ombudsman
	(A4)	Central audit office
	(A5)	Network Operator (Stedin)
	(A6)	Water Authority (Hoogheem- raadschap van Schieland en de Krimpenerwaard)
B - PRIVATE	B1)	Real estate owners
	B 2	Developers
	B 3	Energy suppliers
	B 4	Energy producers (mostly harbor)
	B 5	Housing associations (Woonstad)
	B6	Banks
	B7)	Companies
C- CIVIL SOCIETY	(C1)	Consumer (Individual citizen)
	© 2	NGO's/Citizen groups
	© 3	Energy cooperatives
	© 4	Educational and research bodies

Collaboration diagram

