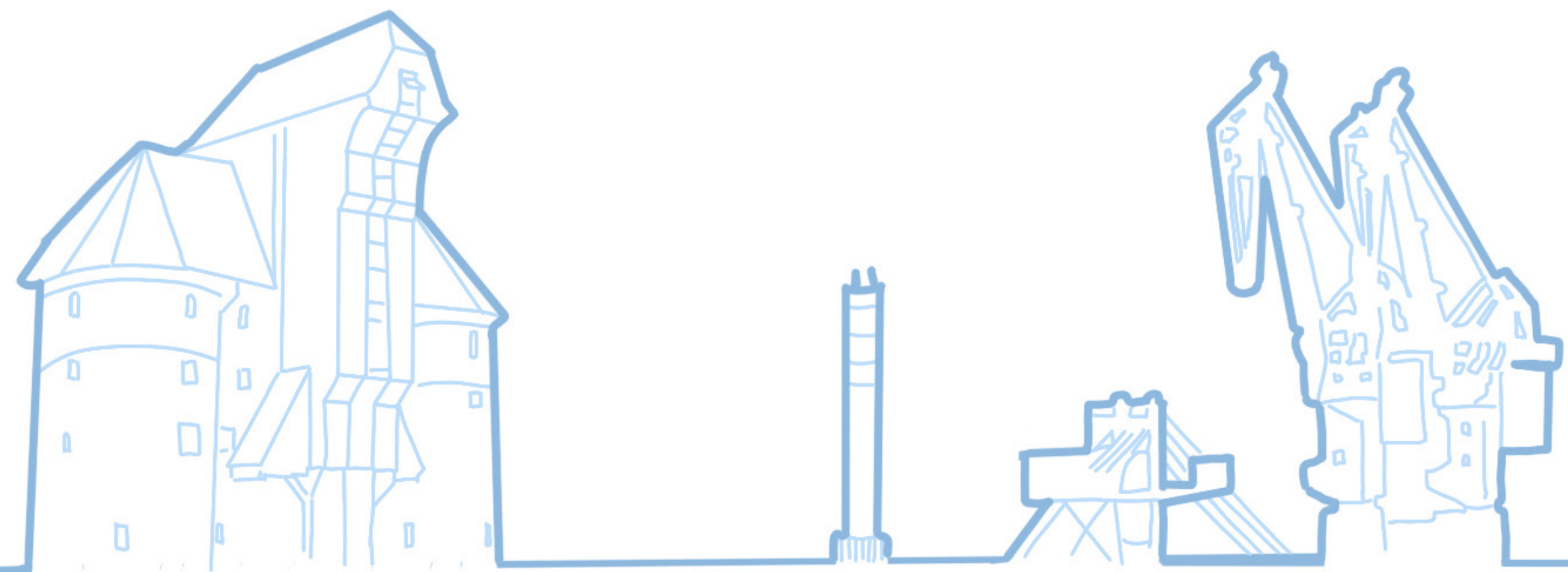
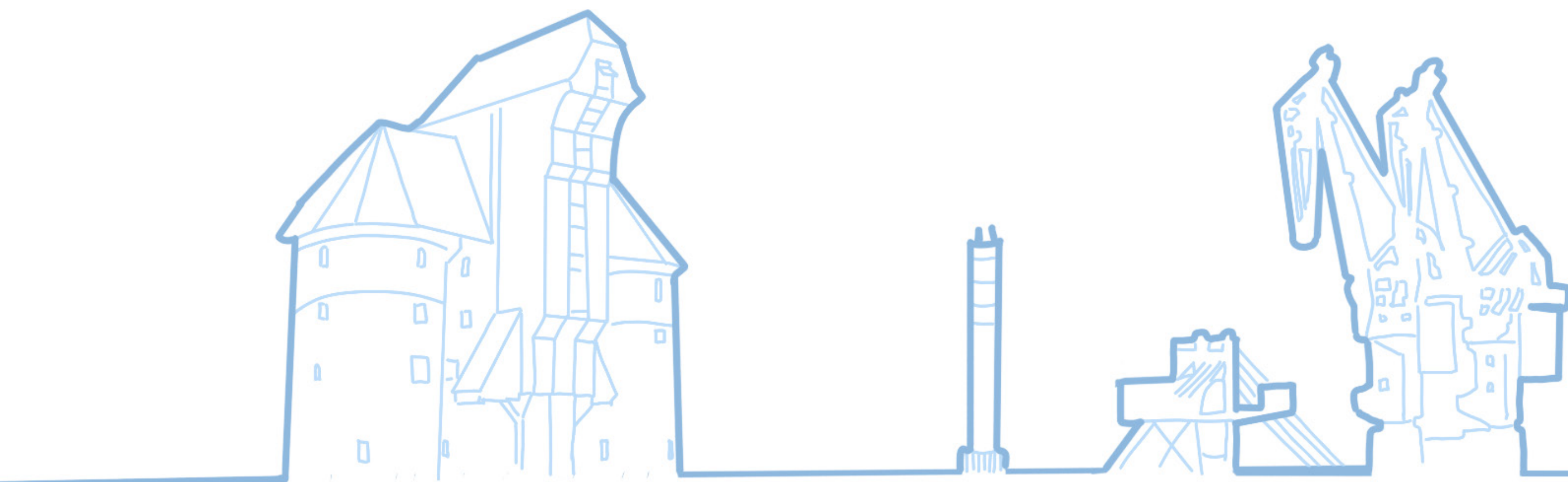




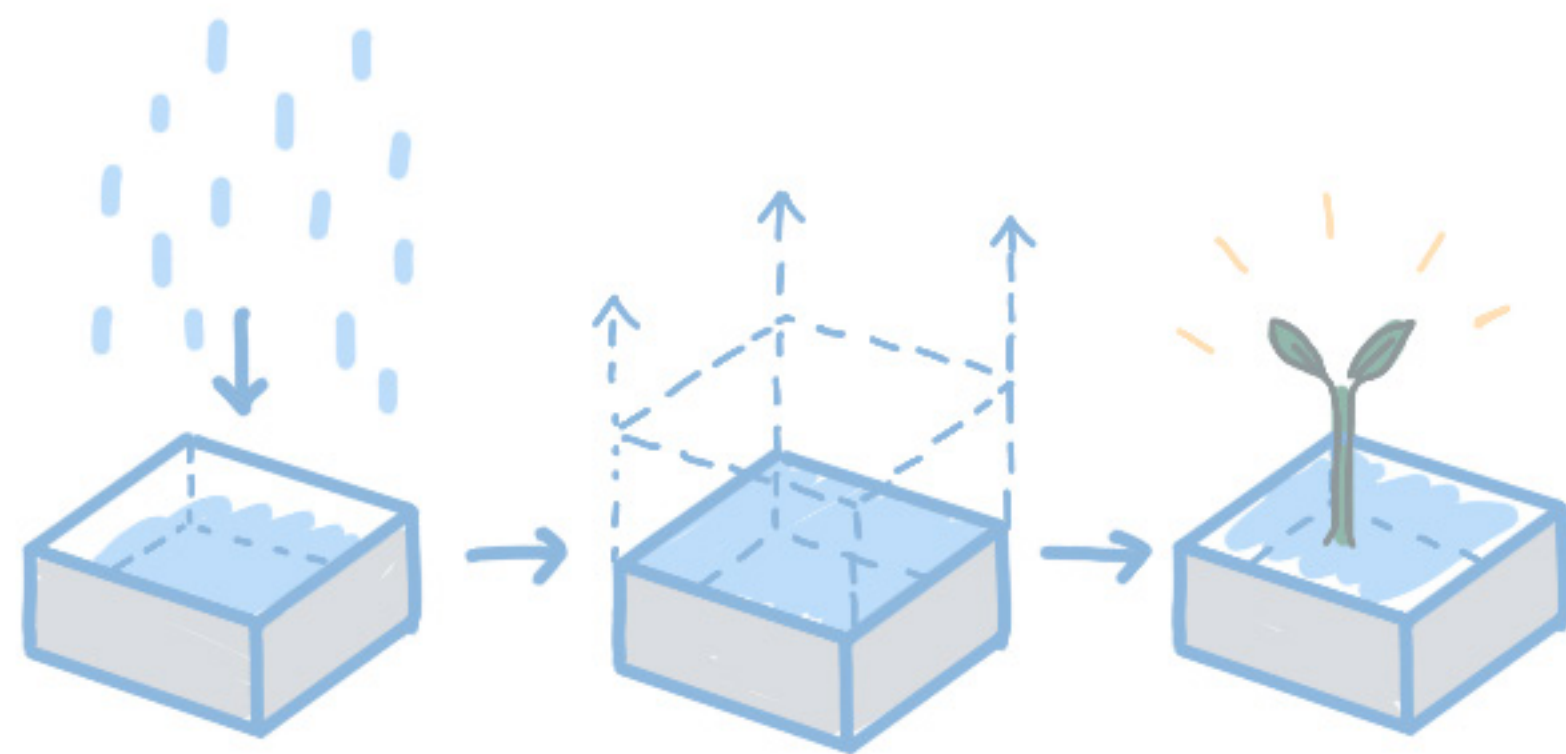
CONTAINING RESILIENCE

A MODERN COUNTERPART TO A HISTORIC ICON

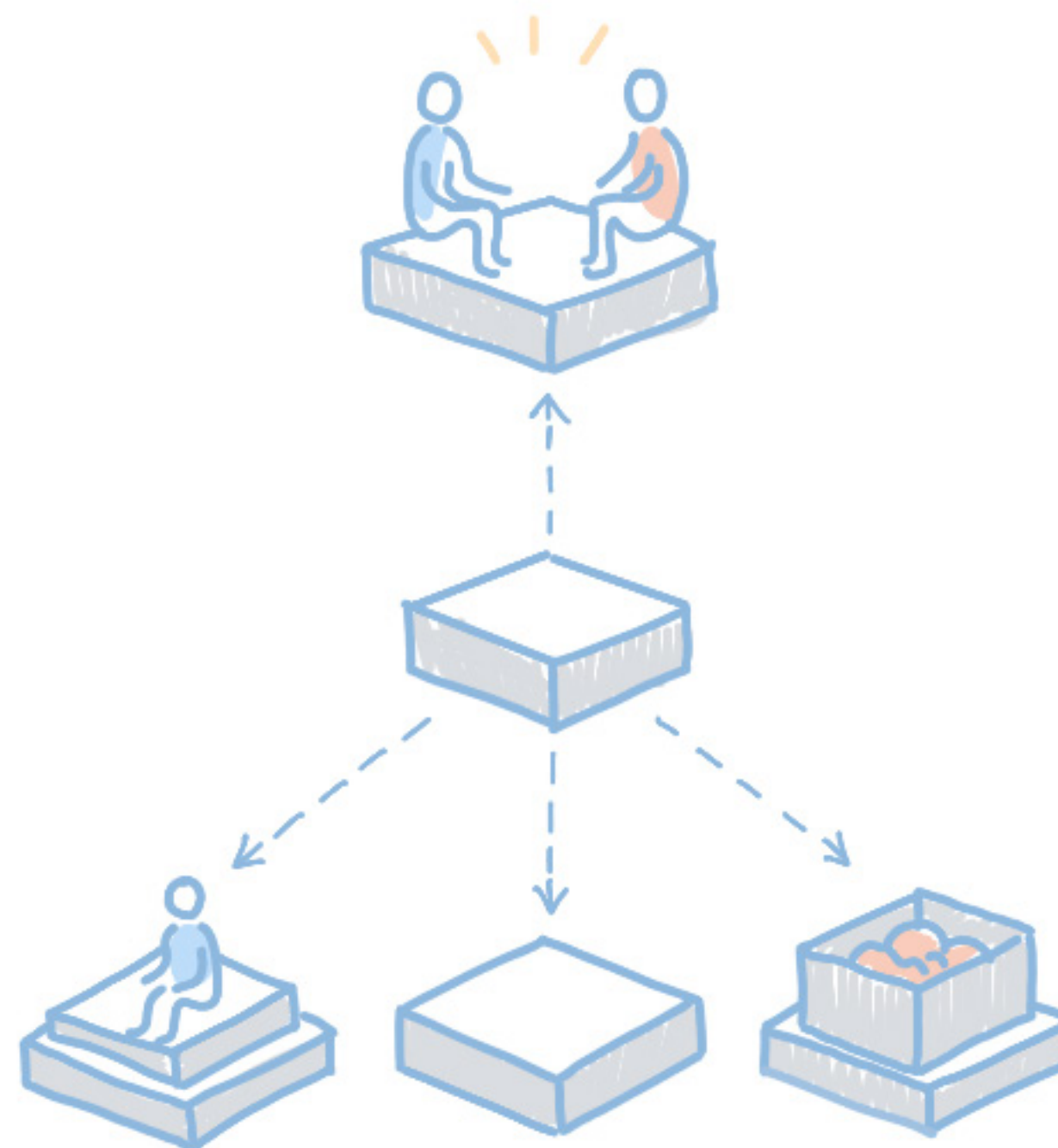
Hubert Wulbach, Efa Faschina, Ugnė Bačinskaitė, Polina Dovzhenko, Wiktoria Jędrusik



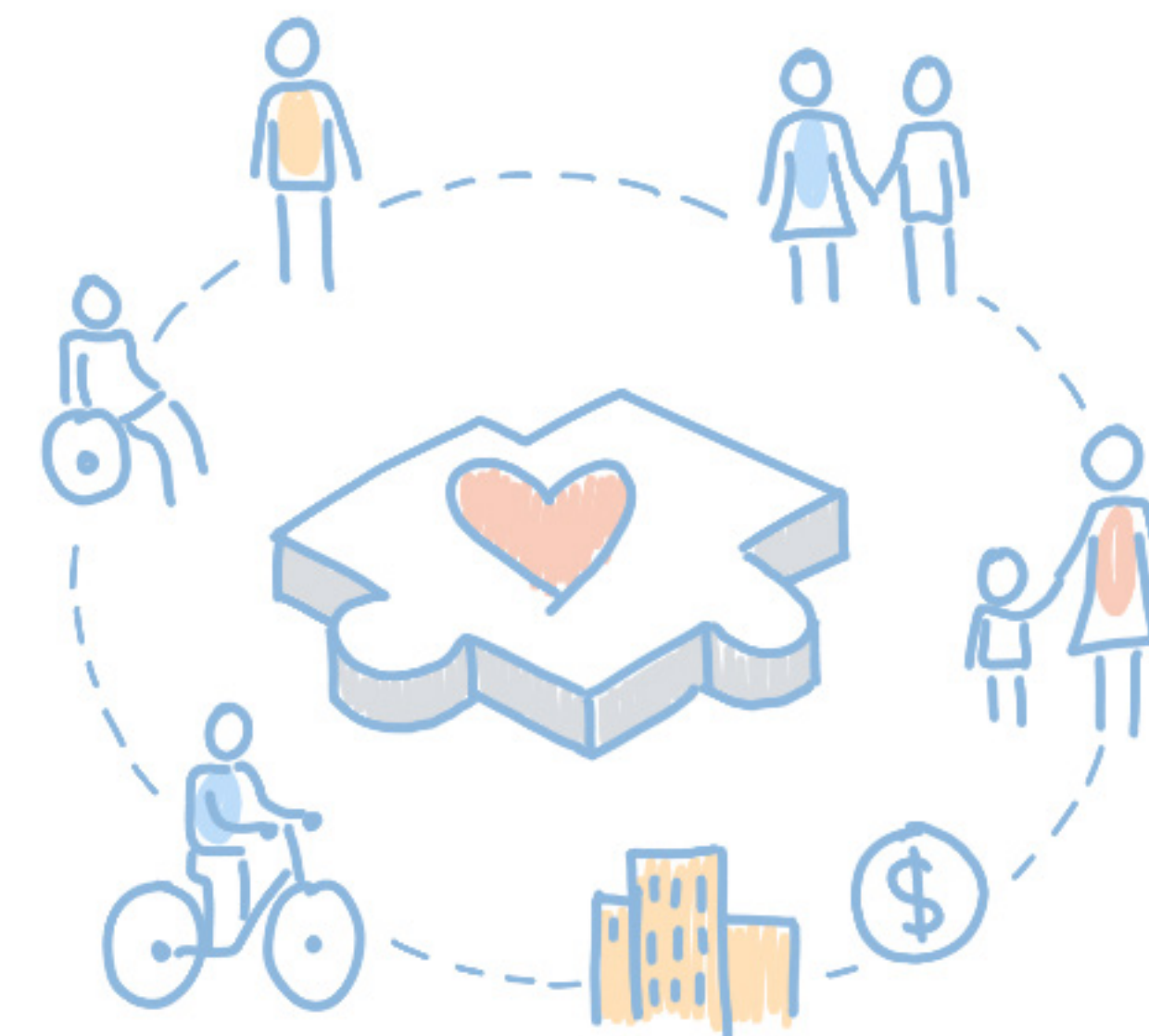
WHAT DOES RESILIENCE MEAN TO YOU?



**ABSORPTION AND
ADAPTABILITY**



**MULTIFUNCTIONALITY
AND DIVERSITY**



INCLUSIVITY





Westerplatte

Nowy Port

Stogi

Baltic Hub

Rudniki

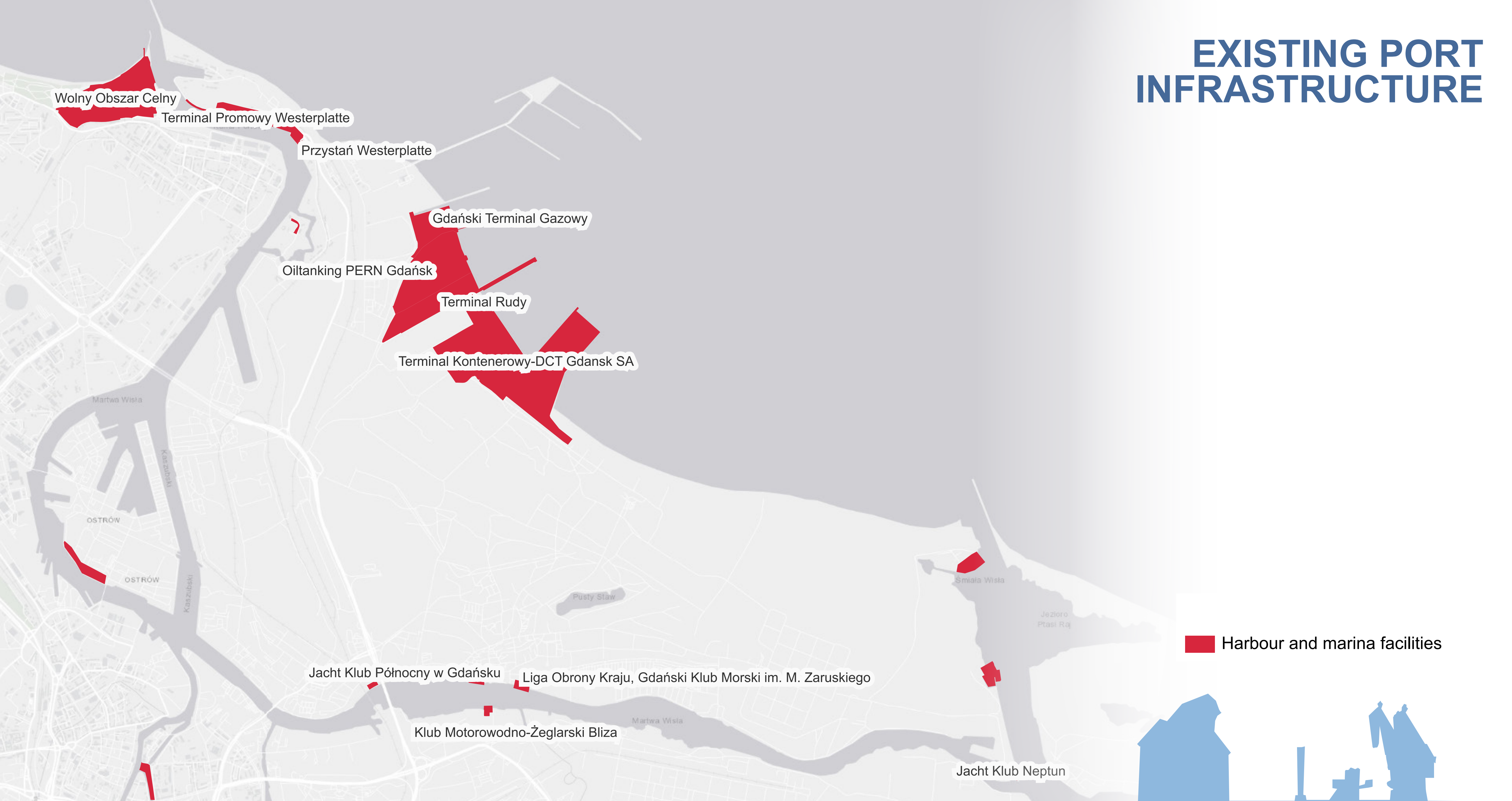
Plaža Stogi

Przeróbka

INDUSTRIAL BUILDING DOMINATED NEIGHBOURHOOD



EXISTING PORT INFRASTRUCTURE

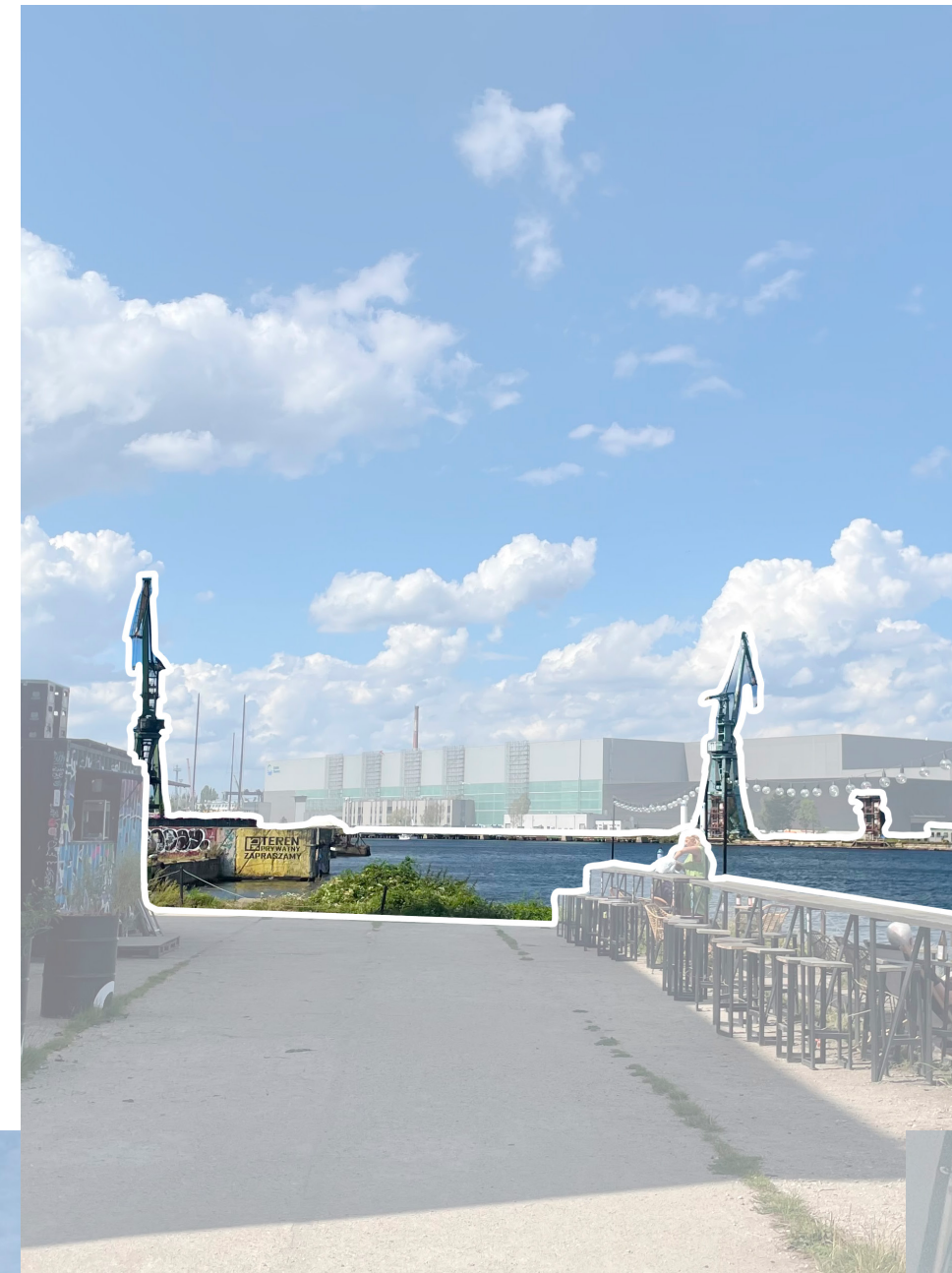


VISUAL LANDSCAPE ANALYSIS

- Strong visual identity - tall, repeated forms visible from far away, anchoring orientation and collective memory.
- Identity is visible but not inhabitable
Baltic Hubs' infrastructure separates everyday life from industrial imagery that defines the space.



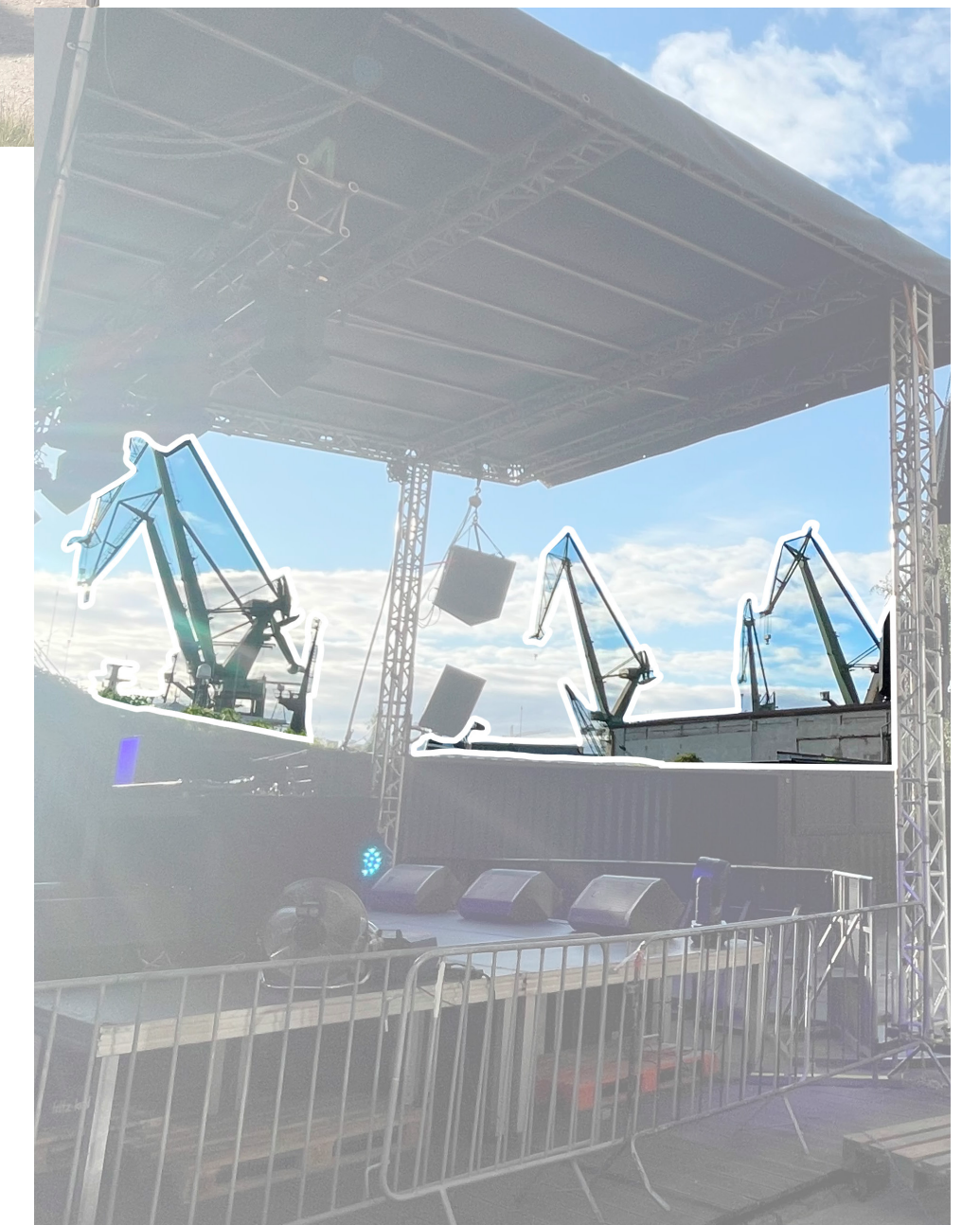
*Old town
by U. Bacinskaite*



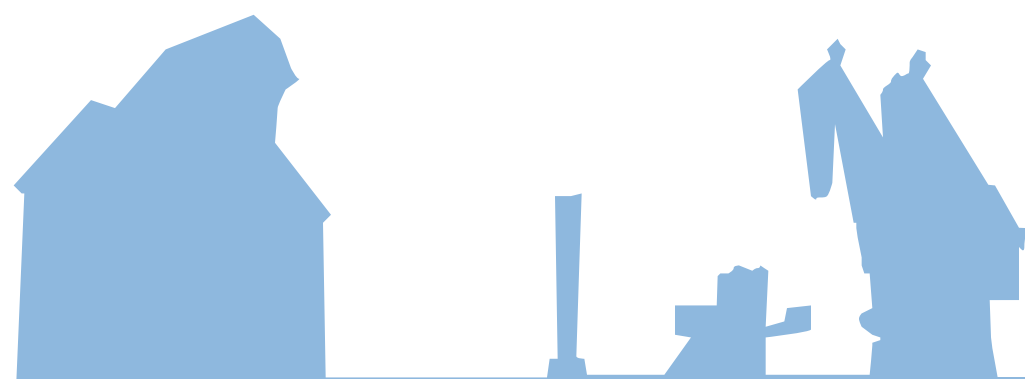
*Stocznia Gdańska
by E. Faschina*



*Baltic Hub
by U. Bacinskaite*



*Stocznia Gdańska
by E. Faschina*



S

1. Strong **civic identity based on solidarity**, freedom and maritime heritage.

2. Strategically **important port**, logistics and **industrial economy**.

3. **Strong local assets**: beaches, forests, water, heritage and public transport.

W

1. Ageing population and **population decline** in Stogi.

2. Exposure to flooding, **environmental nuisances** and infrastructural bottlenecks.

3. Sectoral governance and **separation of land-use and port planning**.

O

1. Development of Industry 5.0, the **energy transition** and **circular economy**.

2. Digitalisation enabling **new forms of cooperation** and preparedness.

3. Migration and **metropolitan growth** can bring new **skills** and **younger people**.

4. Strong **Baltic cooperation frameworks** are already in place.

T

1. **Climate change**, sea-level rise and extreme weather.

2. Geopolitical **instability** and disruption of critical infrastructure.

3. Port **expansion** and increasing competition for land.

4. Suburbanisation and growing **territorial inequalities**.



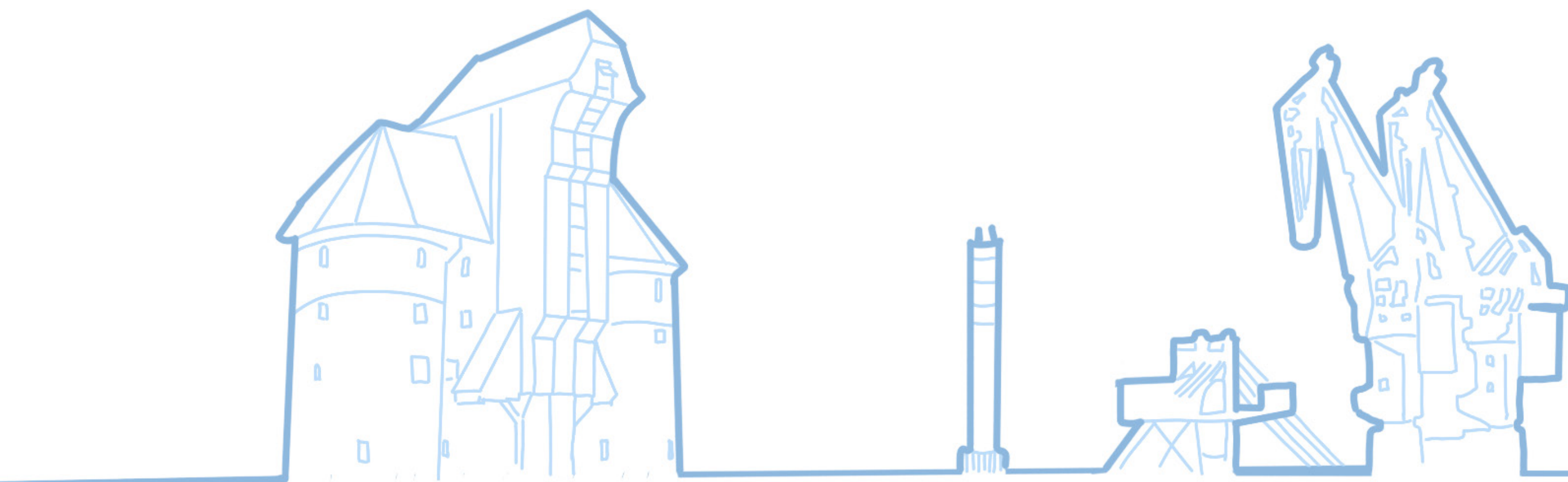
IDENTITY

-

CO-OWNERSHIP

-

UNITY

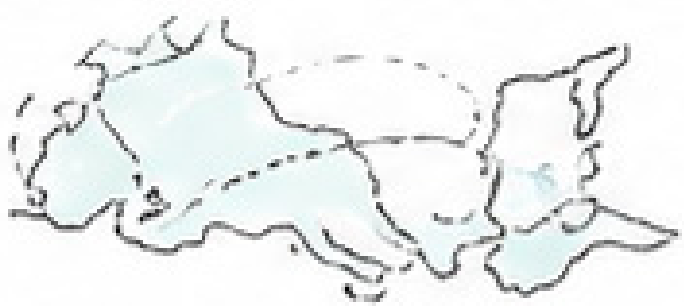


How can Gdańsk Port become a network of multifunctional neighbourhoods that connect everyday urban life with the port, using the character of shipping containers and cranes to create a strong local identity?

THEORETICAL EXPLANATION

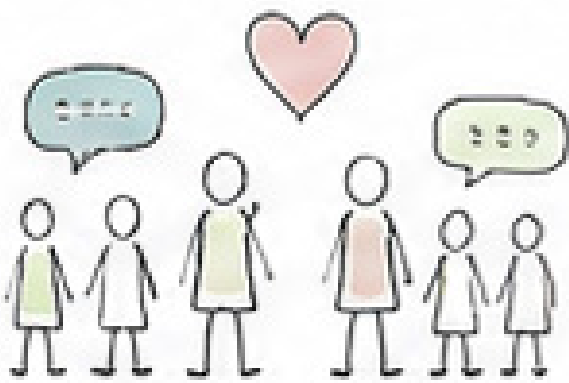
RESILIENT CITY / REGION / MACRO REGION

A strong sense of community builds cohesive local identities, while also **enabling alliances and networks** that generate wider societal benefits. (Mehmood, 2016).



COMMUNITY RESILIENCE

Community resilience is the **capacity of communities to cope with uncertainty, adapt** to socio-ecological change, and recover from disruptions (Sobhaninia et al., 2023).



TERRITORIAL RESILIENCE

A strong relationship to place strengthens people's sense of **security, agency and willingness to care for their environment** (Sobhaninia et al., 2023).



FLOWS OF PEOPLE

Urban design and planning can use **place identity** as a facilitator for resilience, creating spaces for **interaction, participation, co-creation and collective ownership** (Sobhaninia et al., 2023).



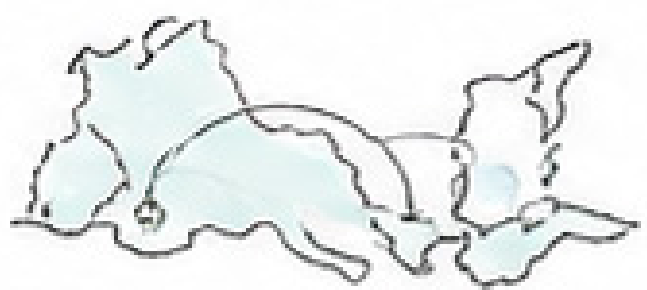
URBAN DESIGN



OUR INTERPRETATION

RESILIENT CITY / REGION / MACRO REGION

Withstanding change, rapid adaptation & recovery, transformability – preparing for the unknown



COMMUNITY RESILIENCE

Capacity for adaptation & recovery



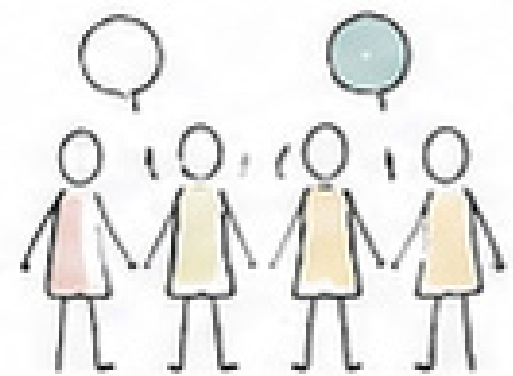
TERRITORIAL RESILIENCE

Sense of belonging, local patriotism, co-creation, sense of security, agency & ownership of space



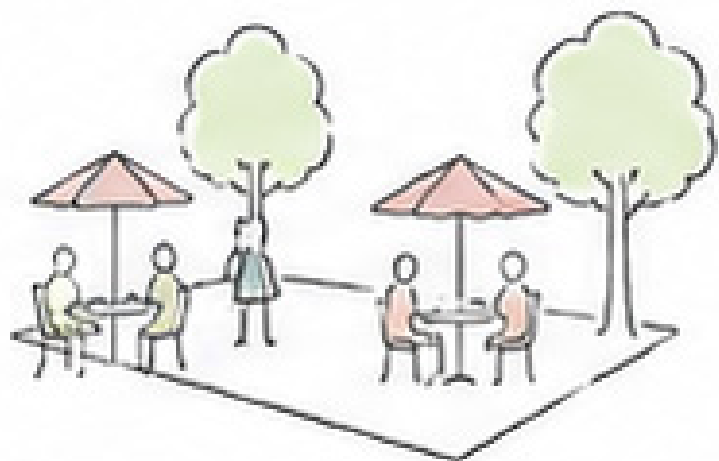
FLOWS OF PEOPLE

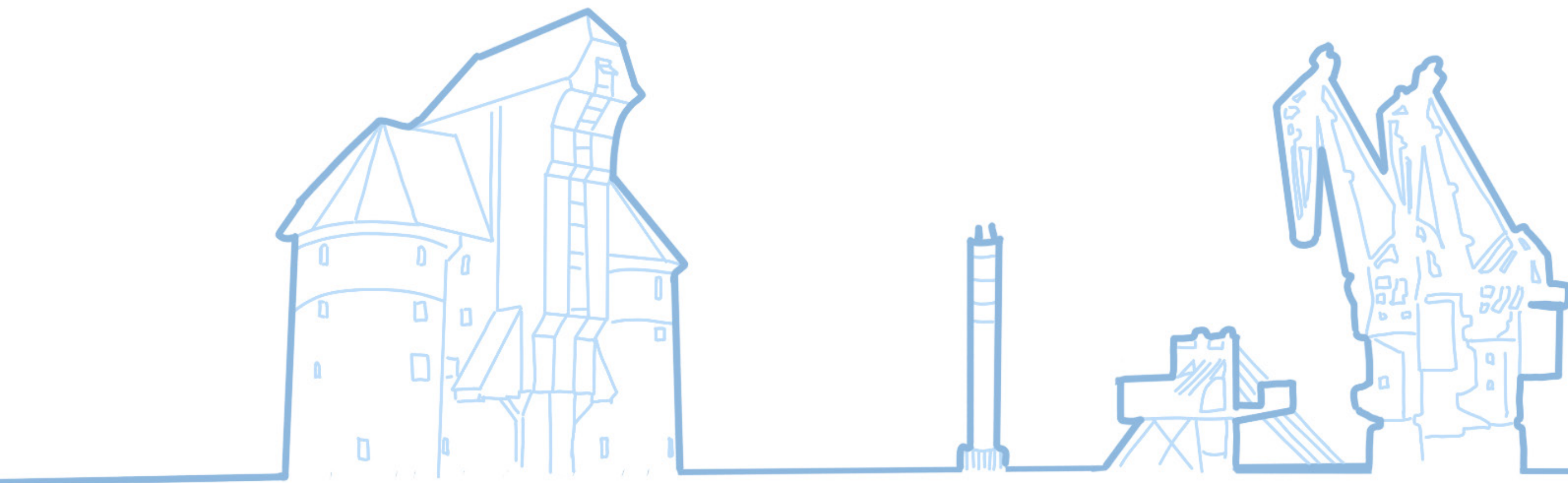
Interactions between people, collective activities, events, forming relationships



URBAN DESIGN

E.g. public space, meeting spots, services (bars, cafés) tionships

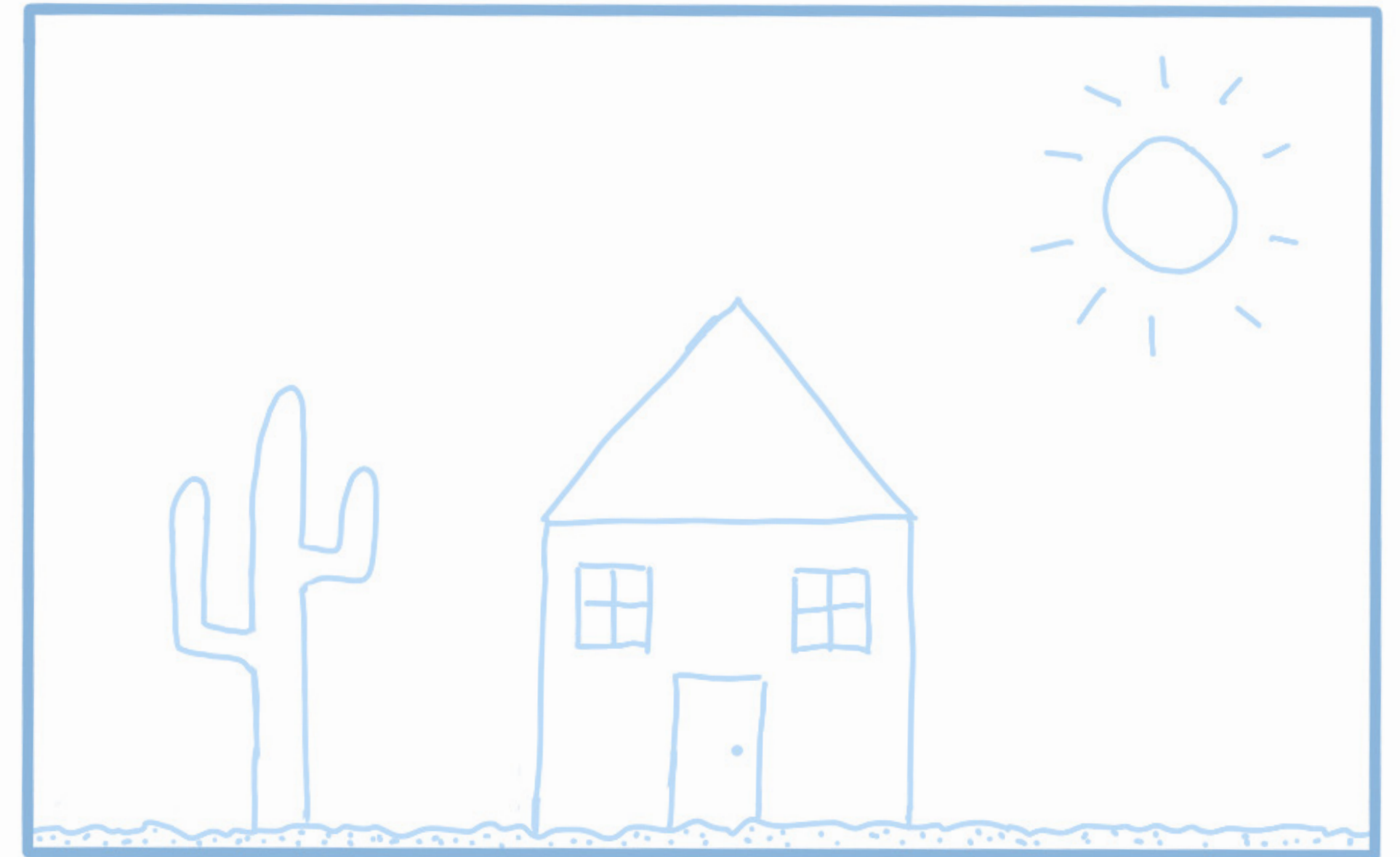




WHAT FORMS PLACE-BASED IDENTITY?



RIGA - LATVIA



TEXAS - USA



VOICES ON TERRITORIAL IDENTITY

Magnus Qvant - Nordic Urban Resilience Institute,
Jacek Zaucha - University of Gdansk,
Britta Bockhorn - ARL

“As soon as I have the feeling that I can **influence** the place where I live, I feel **connected** to it.”

“**Spatial planning** shapes territorial identity because it influences how places and landscapes look and function.”

“You [need to] have some **responsibilities** actually, like [to not be] so anonymous, because you have some role.”

“It is about **breaking the silos** and connecting experiences, understandings and knowledge.”

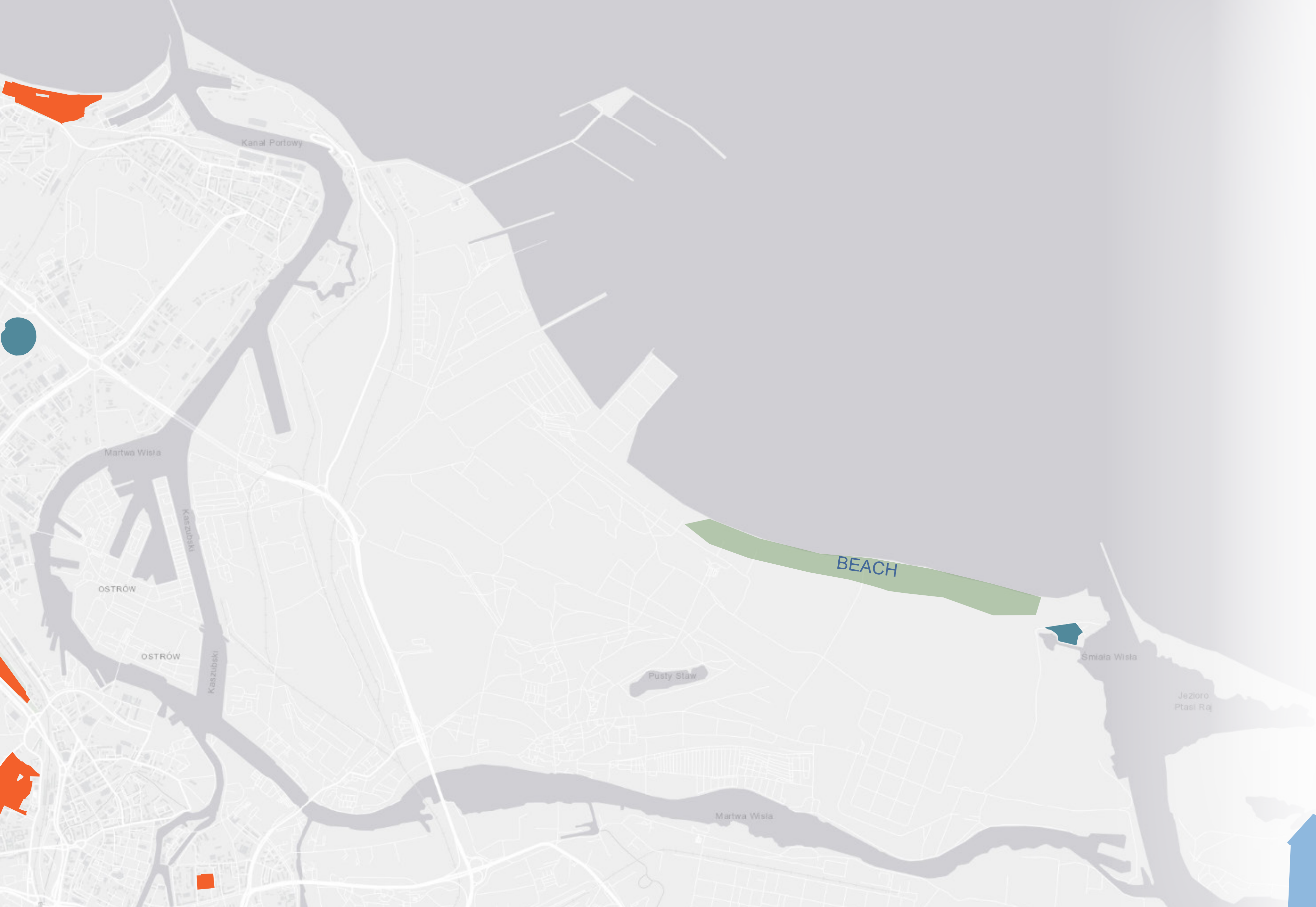
“People are **not part of the harbour** anymore. [...] automatification is not only replacing jobs, it leaves people out of places”

“Social identity is somehow **fading away** or it's not seen anymore, then you get to the point where [...], especially [...] where it's structurally very weak. And people, [...] they just move away because they don't see their **future** there. And then the far right parties they grow, and that of course **destabilizes** the whole system.”

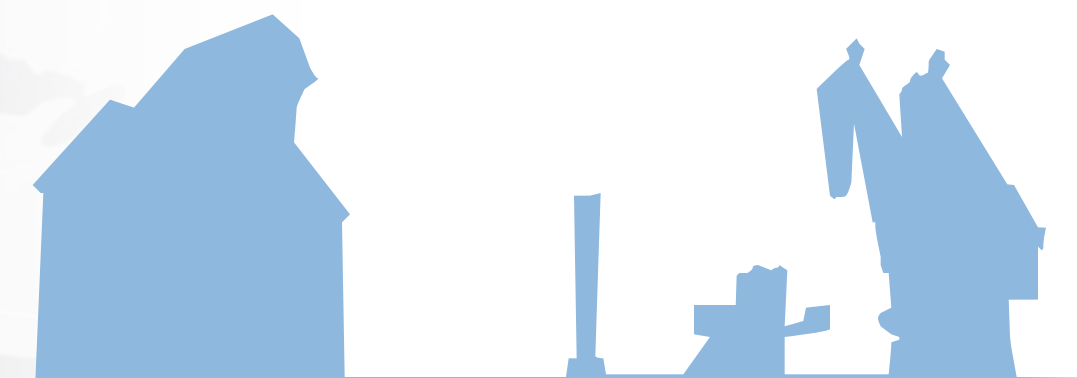


CURRATED PUBLIC SPACES

“People who were involved in history making have an emotional attachment”



-  sports and leisure complex
-  park and square



NATURA 2000 BORDERS

“this place [is] very
unique, and not to men-
tion also the landscape
[...] - I mean, sea, hills,
forest”



Zatoka Pucka

Twierdza Wisłoujście

Ujście Wisły

Natura 2000 Site

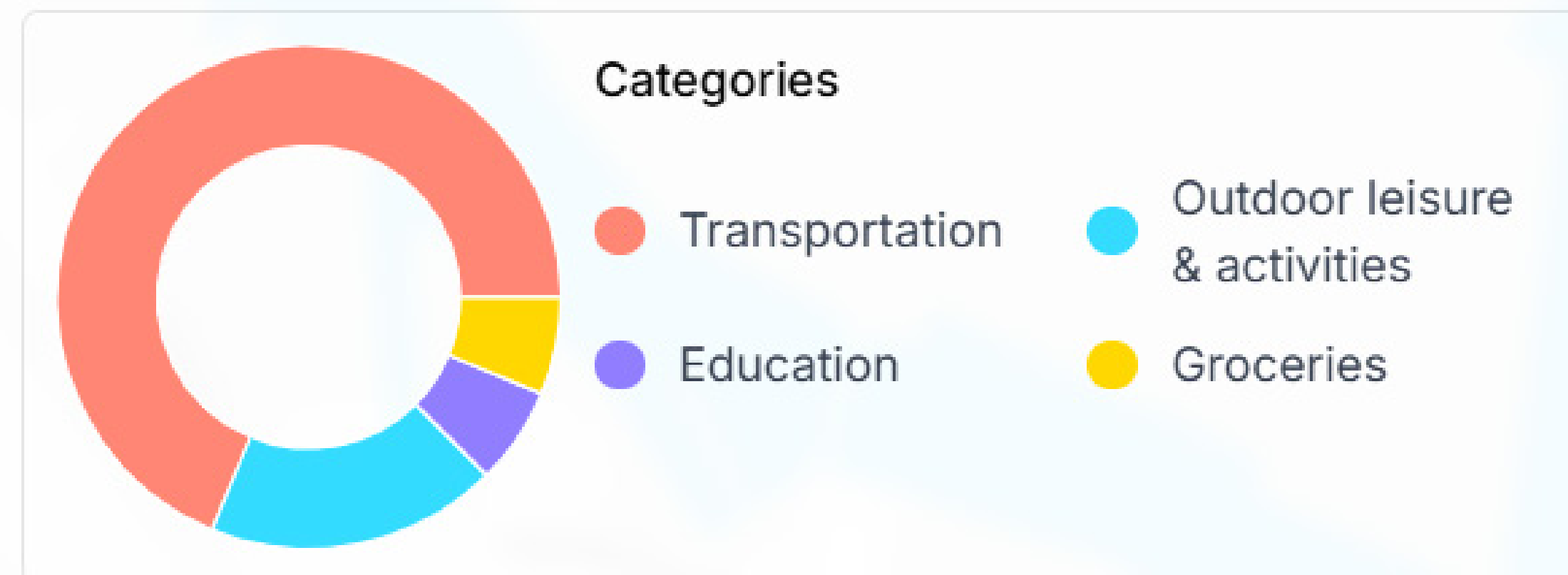
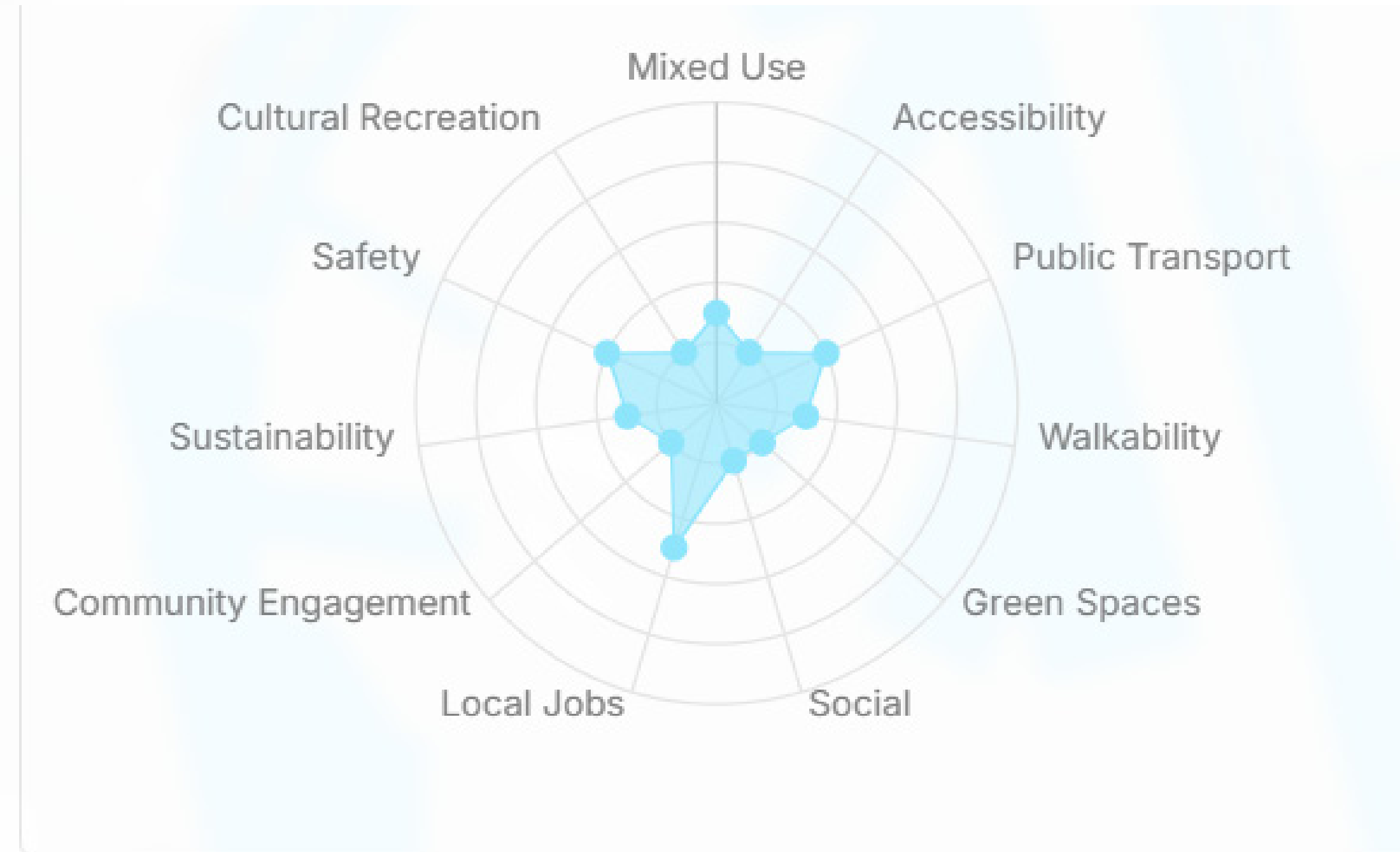
DEVELOPMENT DENSITY

“people are not part of the harbour anymore”

- Low-density development
- High-density development
- Compact development



15 MINUTE CONCEPT RATING



SCENARIO 1

Resilient infrastructures and neighbourhood with no sence of identity or community

By 2040, geopolitical importance and global logistics have accelerated port expansion.

Industrial and logistics land replaces green and mixed-use areas, while automation reduces local employment.

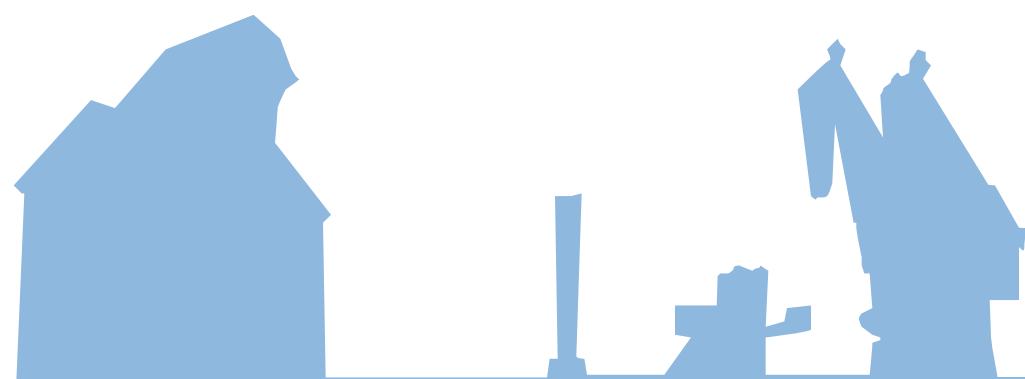
Housing pressure, ageing and declining services increase inequalities.

Privatised infrastructure and data systems weaken public influence, while generic development gradually erodes Stogi's maritime character and local identity.



“one of the biggest problems is social polarisation”

“Overqualification youth gets no jobs”



SCENARIO 2

Resilient infrastructures and neighbourhood with no sence of identity or community

By 2040, Stogi has evolved into multi-functional port neighbourhoods.

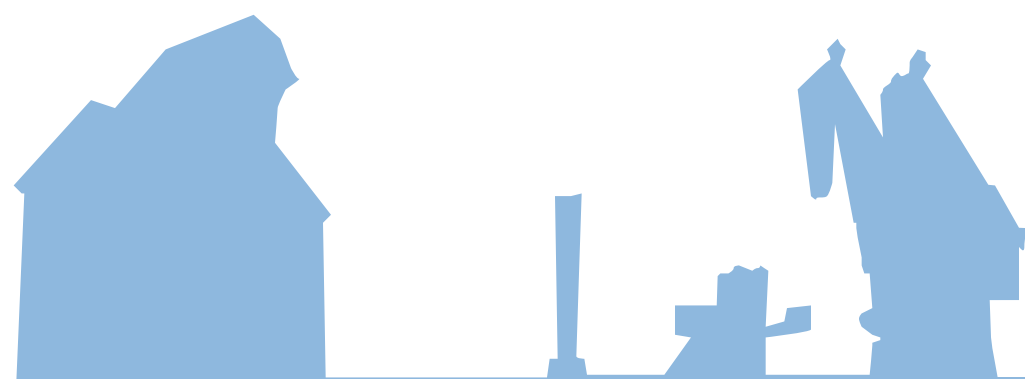
Industry 5.0, housing, local services and blue-green infrastructure coexist.

Circular energy, water and material flows increase self-sufficiency.

Maritime heritage and Solidarity identity remain visible, while new residents, ageing communities and port workers share accessible spaces, services and decision-making.

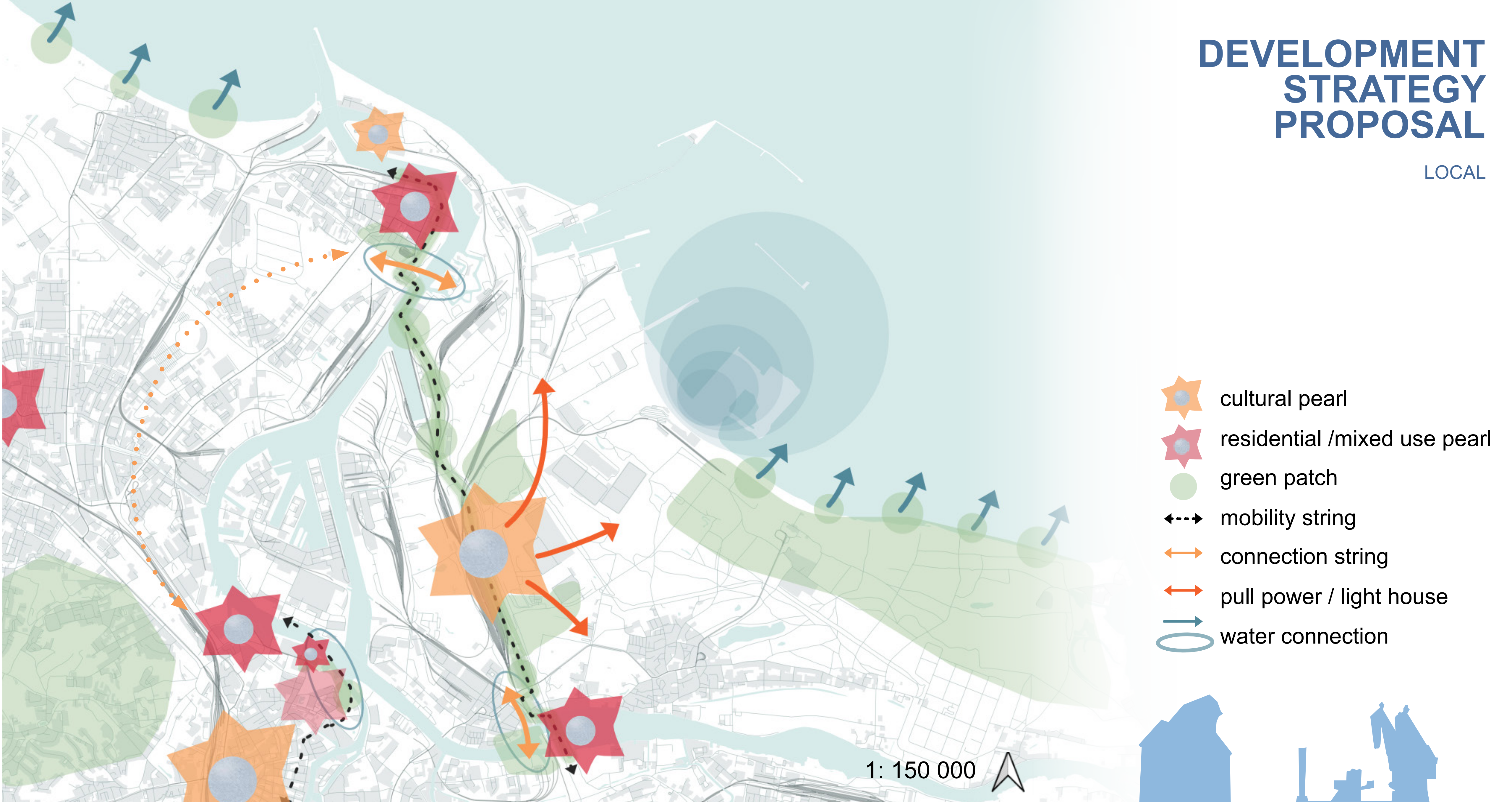


“People who were involved in history making have an emotional attachment.”



DEVELOPMENT STRATEGY PROPOSAL

LOCAL



DEVELOPMENT STRATEGY PROPOSAL

LOCAL



-  cultural pearl
-  residential /mixed use pearl
-  green patch
-  mobility string
-  connection string
-  pull power / light house
-  water connection

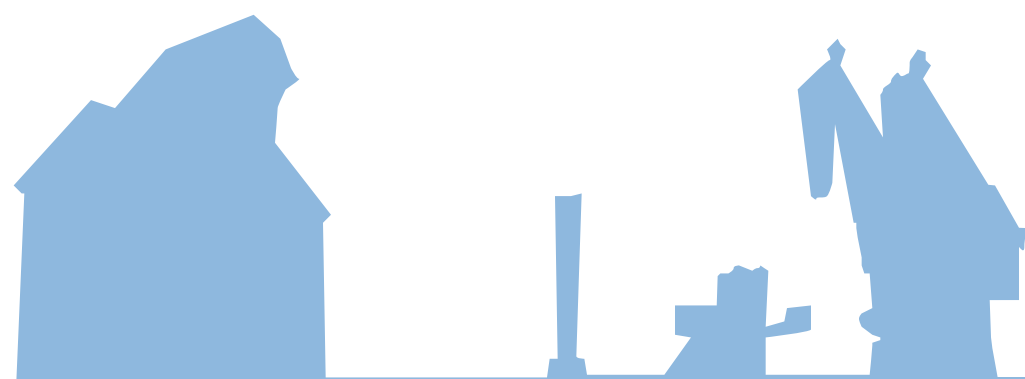


INSPIRATION FROM SITE VISIT

Industrial memory preserved, not erased.

The container is a standardised, de-mountable module - inexpensive to re-use, easy to stack, move, extend or re-move.

Temporary parts absorb change - uses can shift without demolition or waiting for permanent construction.



DEVELOPMENT STRATEGY PROPOSAL

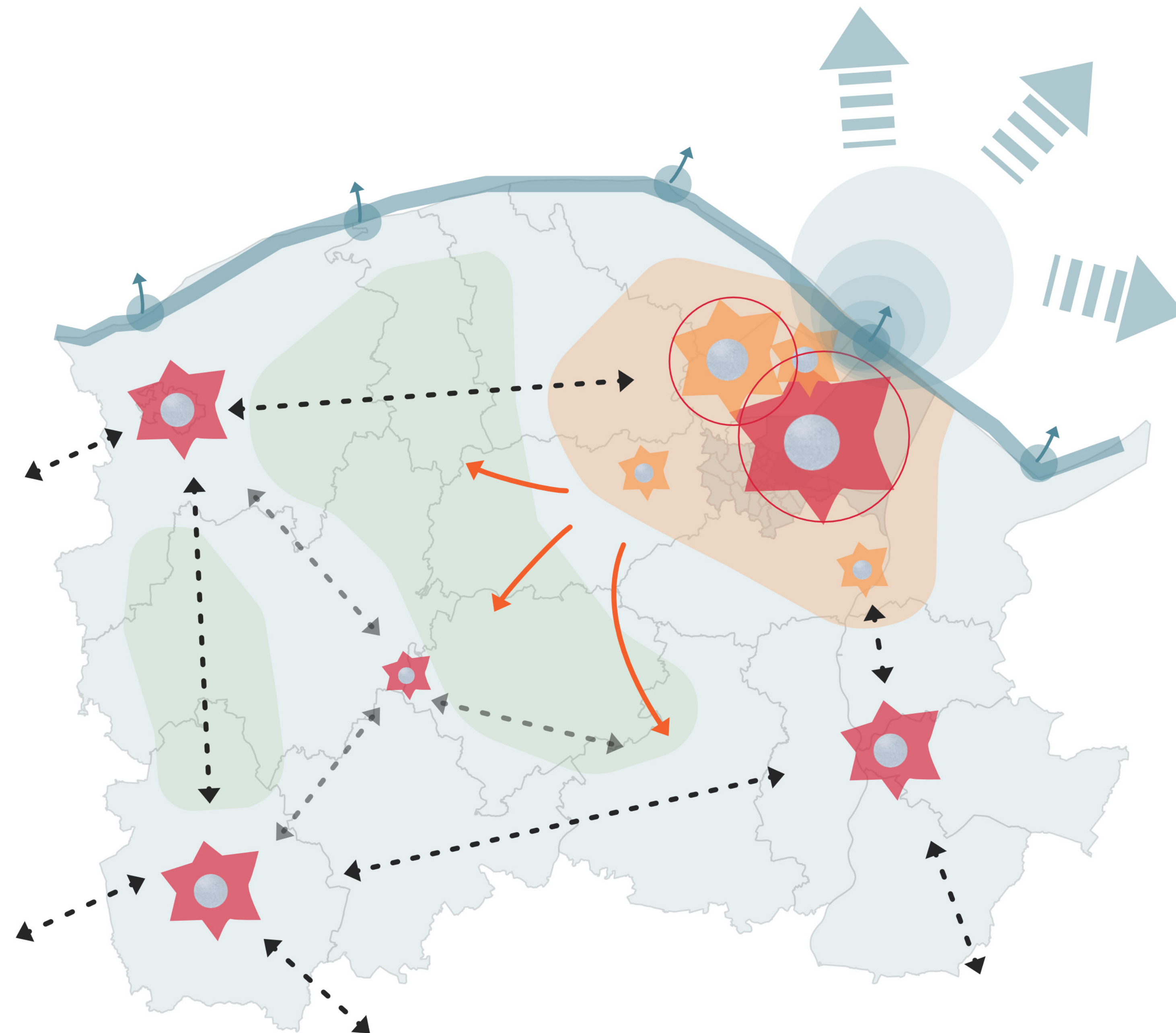
REGIONAL

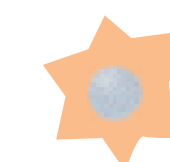
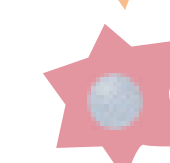
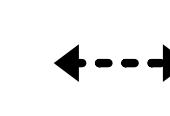
Pomorskie Cultural Passport +
interactive map;

identifictaion of unused areas
for replication and scalability;

Pomorskie Resilience Pact;

Collaborative train ticket.



-  cultural pearl
-  residential /mixed use pearl
-  green patch
-  mobility string
-  pull power / light house
-  water connection



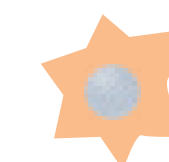
DEVELOPMENT STRATEGY PROPOSAL

BSR

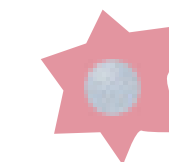
Further develop BSR
knowledge & exchange
programme

BSR mutual support system

Architectural lighthouse projects
with BSR region architectural
competition



cultural pearl



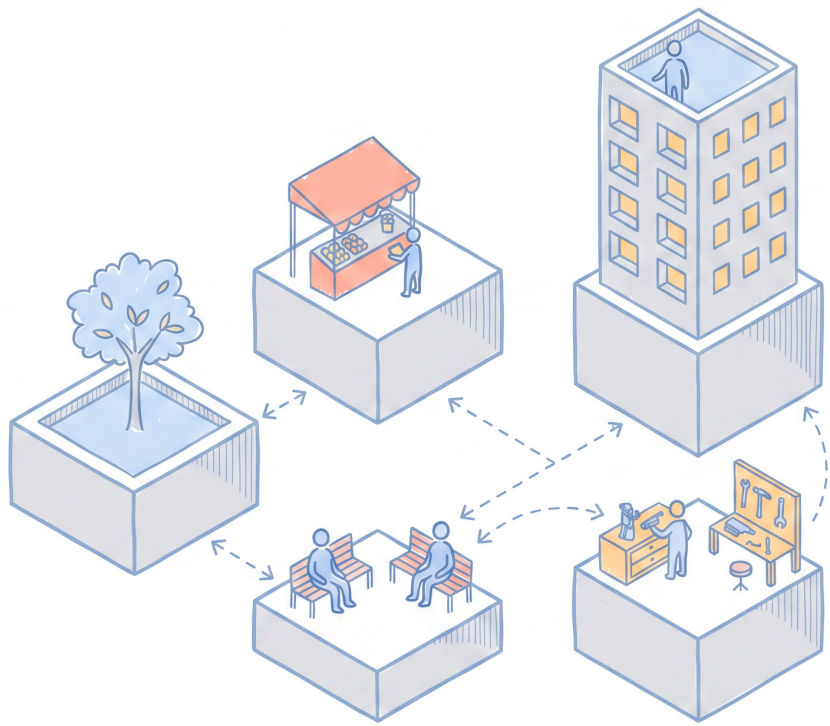
residential /mixed use pearl



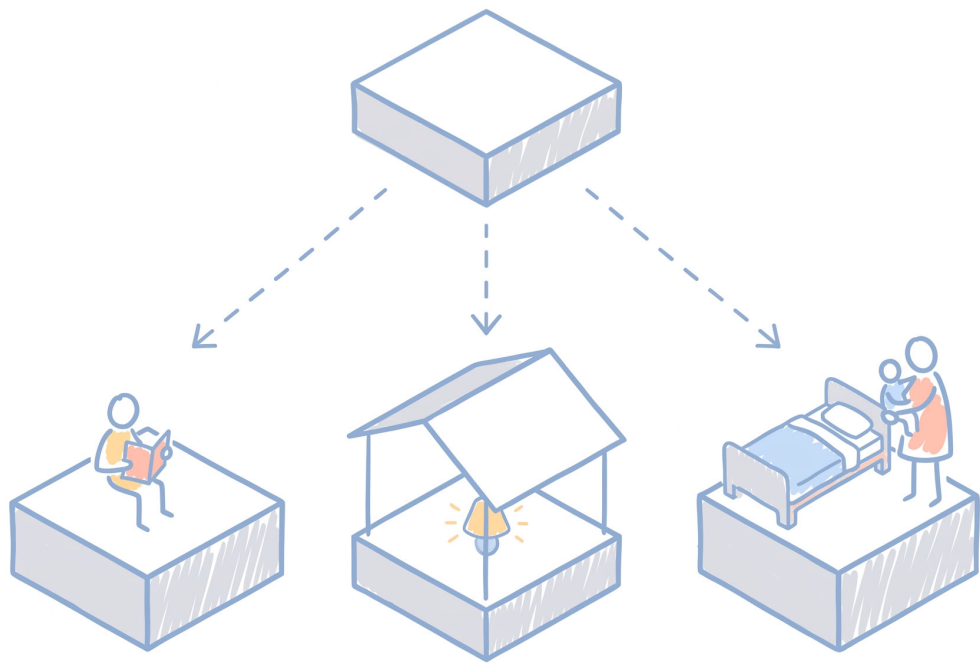
territorial identity / resilience



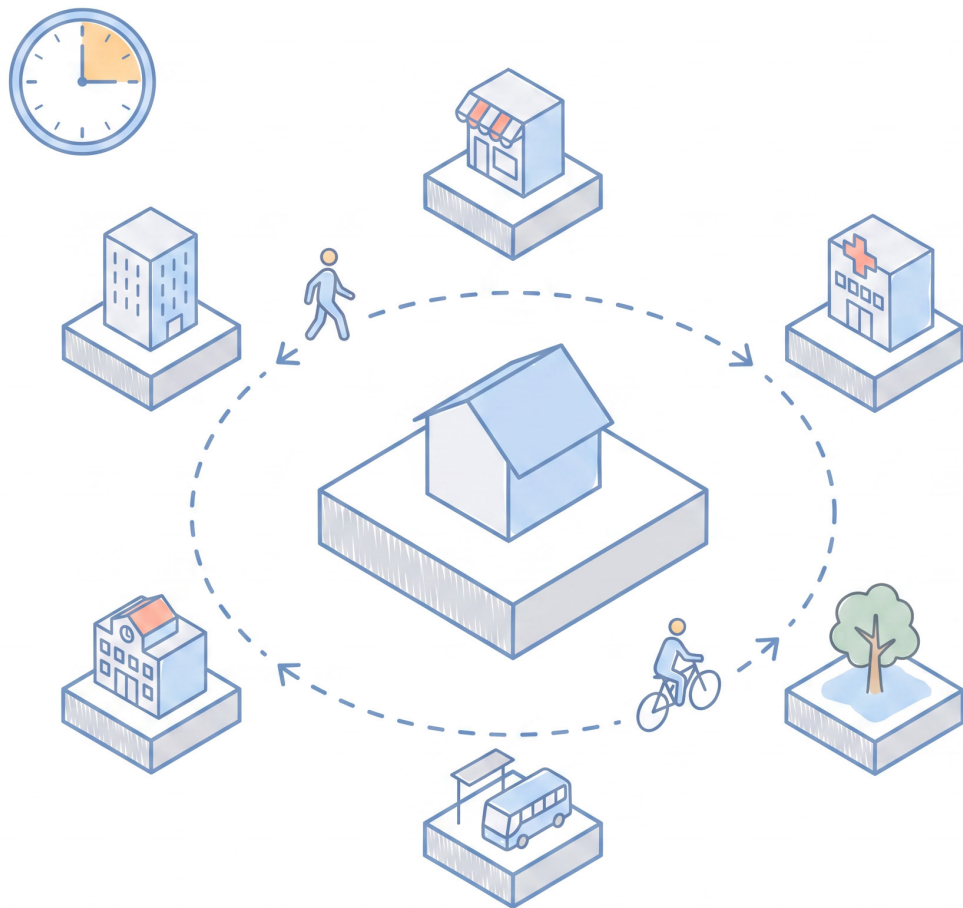
LOCAL LEVEL RECOMMENDATIONS



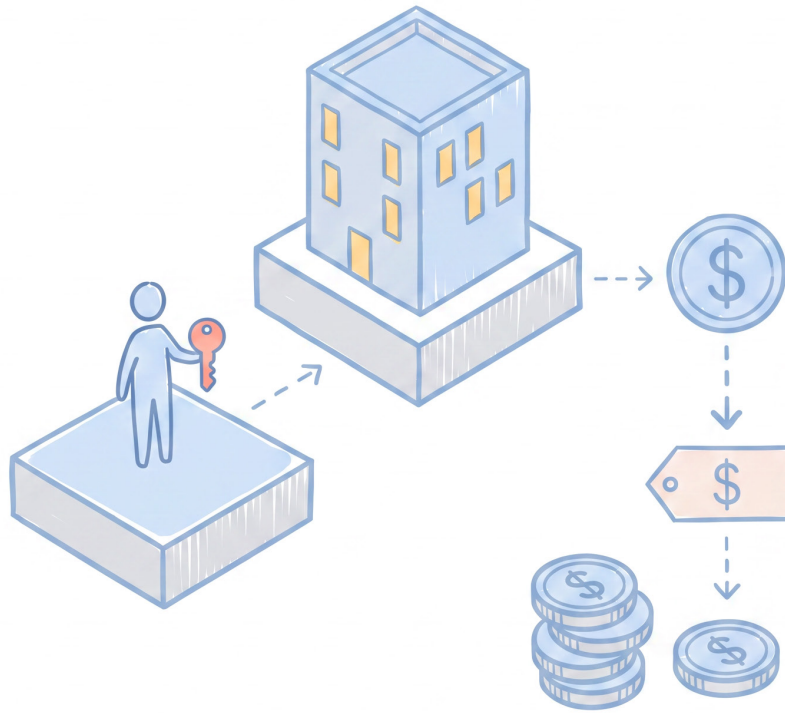
DIVERSITY



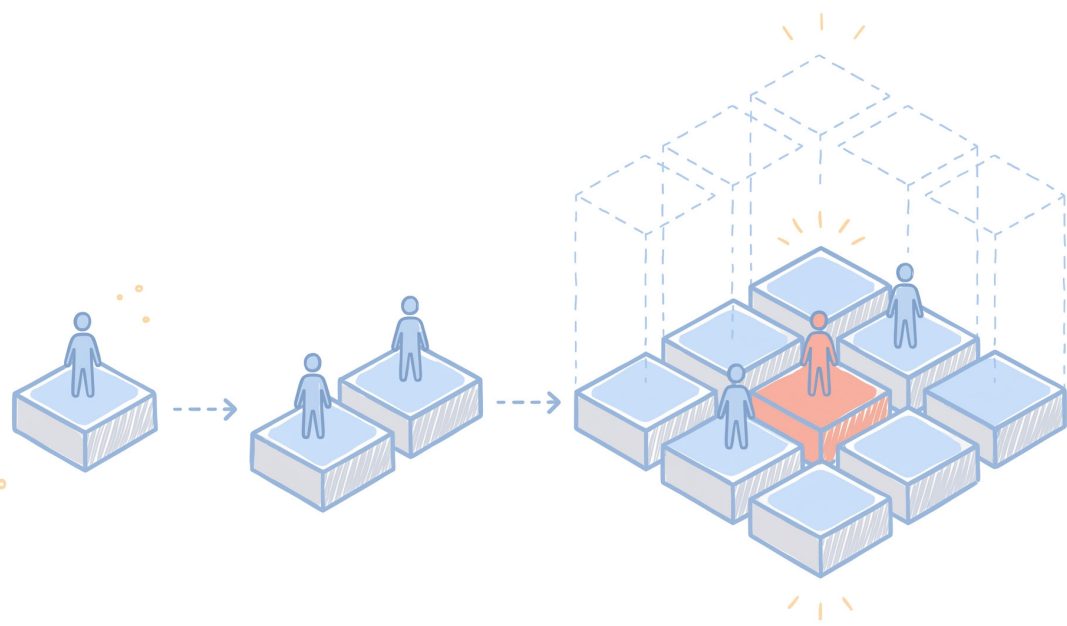
MULTIFUNCTIONALITY AND FLEXIBILITY



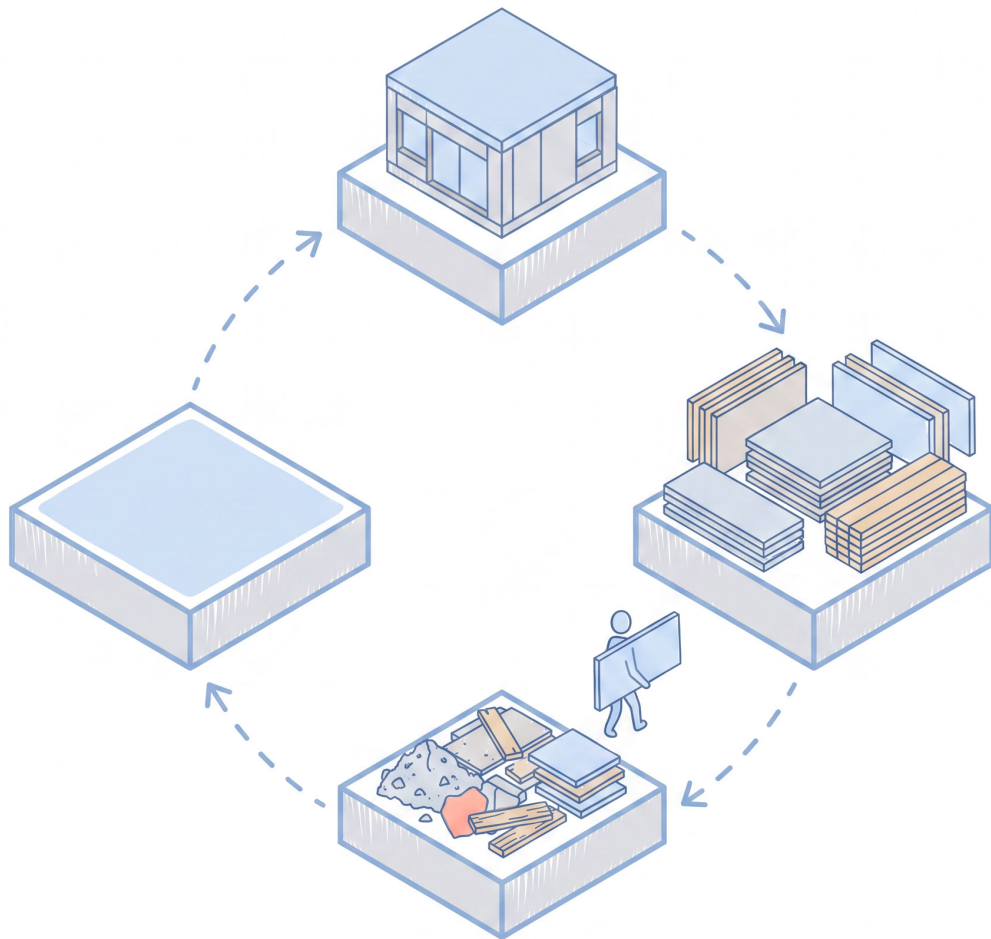
15 MINUTE CITY GUIDELINES



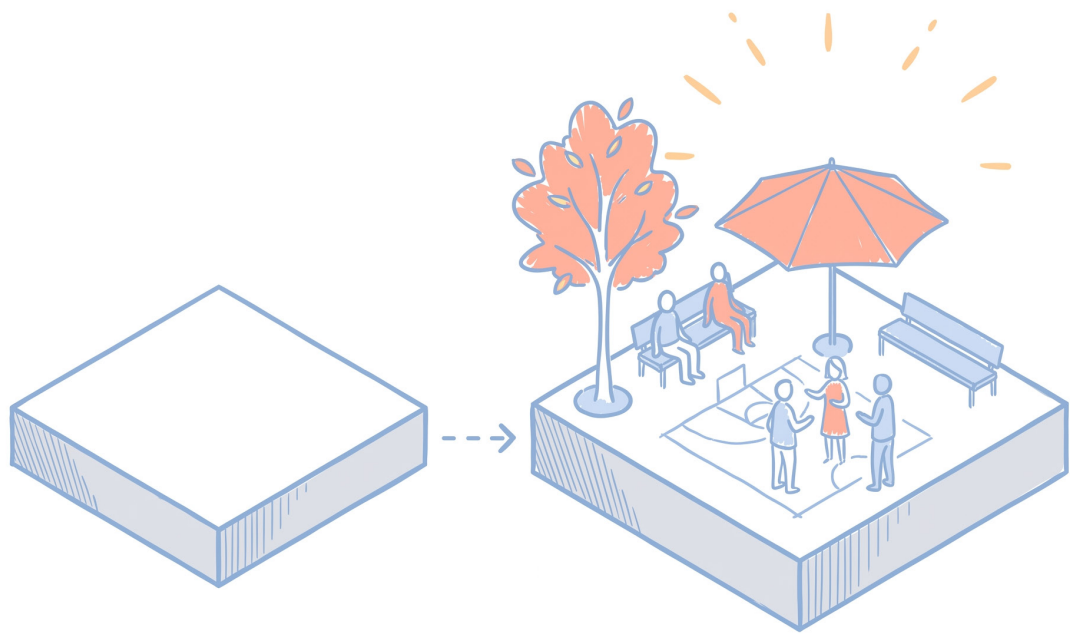
AFFORDABILITY



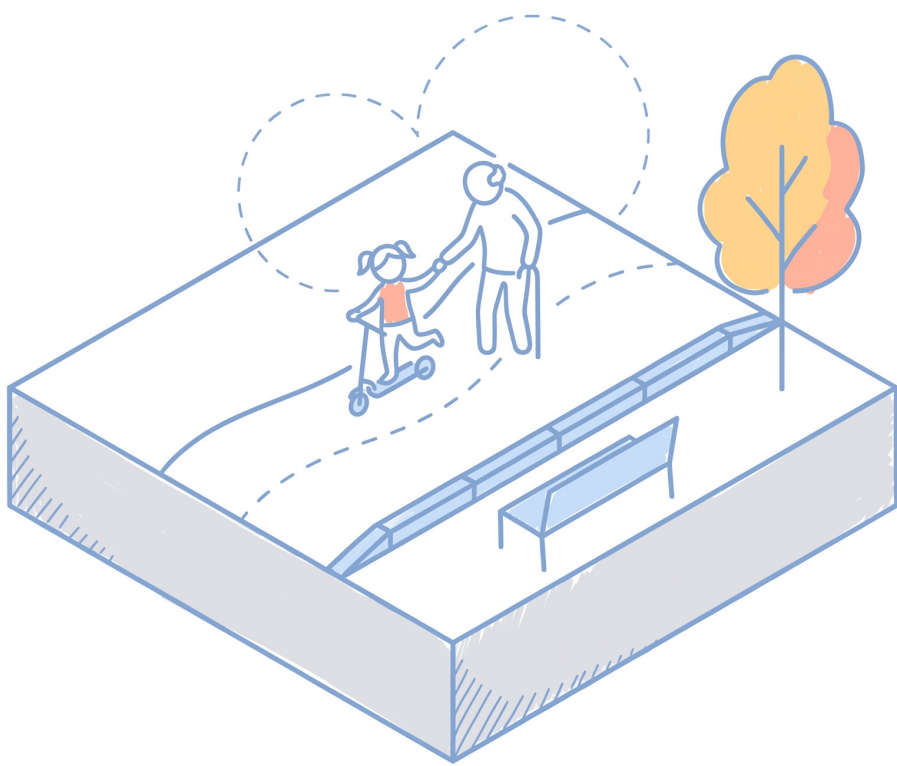
MODULARITY AND SCALABILITY



CIRCULARITY

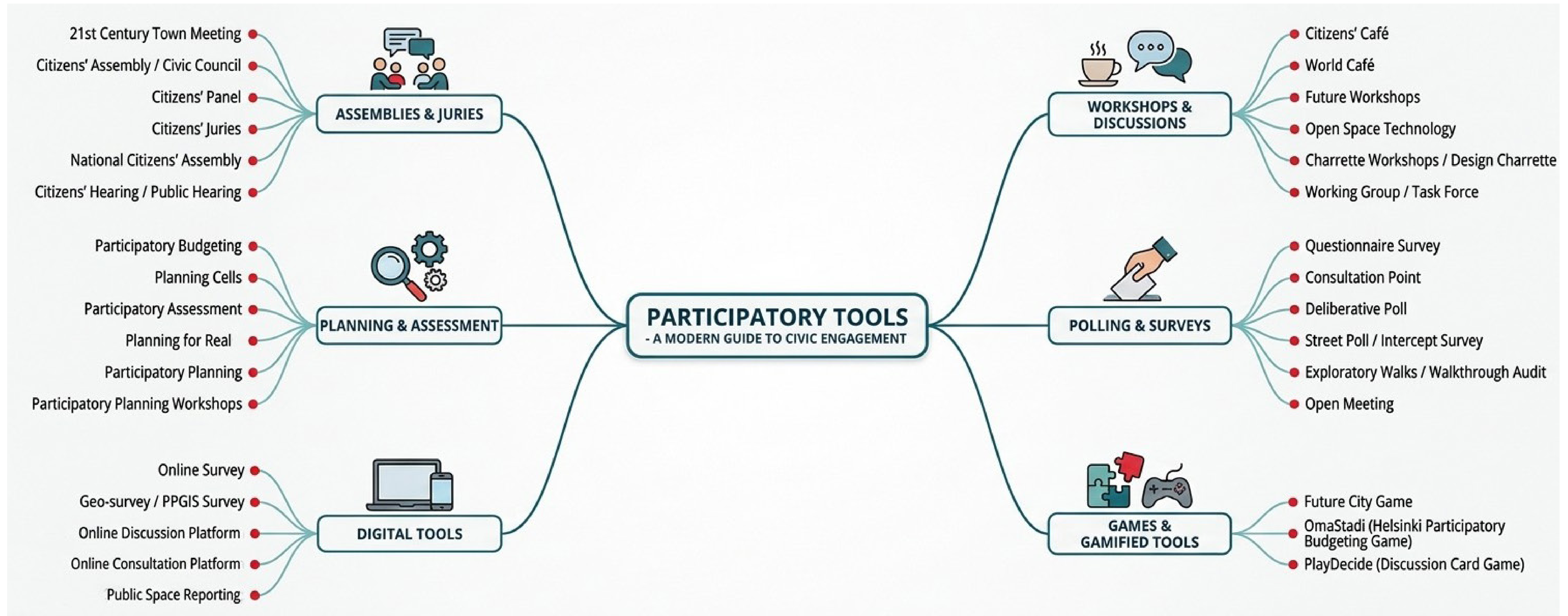


PLACE MAKING



8-80 CITY

PARTICIPATION CAN OCCUR IN VARIOUS **WAYS**, AT DIFFERENT **LEVELS**, AND IN DIVERSE **SETTINGS**



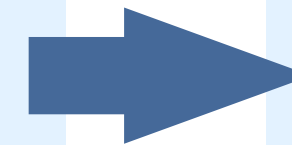
Source: <https://partycypacjaobywatelska.pl/>
Generated using Gemini AI



THE NEW COLLABORATION PARADIGM - FROM FORMAL INFORMATION TO CO-CREATION

OLD APPROACH

1. Mandatory public **consultations** in strategic planning
2. **Expert panels** limited to public & industry actors
3. Ad-hoc information meetings by **local authorities**
4. **Symbolic actions** to fulfill procedural rules
5. Rigid tripartite models (Admin, Unions, Industry)



NEW APPROACH

1. Participatory budgeting & civic funding
2. **Urban movement** activities & local initiatives
3. Territorial & sectoral network initiatives
4. Local **stakeholder forums** & roundtables
5. Collaborative social labs (Living Labs)
6. Cross-sector **co-design partnerships**
7. Grassroots microgrants for local communities
8. Open **public assemblies** with residents
9. Digital & participatory **dialogue** tools

Ochojski, A. (2025). Nowe formy współpracy z interesariuszami sprawiedliwej transformacji w podregionach węglowych województwa śląskiego. Regionalne studia transformacji.

<https://transformacja.slaskie.pl/pl/baza-wiedzy/regionalne-studia-transformacji/regionalne-studia-transformacji-tom-i.html>

KEY PLAYERS

- City of Gdańsk Authorities
- Port of Gdańsk Authorities
- InvestGDA
- Baltic Hub
- Stogi District Council
- Stogi Residents and Grassroots Groups
- Pomeranian Voivodeship Marshal's Office
- RDOŚ (Regional Directorate for Environmental Protection)
- Pomeranian Voivodeship
- EU Funding Bodies
- Baltic Sea Transnational Networks (VASAB, CBSS)

PASSIVE OBSERVATOR

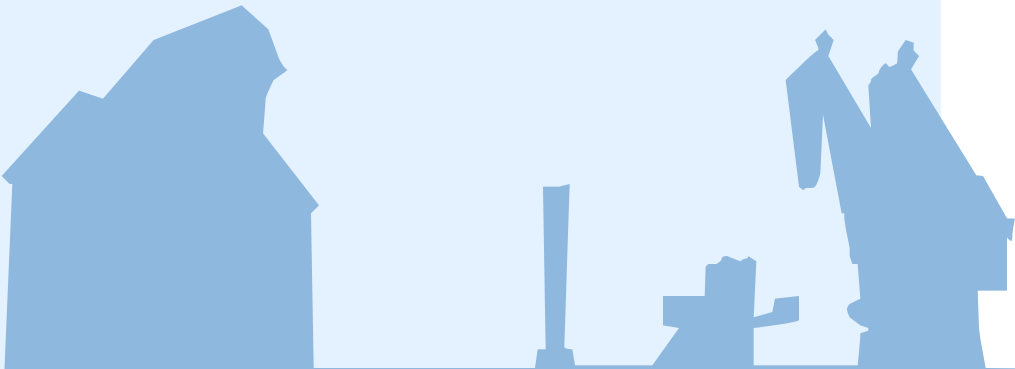
- Residents of Island Gdańsk Districts
- Passing commuters
- Island Pomeranian Municipalities
- Residents of Distant Coastal Towns
- Other Baltic Port Communities
- Citizens of other Baltic Port Cities

DRIVERS

- Regional Spatial Planning Office
- Transnational Environmental NGOs

AUDIENCE

- Local Logistics and Warehouse Companies
- State Forests (Lasy Państwowe)
- PKP PLK (National Rail Infrastructure)
- National Water Management Authority (Wody Polskie)
- Global Shipping Conglomerates (e.g., PSA, Maersk), HELCOM, TEN-T



Our contribution to VASAB vision 2040

Connectivity

Pearls + Strings
(4), (8), (35), (45), (48), (51), (55), (59), (78), (79), (84), (85)

Insight: Connecting places, infrastructures and systems

Our input:

Spaces that enable the local community to gather, build and strengthen social ties, and cultivate historical and industrial roots

Adaptability

Smart shrinking / multi-use
(10), (27), (30), (140)

Insight: Flexible buildings, infrastructure and land uses

Our input:

Sustainable prefabricated buildings and revitalized structures intended for the local community, businesses, and artisans; efficient use of space for the community, business, and industry through the adaptation of existing infrastructure

Ecological connectivity

Green & Blue Patches
(92), (99), (104), (107)-(111), (116)

Insight: Green corridors, wetlands, nature-based solutions

Our input:

Creating micro-greenery, preserving wild nature (4th nature), and establishing shared gathering places in nature with respect for the environment

Interoperability

Systems
(128)-(132), (142)

Insight: Shared data, compatible planning systems and common digital platforms

Our input:

Applying digital participation tools to include all voices (also in different regions), particularly those with special needs

Cross-border cooperation

Throughout the Vision
(6), (52), (66), (133), (136), (139), (140)

Insight: Joint preparedness and planning across administrative and national borders

Our input:

Approaches and projects that can be replicated in other regions and countries with the involvement of various stakeholders

Participation

Systems / Pearls
(41), (135), (143)

Insight: Digital citizen platforms, co-creation and bottom-up involvement

Our input:

Implementing new tools (e.g. urban labs, word cafe etc.) for public participation, including digital ones

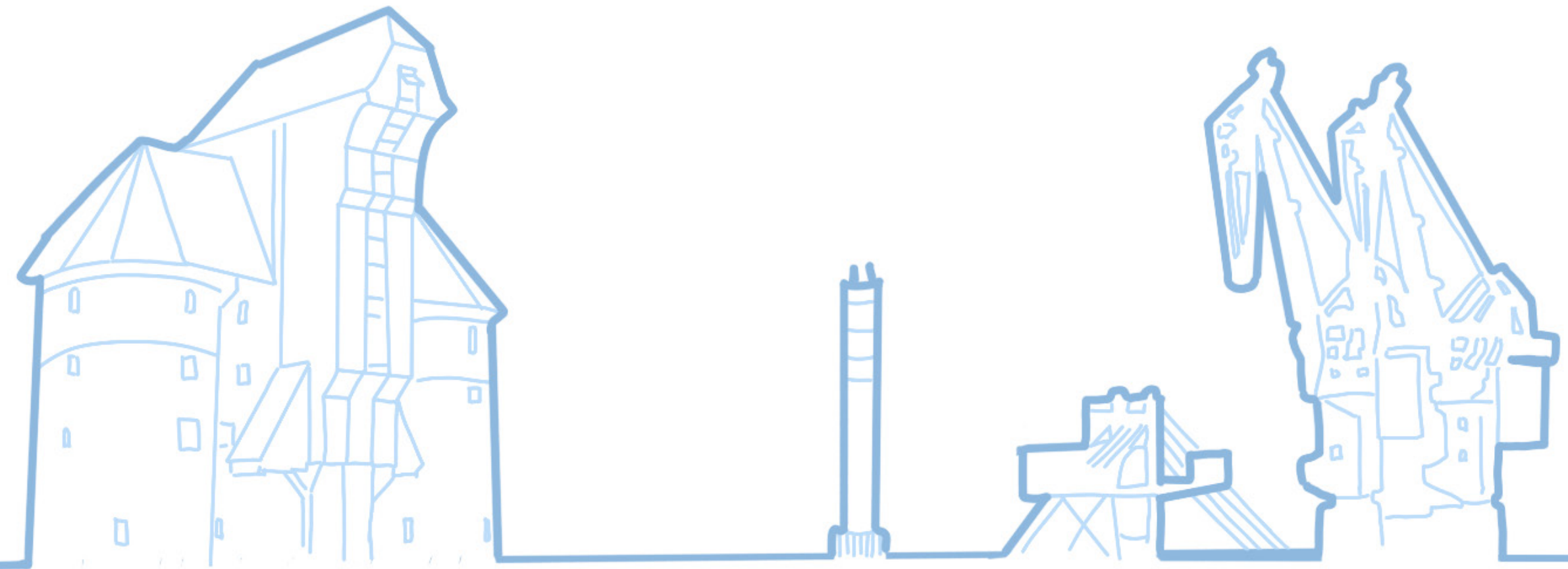
Local capacity

Pearls
(14), (18), (22), (134), (138)

Insight: Empowered communities and strong local institutions

Our input:

Fostering collaboration between various stakeholders and residents through the efforts of local leaders.



THANK YOU! QUESTIONS?