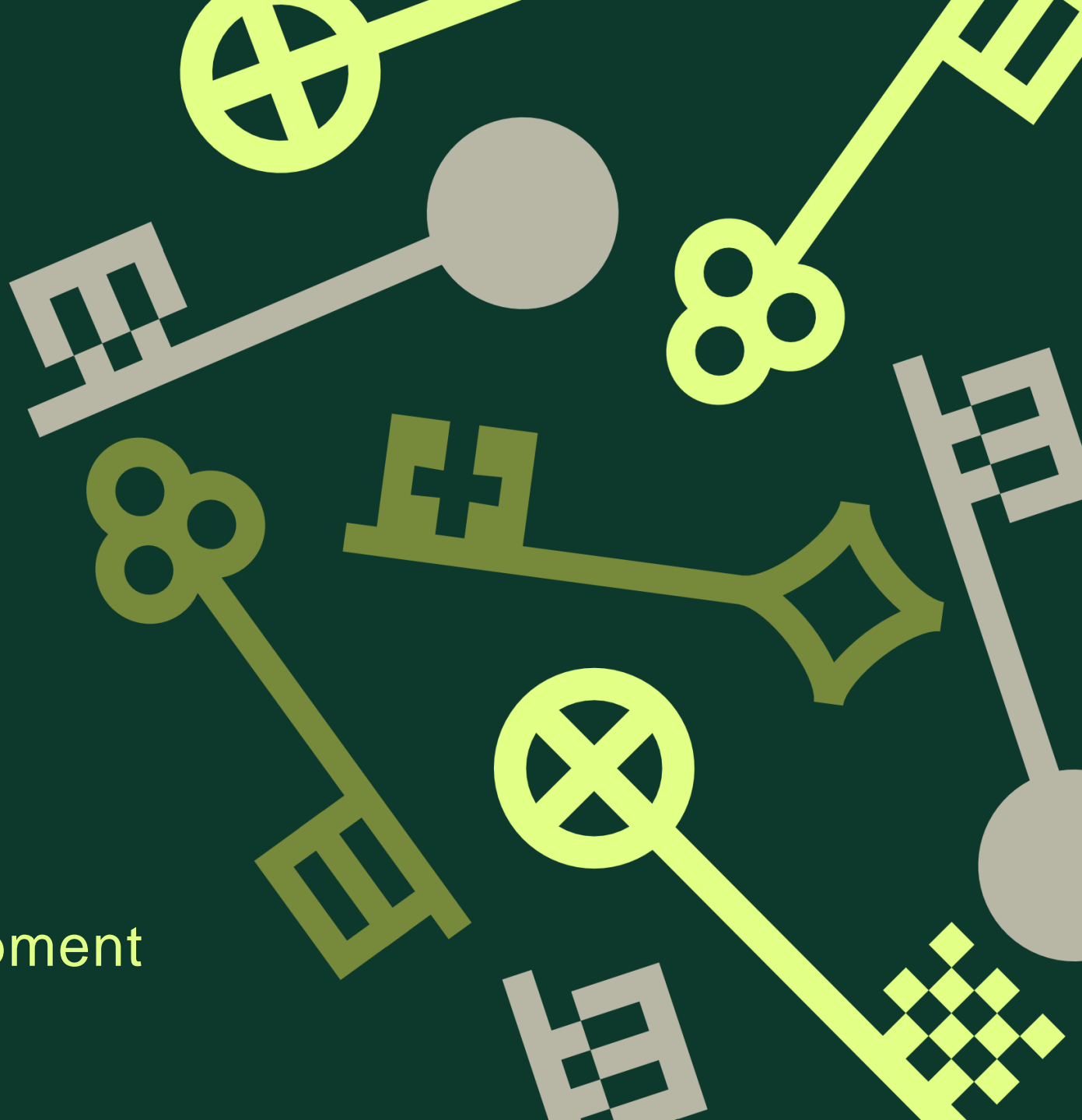


Strategic Framework for Riga's Urban Greening: Nature- Based Approaches to Climate Resilience

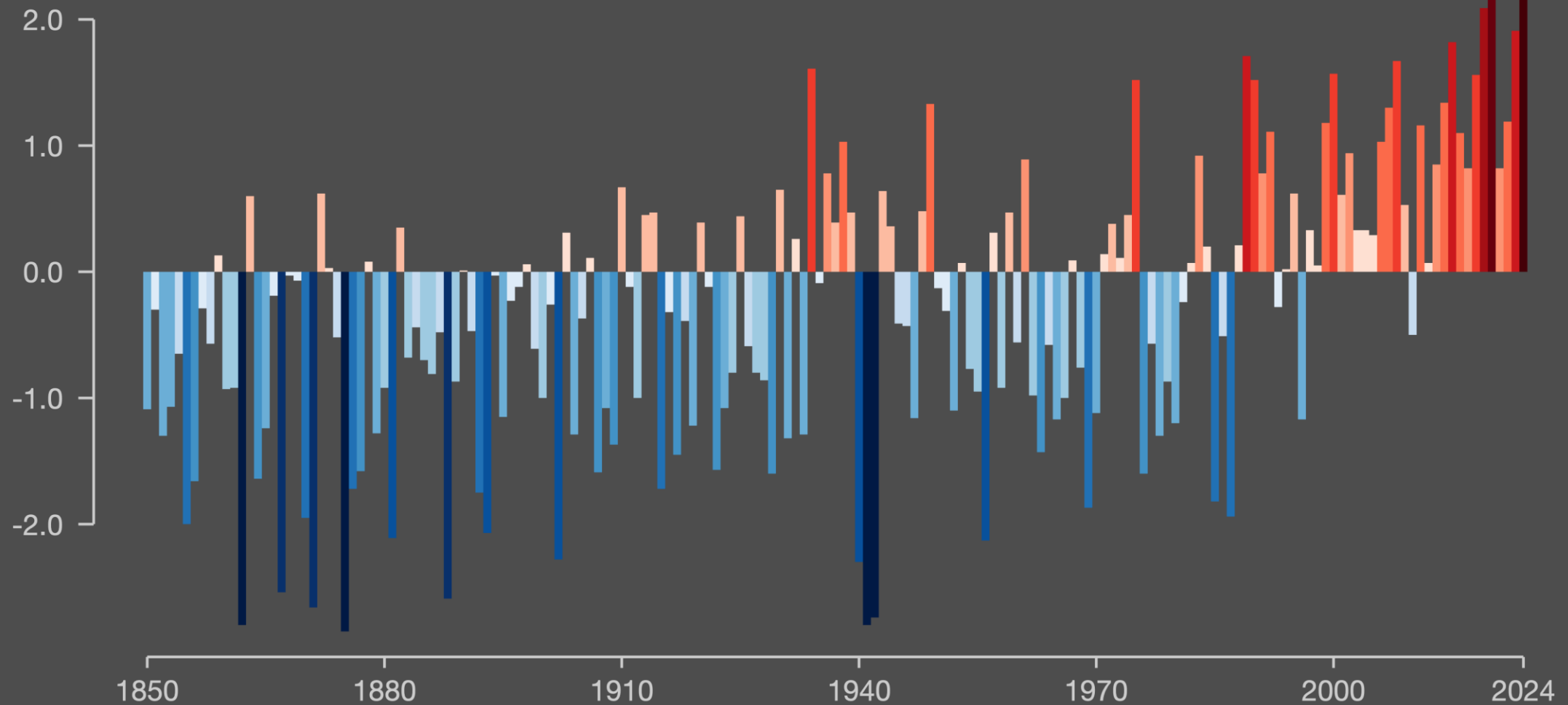


Liene GRIKE
Riga City Development
Department



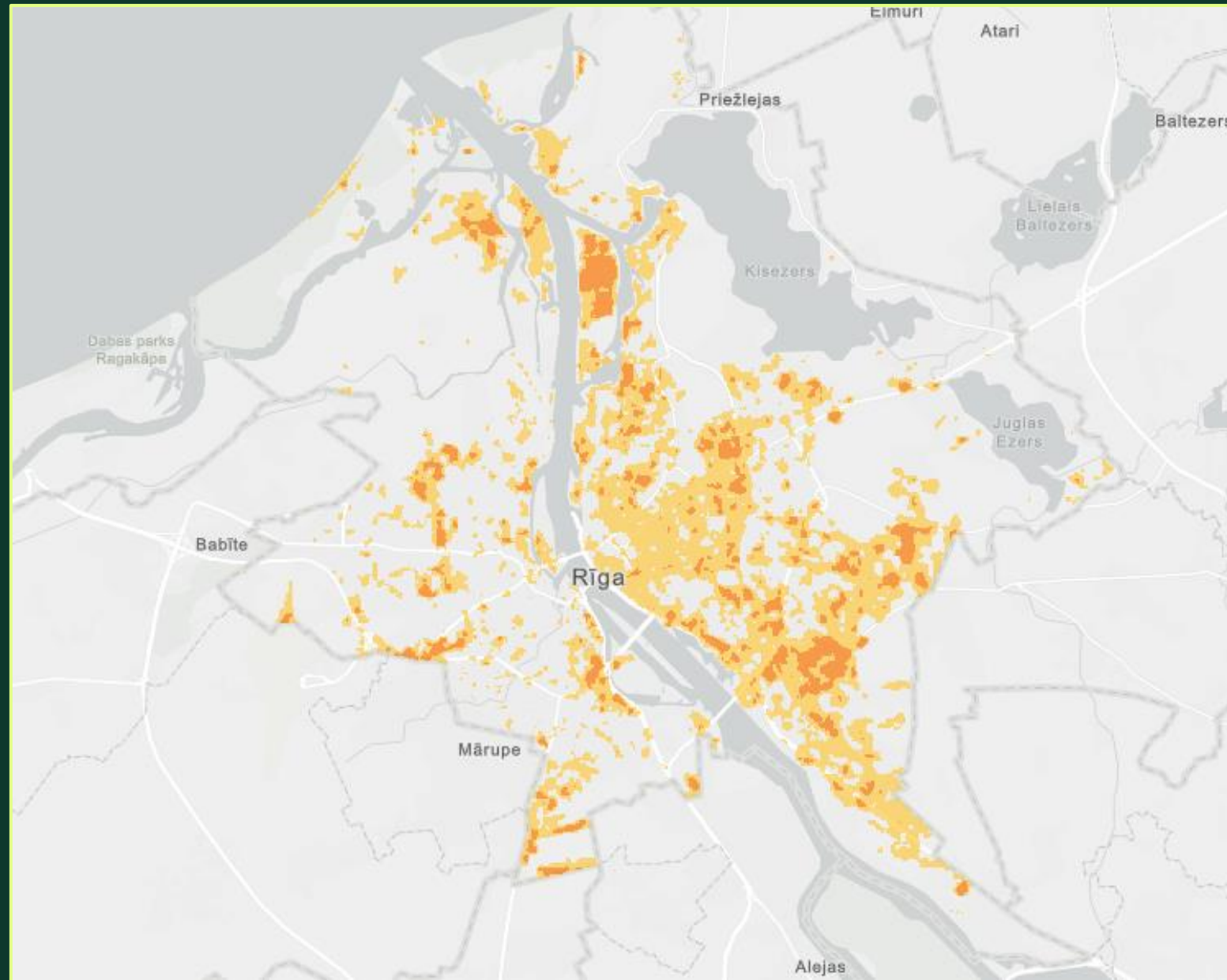
Temperature change in Riga

Relative to average of 1961-2010 [°C]

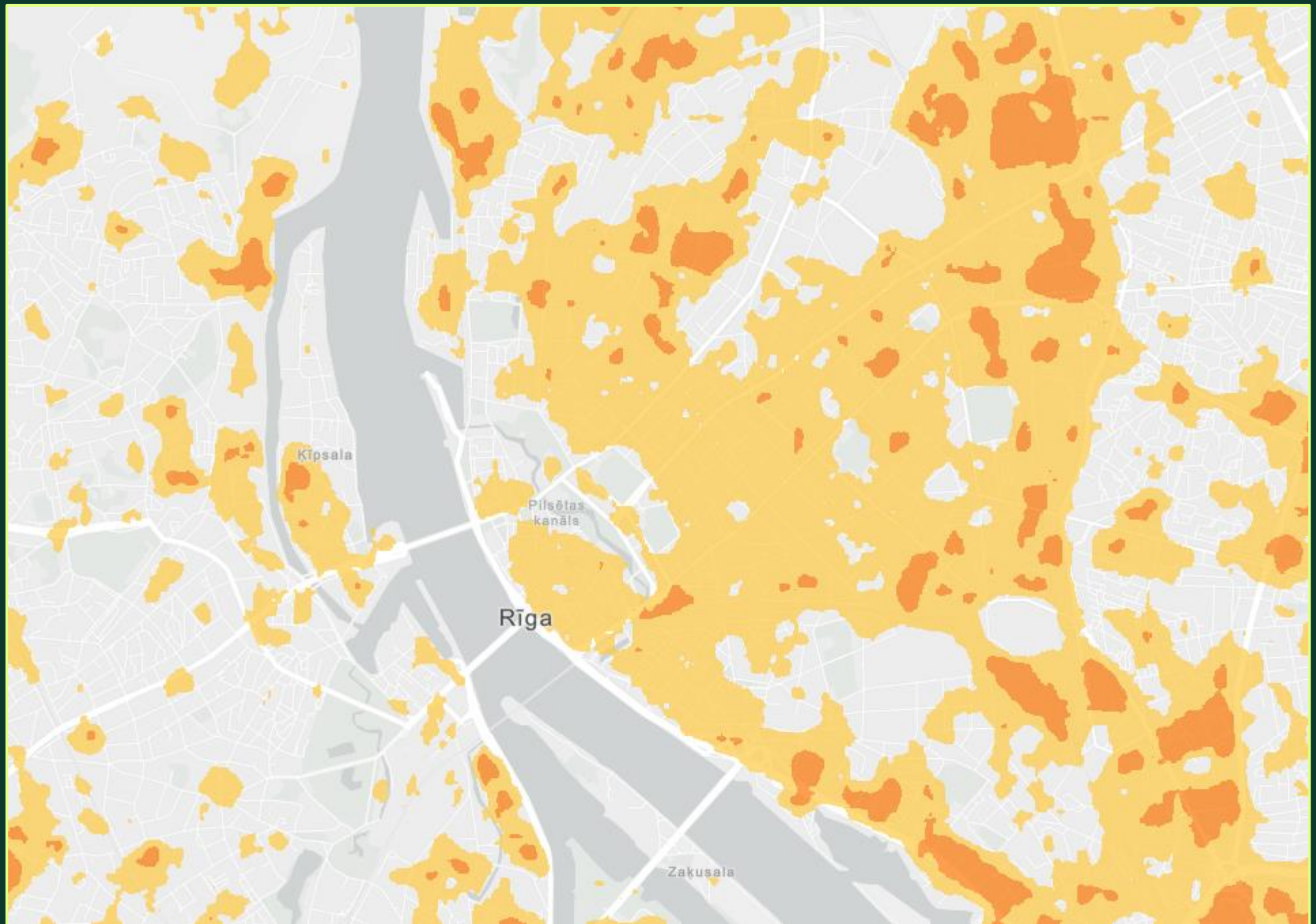


Source: [Ed Hawkins](#), National Centre for Atmospheric Science, University of Reading., National Centre for Atmospheric Science, UoR.

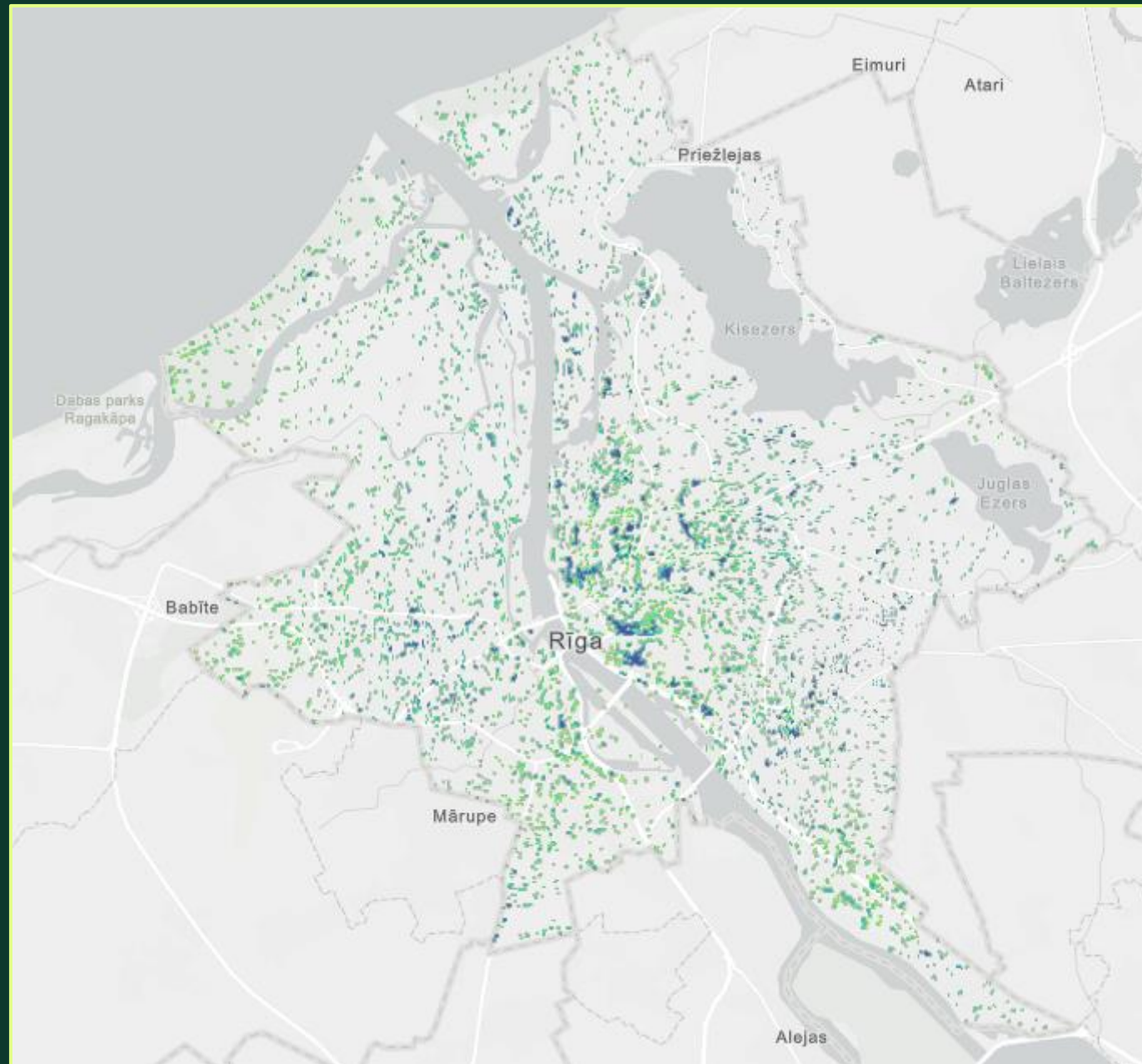
CHALLENGES: HEAT ISLAND



CHALLENGES: HEAT ISLAND



CHALLENGES: FLOODING



CHALLENGES: FLOODING

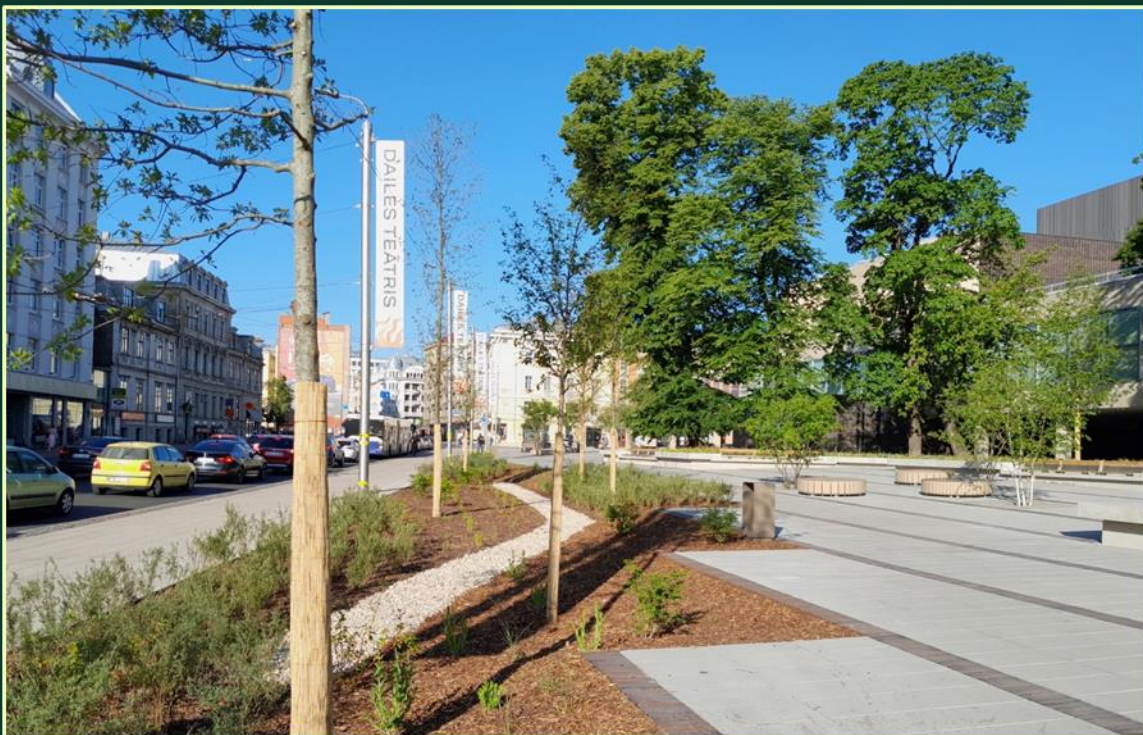


RIGA CITY URBAN GREENING PLAN

RIGA CITY GREENING PLAN 2027-2031



RIGA CITY URBAN GREENING PLAN



OVERARCHING GOAL

Enhance Riga's resilience to climate change by creating high-quality public outdoor spaces and green infrastructure, using nature-based solutions, and promoting the development of green infrastructure on properties owned by residents and entrepreneurs.



EXPECTED RESULTS

GREENER RIGA

Better and more green infrastructure in public and private properties



EXPECTED RESULTS

CLIMATE RESILIENT RIGA

Reduced heat island and
reduced stormwater
influence on cities
inhabitants and
infrastructure



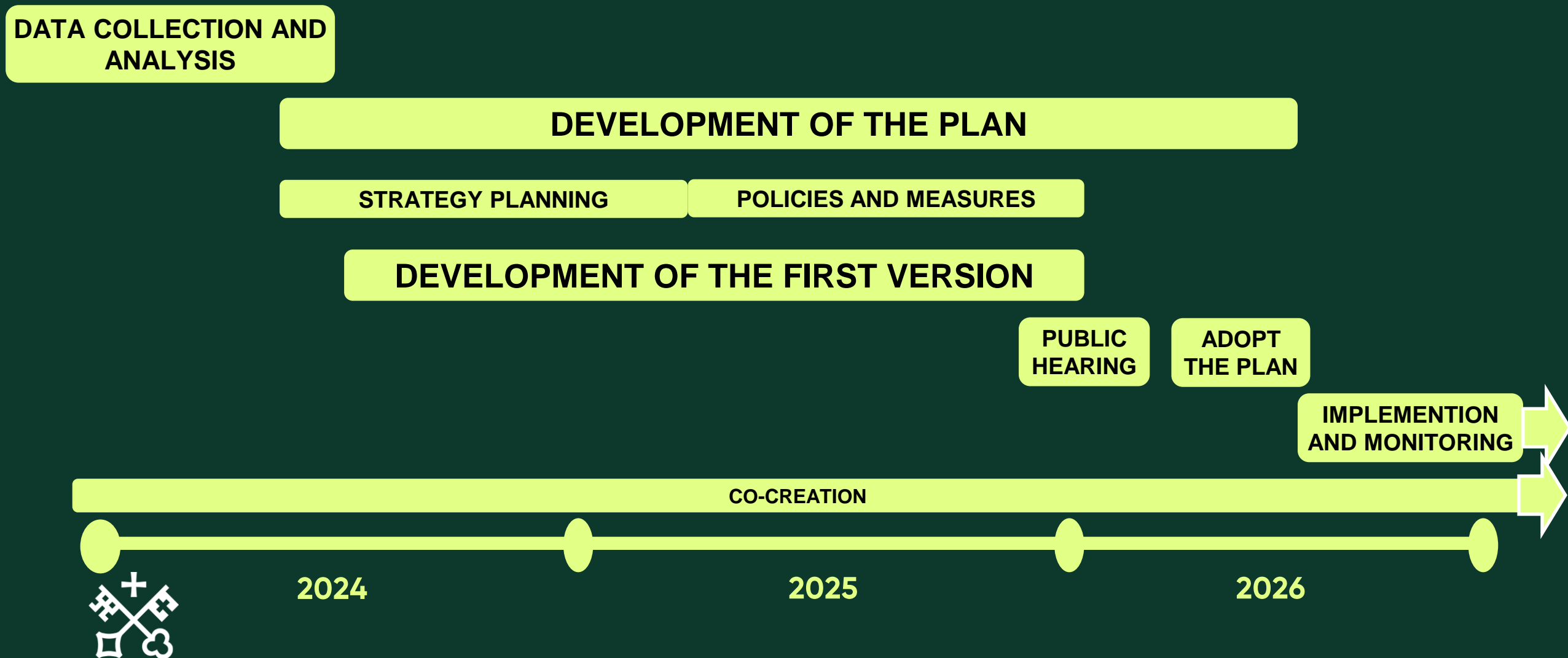
EXPECTED RESULTS

SUSTAINABLE GOVERNANCE OF THE GREEN INFRASTRUCTURE

Safeguarding and promotion
of biodiversity, clear and
improved development and
management of the green
infrastructure



RIGA CITY URBAN GREENING PLAN TIMELINE



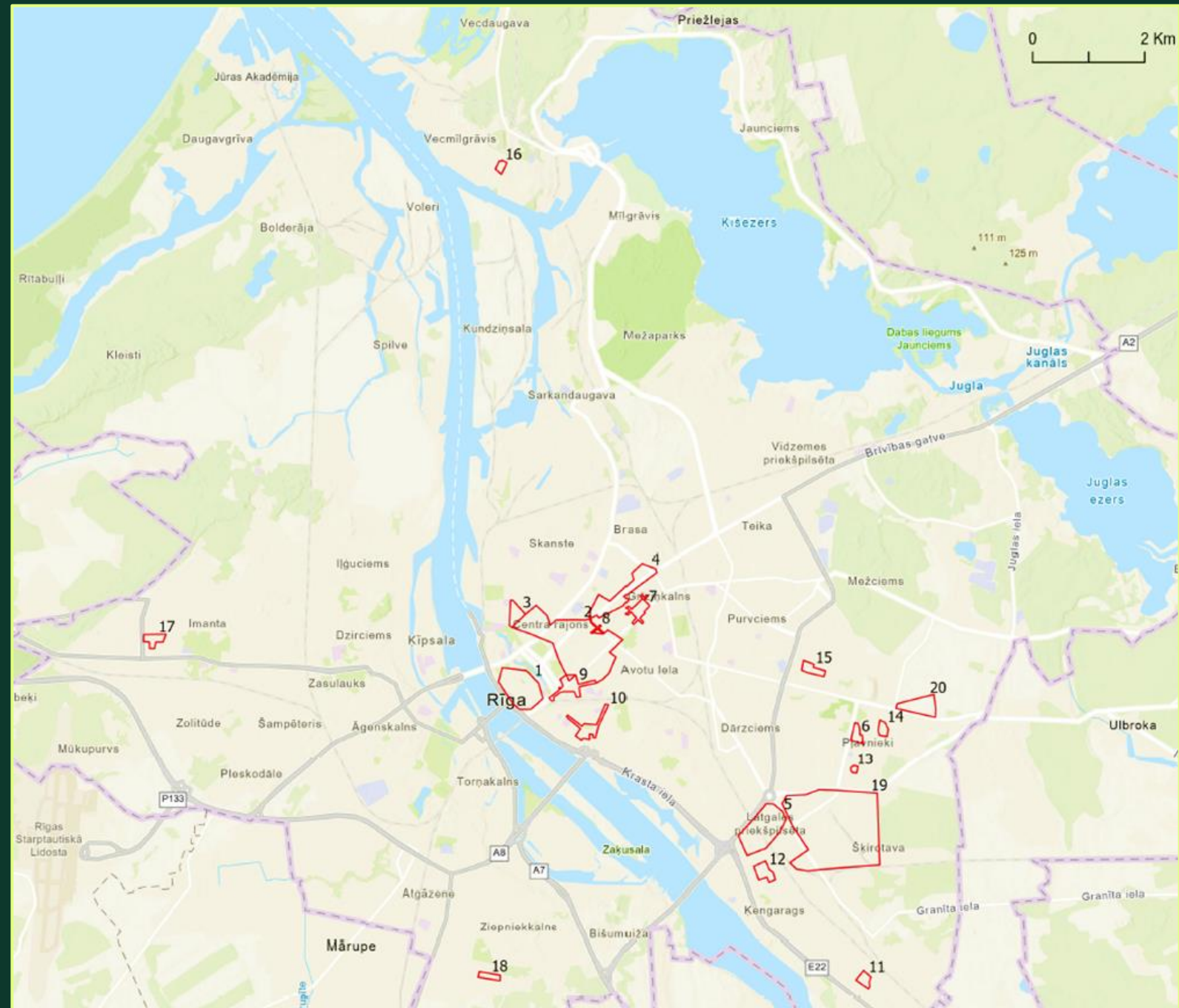
POLICIES AND MEASURES

- **Spatial analysis**
- **Heat island and flood risk**
- **186 most affected areas**



POLICIES AND MEASURES

- TOP 20
- Prioritization based on the number of affected residents



STAKEHOLDER ENGAGEMENT

- Co-design as integral part of the plan
- 2024: Riga Climate Assembly
- 2025: Focus groups, Greening information day, pathways scenarios workshop in school



RIGA CLIMATE ASSEMBLY



- 34 participants, randomly selected representatives of Riga
- 5 full days of meetings
- 41 recommendations for the Riga Urban Greening Plan



PILOT PROJECTS

TĒRBATA STREET

- Green walls
- Green roof
- Rain gardens
- Green parklets
- Water-permeable surfaces/bio-infiltration systems



THANK YOU!



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