

URBAN FLOOD ANALYSIS AND RESILIENCE

 Pilot site: Ljubljana, Slovenia

Key Challenges

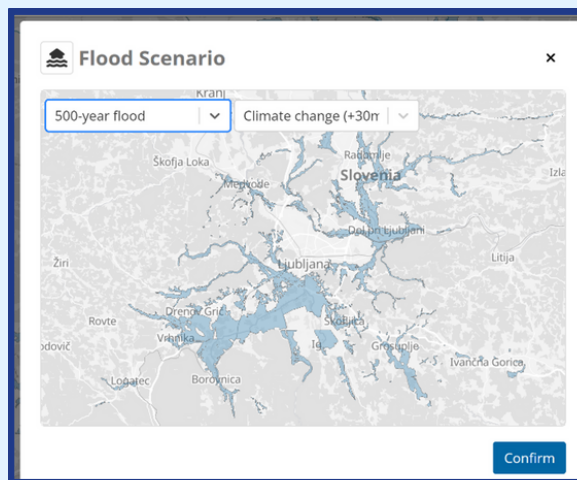
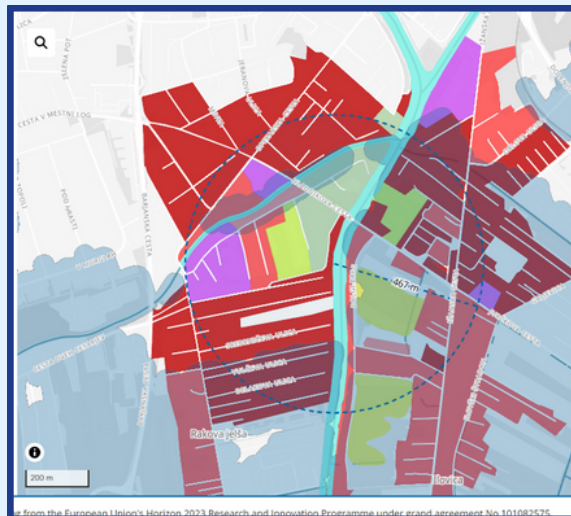


- Understand & manage urban flood risks
- Assess flood damage under current & future climate scenarios
- Evaluate the impact on blue-green infrastructure (BGI)

Use & Applicability



- Assesses flood risk, simulate retrofits and improve resilience
- Visualises flood damage, identifies priorities areas and prioritise adaptation efforts
- Supports strategies & informed decisions on adaptation measures



Main features



- Interactive web tool with flood maps
- Damage & blue-green infrastructure (BGI) impact analysis
- Future flood projections
- Retrofit strategy evaluation

Social impact



- Promotes green solutions to urban flooding
- Enhances urban resilience to climate change
- Encourages investment in nature-based solutions
- Reduces flood vulnerability & damage