SELINA SCIENCE FOR EVIDENCE-BASED AND SUSTAINABLE DECISIONS ABOUT NATURAL CAPITAL

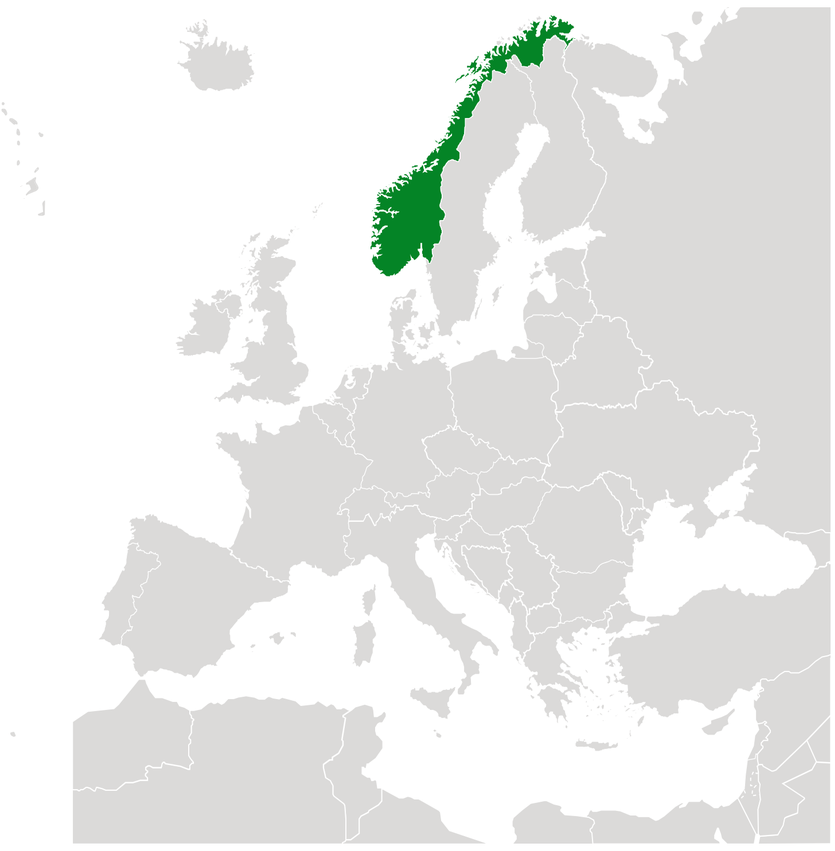
DP 09

INTEGRATION OF PUBLIC-PRIVATE ECOSYSTEM SERVICES KNOWLEDGE IN URBAN PLANNING & DESIGN IN NORWAY

asplan viak

- Forests
- Wetlands
- Agroecosystems
- Rivers and lakes
- Heath and grasslands
- Marine ecosystems
- **Urban**
- **Coastal landscapes**

Enhance urban design through nature-based solutions, ecosystem service mapping, and public-private integration via developing a cost-effective digital twin



Expected outcome

A digital twin model that would allow to test the Blue-Green Factor (BGF), a tool developed to ensure biodiversity habitat and ecosystem services in physical planning and development.

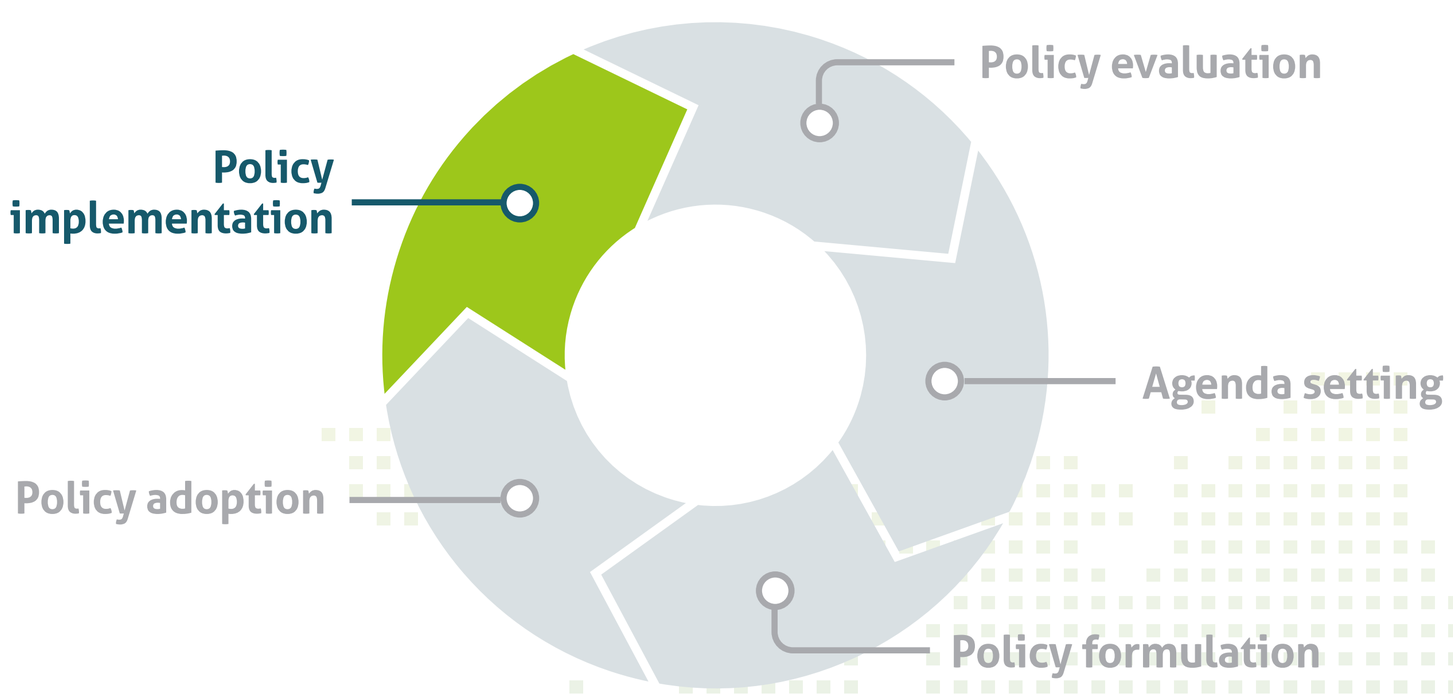
Anticipated benefits

The Digital Twin provide a powerful tool for analyzing and planning ecosystem services such as carbon storage, stormwater management, and urban nature planning. By developing a digital twin, the project aims to enhance decision-making, promote data sharing, and boost community engagement for sustainable, transparent urban design and ecosystem services in Grønlikaia.

Stakeholders

- Public sector
- Research and education
- NGOs and civil society
- Private sector and industry

Business application to support strategic decision-making



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