

Integrate Nature-based Solutions



IntegrateNBS

Fulfilling the Transformative Potential of Nature-Based Solutions: From Fragmentation to Integration

What's the problem?

How can urban spaces become spaces of human and ecological thriving? Nature-based Solutions (NbS) are being hailed as solutions that contribute to solving many of today's most pressing social-environmental challenges in urban areas, in ways that are environmentally sound, economically viable and socially just. But implementation of NbS is slow and outcomes vary, hampered by inflexible and siloed forms of governance, conflicts over land use and costs, and social exclusion. To address these challenges, IntegrateNBS proposes an integrative approach to the development and implementation of NbS that accounts for 1) multiple and interlinked social-environmental challenges, 2) multiple kinds of governing entities and societal stakeholders, and 3) multiple social dimensions of change.

What will we do?

Through six cases in Norway, Poland, Spain, and Sweden, we will:

- Develop and employ an **“integrative lab” methodology** to enhance the transformative potential of NbS;
- Develop and run a **“train the trainers” module** to ensure ripple effects from the project;
- Develop and test a **set of measurable indicators** for “successful” NbS development and implementation.



Sogndal, Norway



Minsk, Poland



Bilbao, Spain



Gotland, Sweden



Lund, Sweden



Ebro basin, Spain

What impacts will it have?

The overarching goal of this project is to support and enhance the potential of NbS to **respond** to the interconnected social-environmental challenges while also **realising** the potential for all urban and rural spaces to become spaces of ecological and human thriving, marked by resource efficiency, dignity and livability for current and future generations.

Who we are



LUND
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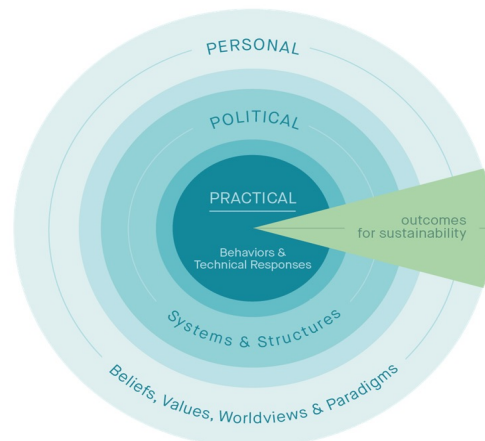
Nordregio



SGGW



Potential of Nature-based Solutions (IUCN 2019)



The project is informed by the Three Spheres of Transformation framework (O'Brien and Sygna 2013, based on Sharma 2017)

What needs to be integrated?

Integrate multiple and interlinked social-environmental challenges

- Climate change (adaptation and mitigation)
- Biodiversity loss
- Social inequality

Integrate multiple kinds of governing entities and societal stakeholders

- Government officials
- Land-owners
- Civil society actors
- Inhabitants
- Business-owners

Integrate multiple social dimensions of change

- Behaviours and technical responses
- Systems and structures
- Individually and collectively held beliefs, values, worldviews and paradigms