

Catalyzing innovation: governance enablers of nature-based solution success stories

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Task 5.1 Research

Nature-based solutions are “solutions that are inspired and supported by nature, which are cost-effective, simultaneously provide environmental, social and economic benefits and help build resilience” (EC, 2015)

Co-designed nature-based solutions for landslide risk mitigation in Nocera Inferiore (Italy): The grey versus green battlefield

Green is the new grey on Munich's Isar River (Germany): Innovative nature-based solutions boost ambitious flood protection scheme



Carrots and sticks for conserving the forest: A Nature-based Solution for Wolong Nature Reserve (China)

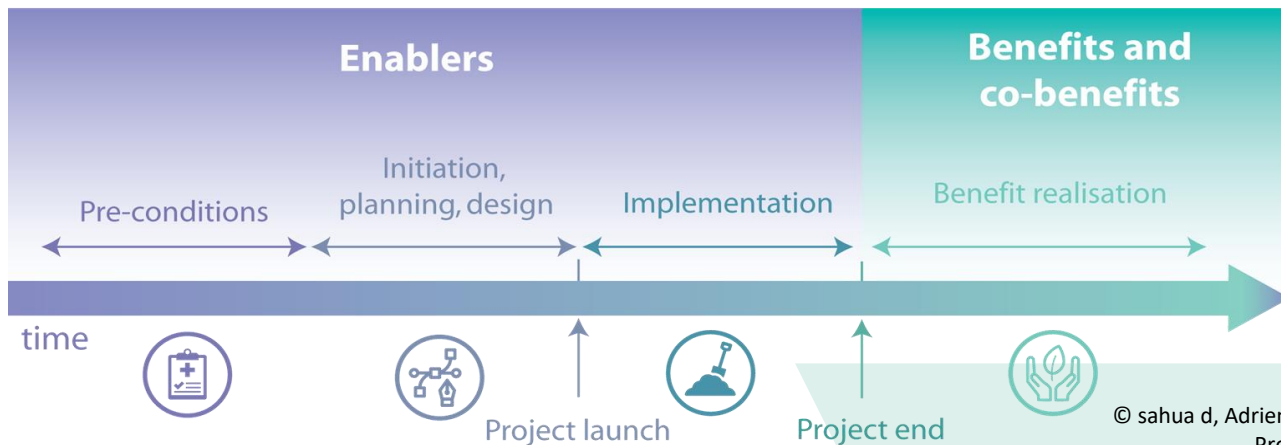


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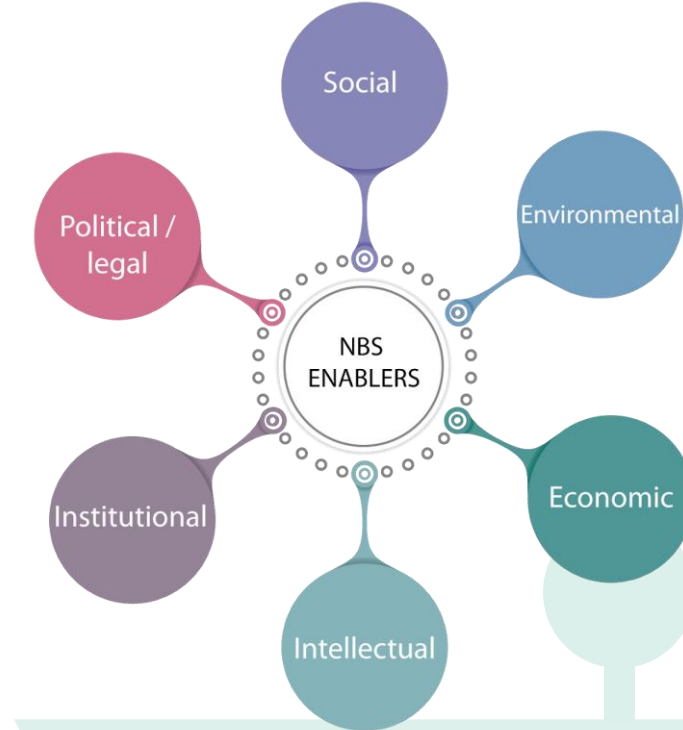


Methods and aims

- Grey and peer-reviewed literature review, targeted open ended interviews
- Research questions:
 - How do public authorities and other stakeholders view the success of implemented NBS in terms of their main benefits and co-benefits?
 - What pre-existing conditions (external to the project) and new and potentially innovative factors helped enable the NBS?



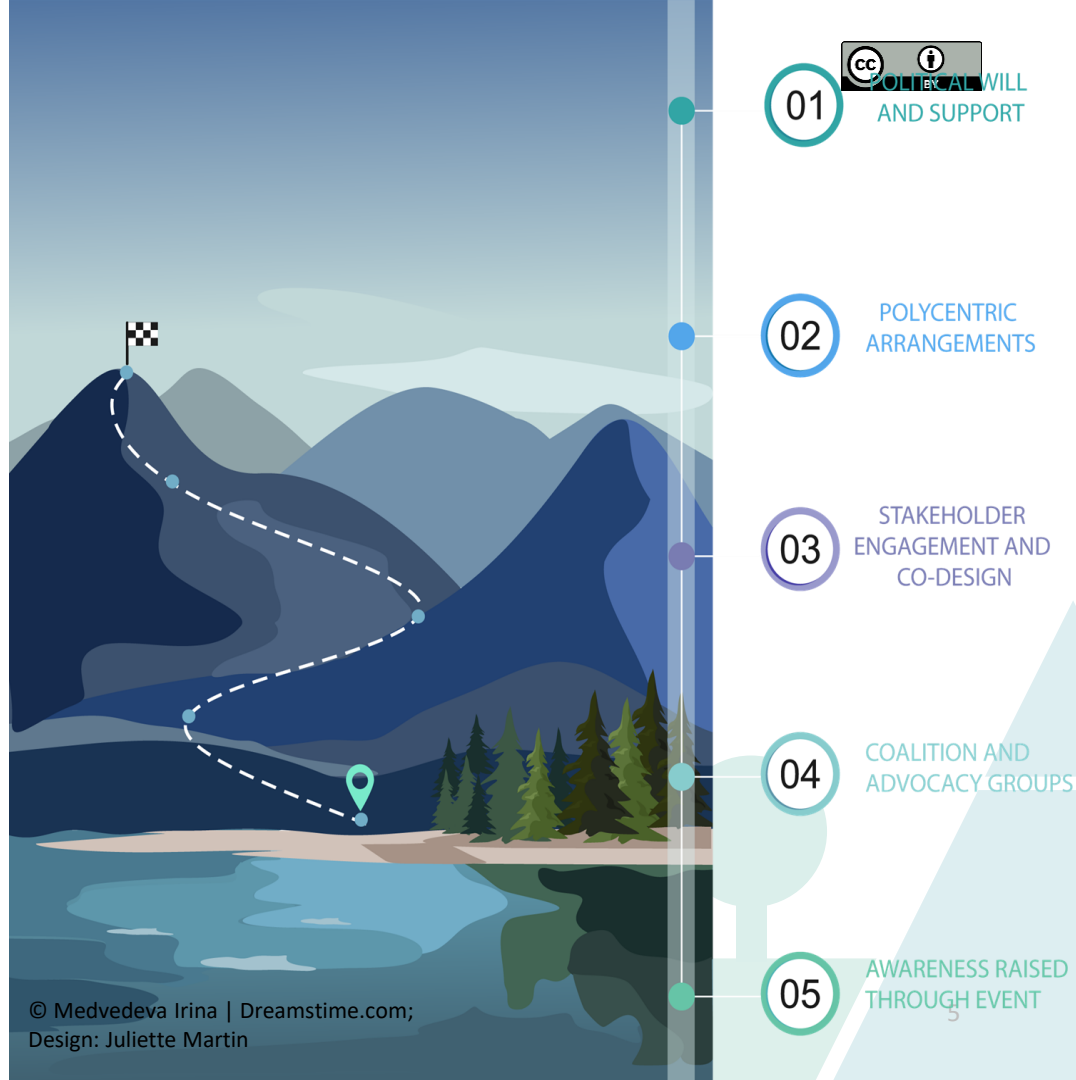
NBS success criteria used



Main results

Governance innovation was demonstrated in 3 key areas:

- **Polycentric governance:** novel arrangements across sectors and scales
- **NBS co-design:** innovative stakeholder participatory processes
- **Financial incentives:** unprecedented mechanism to monitor illegal logging



Further research & discussion

- How can we incentivize NBS implementation for Disaster Risk Reduction – locally, regionally, or globally?
- What governance innovation is needed to achieve wider NBS uptake?
- What are the main opportunities and barriers for implementing NBS?
 - From a policy perspective (i.e. policy mechanisms)
 - From a financial perspective (i.e. financial mechanisms)
- What role can businesses play?



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Thank you!



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