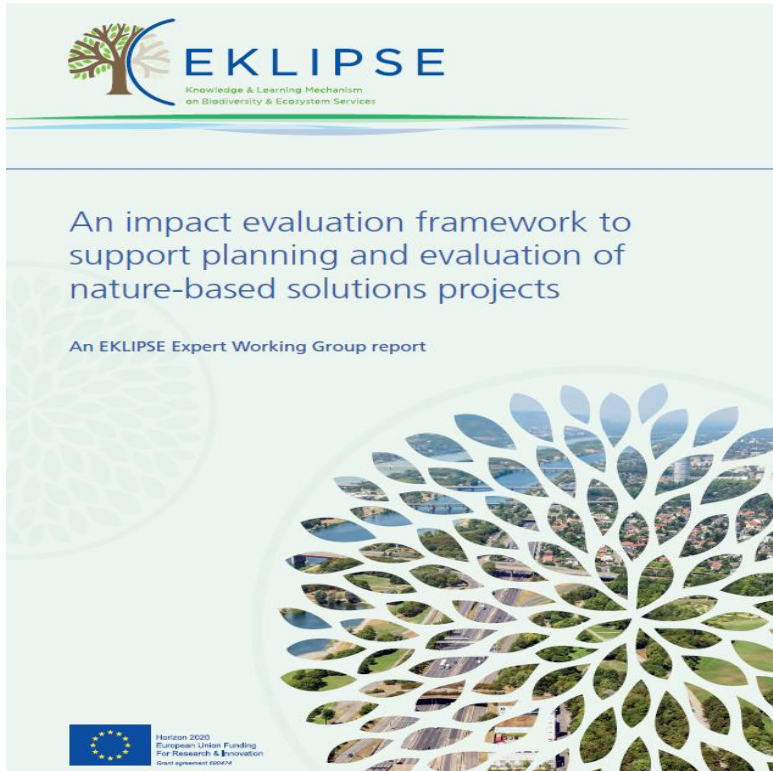


EKLIPSE Framework Report NBS | Connecting H2020 Projects



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CO-AUTHORS OF THE FRAMEWORK



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OBJECTIVE & AUDIENCE

OBJECTIVE 1

To develop an impact evaluation framework with a list of criteria for assessing NBS' performance in dealing with challenges related to climate resilience in urban areas

AUDIENCE

- Current and future European projects with an interest in nature-based solutions in urban areas
- Practitioners seeking to compare the effectiveness of NBS design, implementation and evaluation.

European Commission – investing > 100M Euros/yr in NBS until end of 2019. needs multiple lines of evidence to support future investments in ecosystem-based approaches in cities as part of FP 9 and beyond

METHODS – QUICK SCOPING REVIEW

AGREED ON CRITERIA TO BE USED TO REVIEW LITERATURE RELEVANT TO EACH CHALLENGE

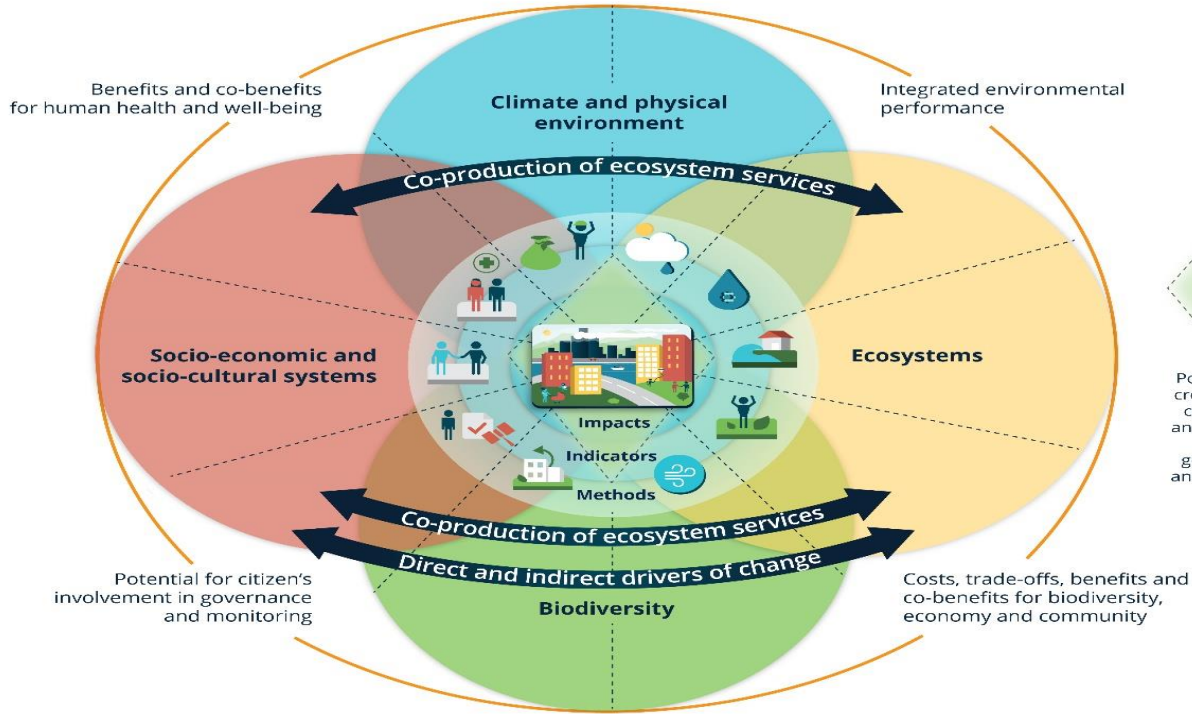
NBS objectives & actions relevant to challenge

Expected impacts of actions (benefits, costs, co-benefits, synergies, trade-offs)

Examples of indicators for assessing impacts

Examples of methods for assessing indicators

Potential success and limiting factors of NBS



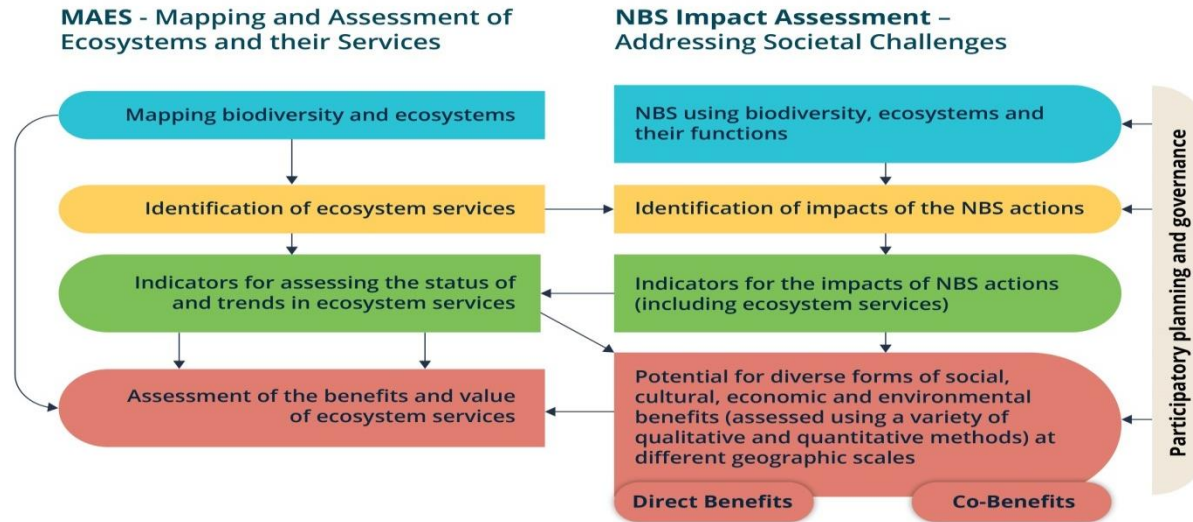
Potential for cross-cutting challenges and solutions across geographic and temporal scales

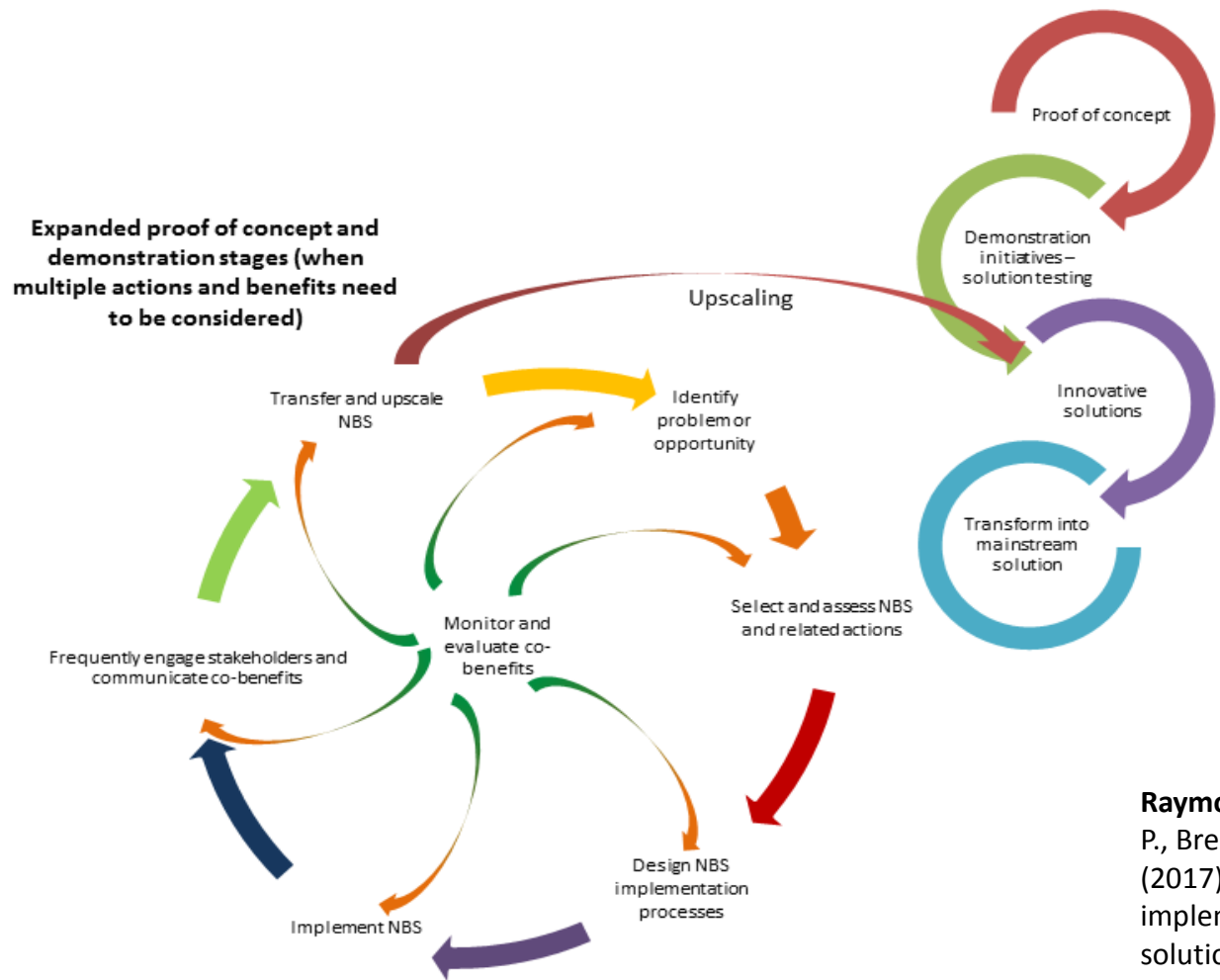


IMPACT ASSESSMENT FRAMEWORK

- | | | | | |
|---|--|---|---|--|
| 
Climate Mitigation and Adaptation | 
Water Management | 
Coastal Resilience | 
Green Space Management | 
Air Quality |
| 
Urban Regeneration | 
Participatory Planning and Governance | 
Social Justice and Social Cohesion | 
Public Health and Well-being | 
Economic Opps. and Green Jobs |

RELATIONS BETWEEN NBS FRAMEWORK AND MAES (2013)





Raymond, C.M., Frantzeskaki, N., Kabisch, N., Berry, P., Breil, M., Nita, M.R., Geneletti, D., Calfapietra, C. (2017). A framework for assessing and implementing the co-benefits of nature-based solutions in urban areas. *Environmental Science and Policy*. 77:15-24.

IDENTIFY PROBLEM OR AN OPPORTUNITY

- 3.1.1 What are the identified needs and challenge areas to be addressed in the project and which criteria will be employed to understand problem dynamics?
- 3.1.2 What NBS are proposed to address these problems? Which alternative grey solutions are at stake?

SELECT AND ASSESS NBS AND RELATED ACTIONS

- 3.2.1 How are the objectives of the plan identified?
- 3.2.2 How are the actions relevant to NBS identified?

KEY MESSAGES

- NBS impact assessment framework
 - 10 challenges – actions, impacts, indicators
 - Emphasises the assessment of NBS co-benefits and costs within and across elements of the socio-cultural and socio-ecological system
 - Intended to guide further NBS research and implementation
- NBS implementation process
 - Cyclic
 - Monitoring and evaluation are at the heart of the process – occurs at multiple phases

THANK YOU!

A BIG THANK YOU TO:

- EKLIPSE NBS EWG Members & 2 RAs
- EKLIPSE Secretariat
- EKLIPSE Knowledge Coordination Body
- External reviewers of the protocol
- Internal reviewers of the report (existing European projects)
- External reviews of near final report

REPORT NEXT STEPS

- Successful NBS projects have agreed to use framework as a starting point impact assessment

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