



BiodivERsA KICK-OFF MEETING OF THE 2015-16 COFUND CALL

Brussels, 4 April 2017

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DG Research & Innovation**

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Structure

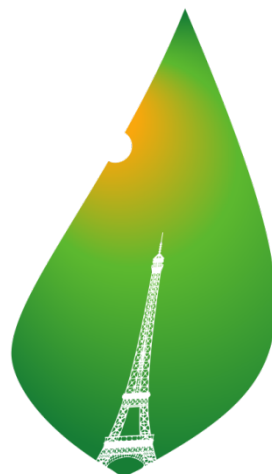
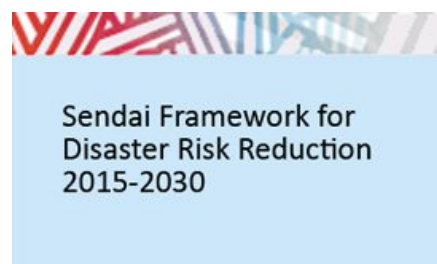
Current policy context for EU R&I

EU R&I for Nature-Based Solutions (NBS):

- *Definition*
- *Objectives*
- *Roadmap and Implementation*
 - *H2020 – NBS*
 - *BiodivERsA*
 - *ThinkNature, Oppla, EKLIPSE*



Current policy context for EU R&I



PARIS2015
UN CLIMATE CHANGE CONFERENCE
COP21·CMP11



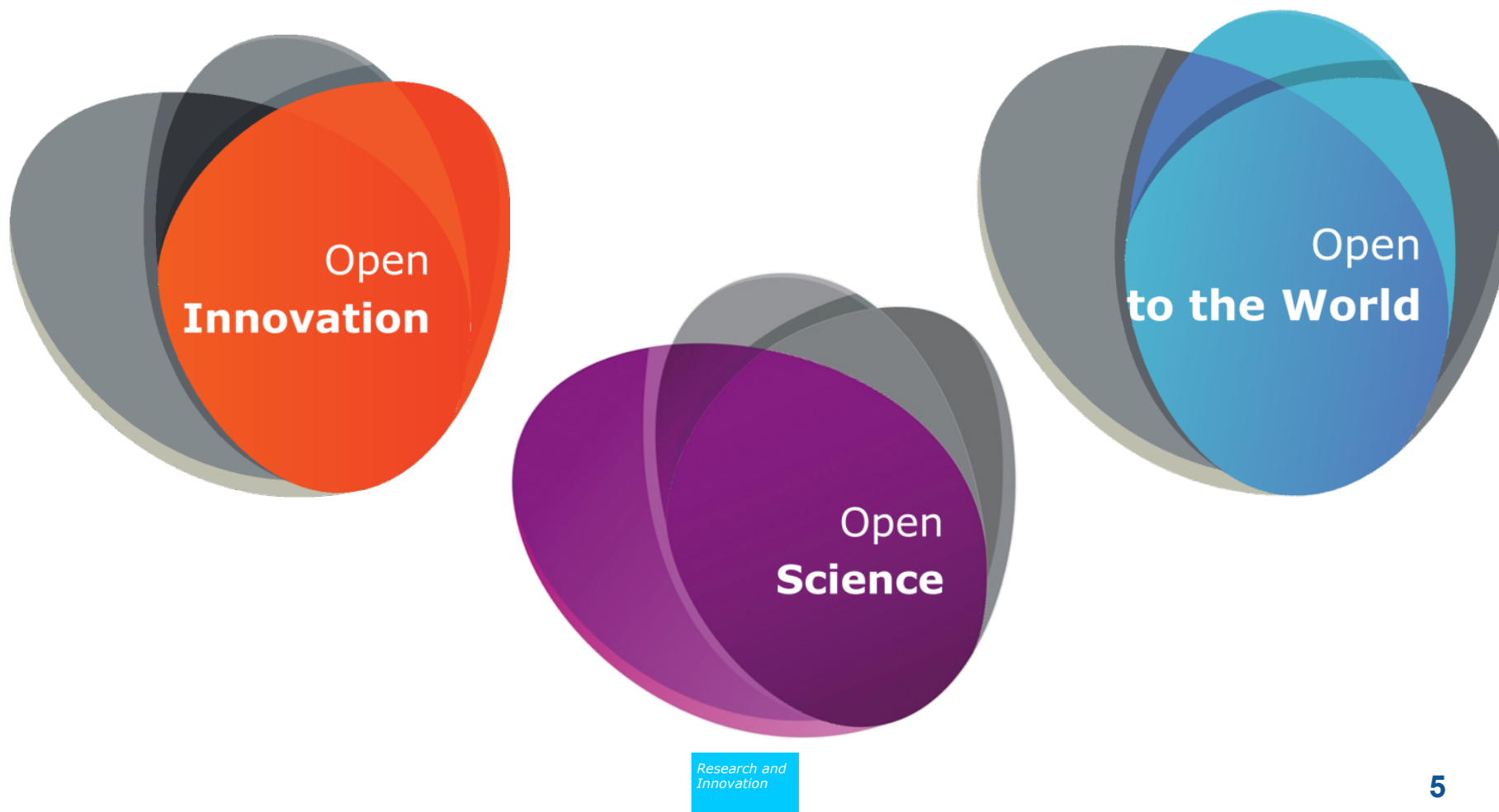


Current policy context for EU R&I





Current policy context for EU R&I

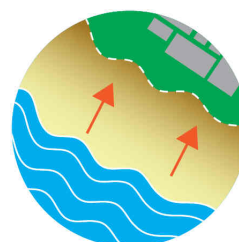




Defining Nature-based solutions

Solutions inspired and supported by nature that simultaneously provide environmental, social and economic benefits and help to build resilience

Solutions that bring more nature and natural features and processes into cities, landscapes and seascapes, through locally adapted, resource-efficient and systemic interventions

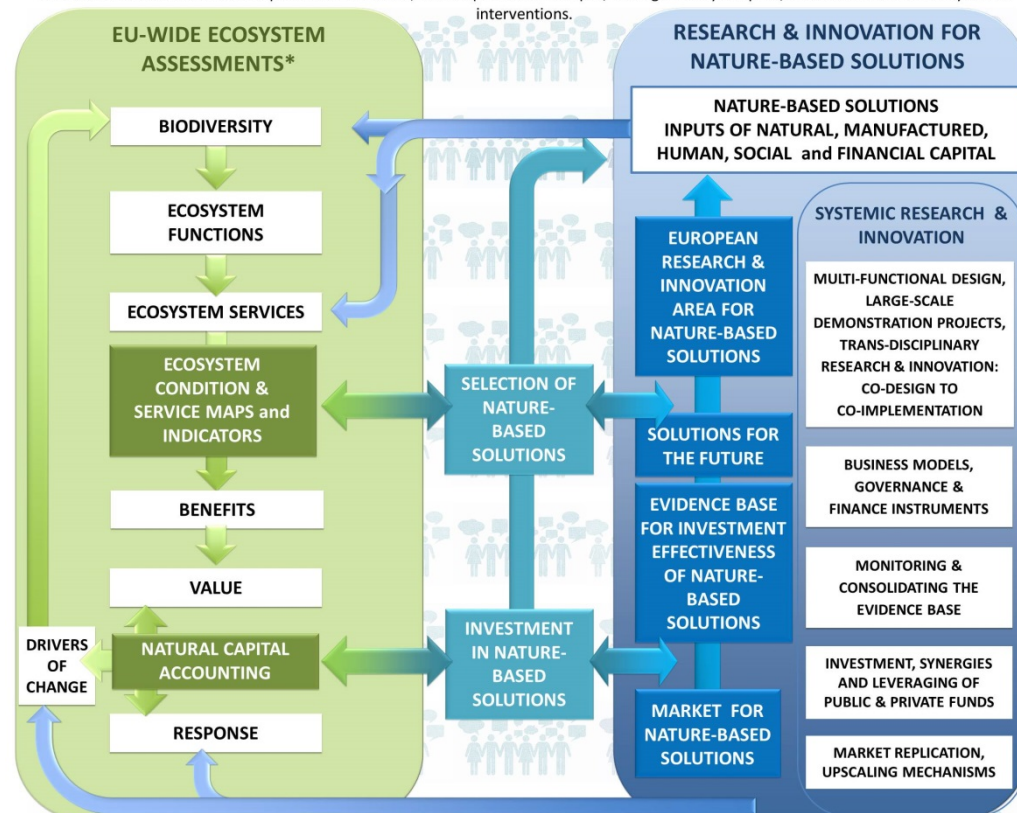


A CONCEPTUAL FRAMEWORK LINKING

RESEARCH & INNOVATION FOR NATURE-BASED SOLUTIONS AND EU-WIDE ECOSYSTEM ASSESSMENTS :

A 'SPRINGBOARD' FOR DISCUSSION

NATURE-BASED SOLUTIONS are understood as living solutions that are inspired and supported by nature, which are efficient and cost-effective, simultaneously provide environmental, social and economic benefits and help build resilience. Nature-based solutions bring more nature and natural features and processes into cities, landscapes and seascapes, through locally adapted, resource-efficient and systemic interventions.



* Freely adapted from MAES Working Paper 2013

This is a preliminary attempt at linking MAES with Nature-based Solutions R&I. Further links need to be made to Green Infrastructure, Ecosystem Based Adaptation, eco-Disaster Risk Resilience, Natural Water Retention Measures

HORIZON 2020 WORK PROGRAMME 2017

SOCIETAL CHALLENGE 5: NATURE-BASED SOLUTIONS FOR TERRITORIAL RESILIENCE, CULTURAL HERITAGE FOR SUSTAINABLE GROWTH, SME INSTRUMENT
CROSS-CUTTING ACTIVITIES - SMART AND SUSTAINABLE CITIES: SUSTAINABLE CITIES THROUGH NATURE-BASED SOLUTIONS

RTD-ENV-NATURE-BASED-SOLUTIONS@ec.europa.eu

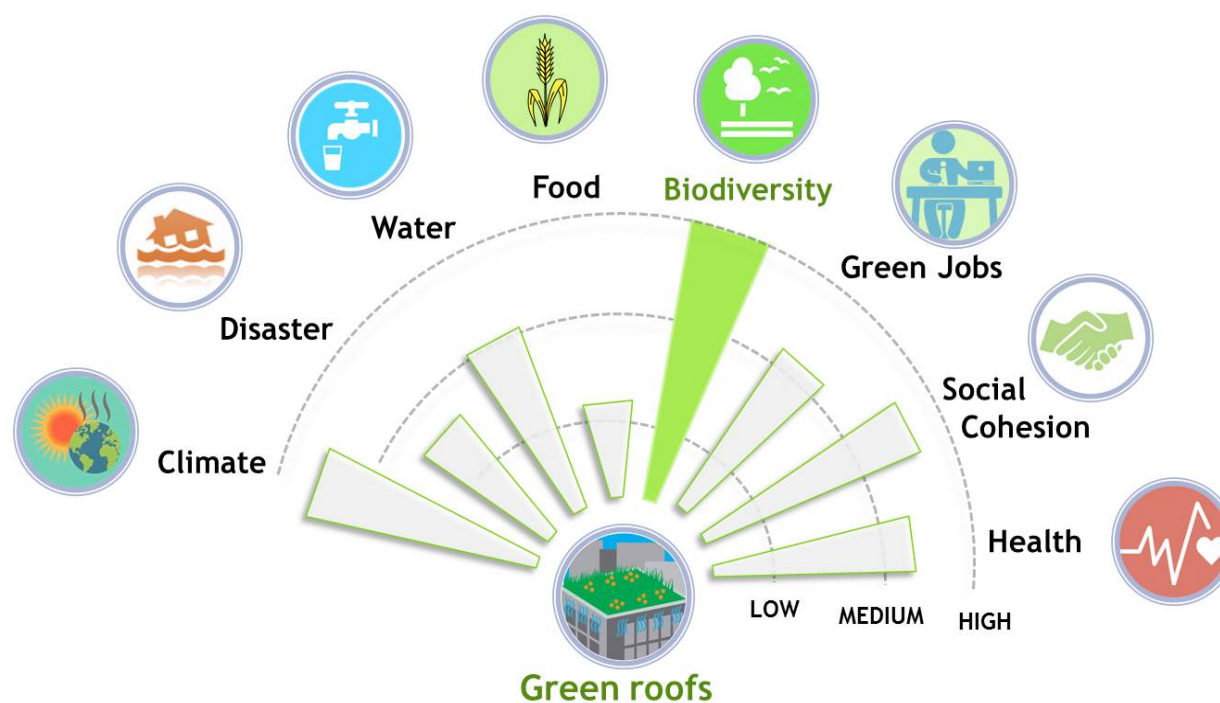


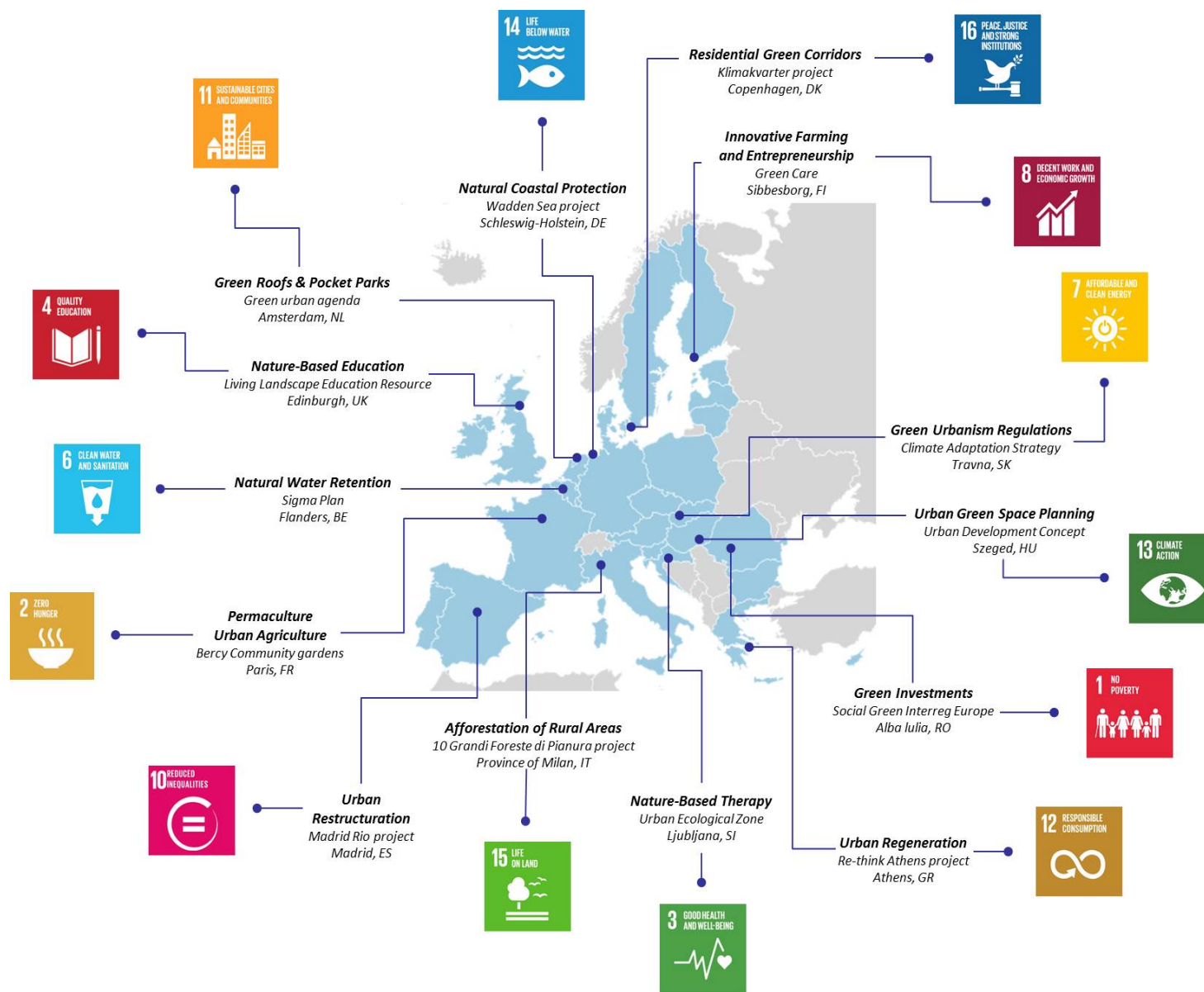
Research and
Innovation

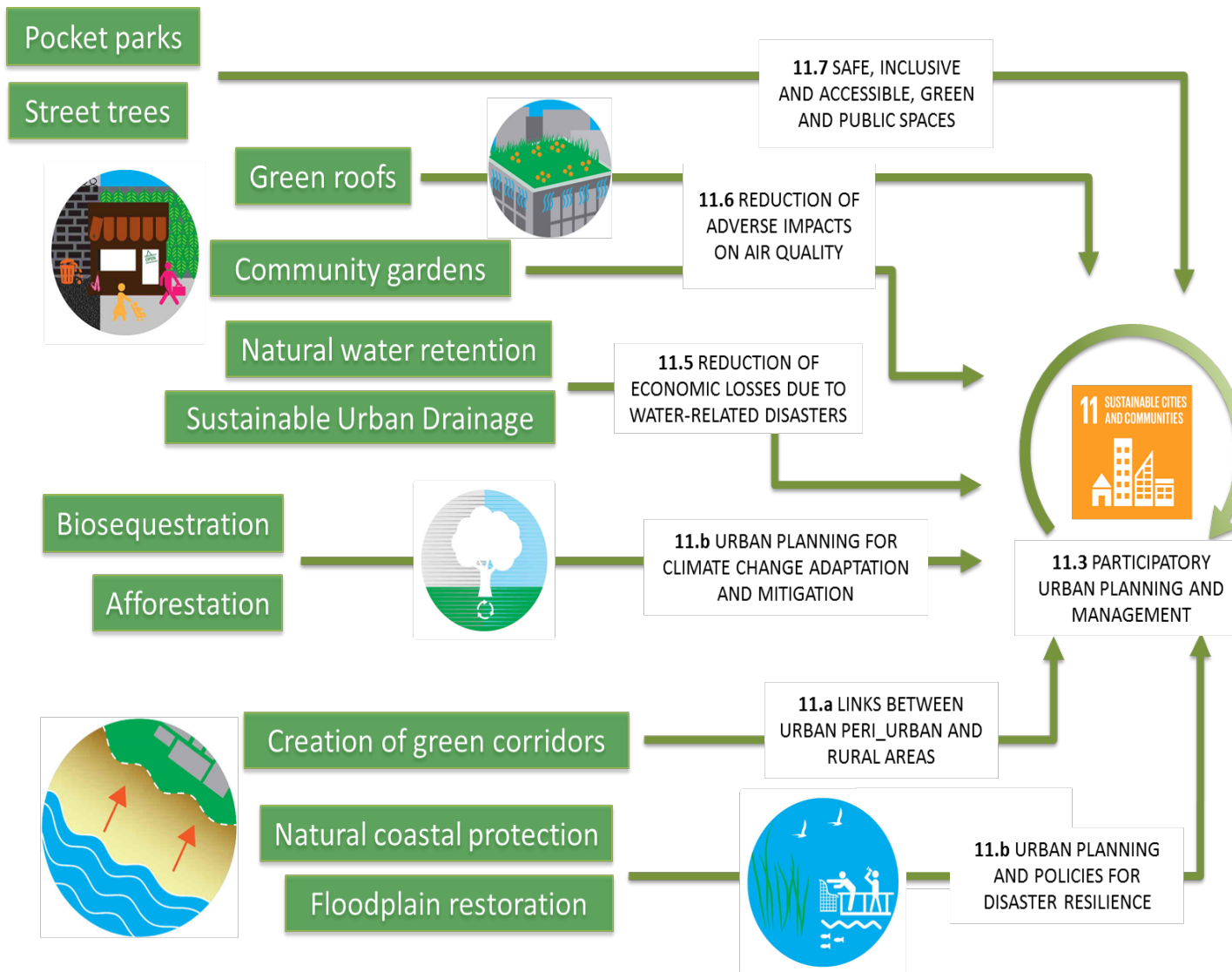




Nature-Based Solutions: economic, social and environmental benefits (& trade-offs)









Main objectives for EU R&I on NBS

- Foster awareness and engagement
- Promote all types of systemic innovation
- Provide systemic, scalable and integrated nature-based solutions
- Foster co-design, co-development, co-implementation of solutions
- Leverage of investment (public & private sector)
- Support replicable solutions close to the market in Europe and beyond



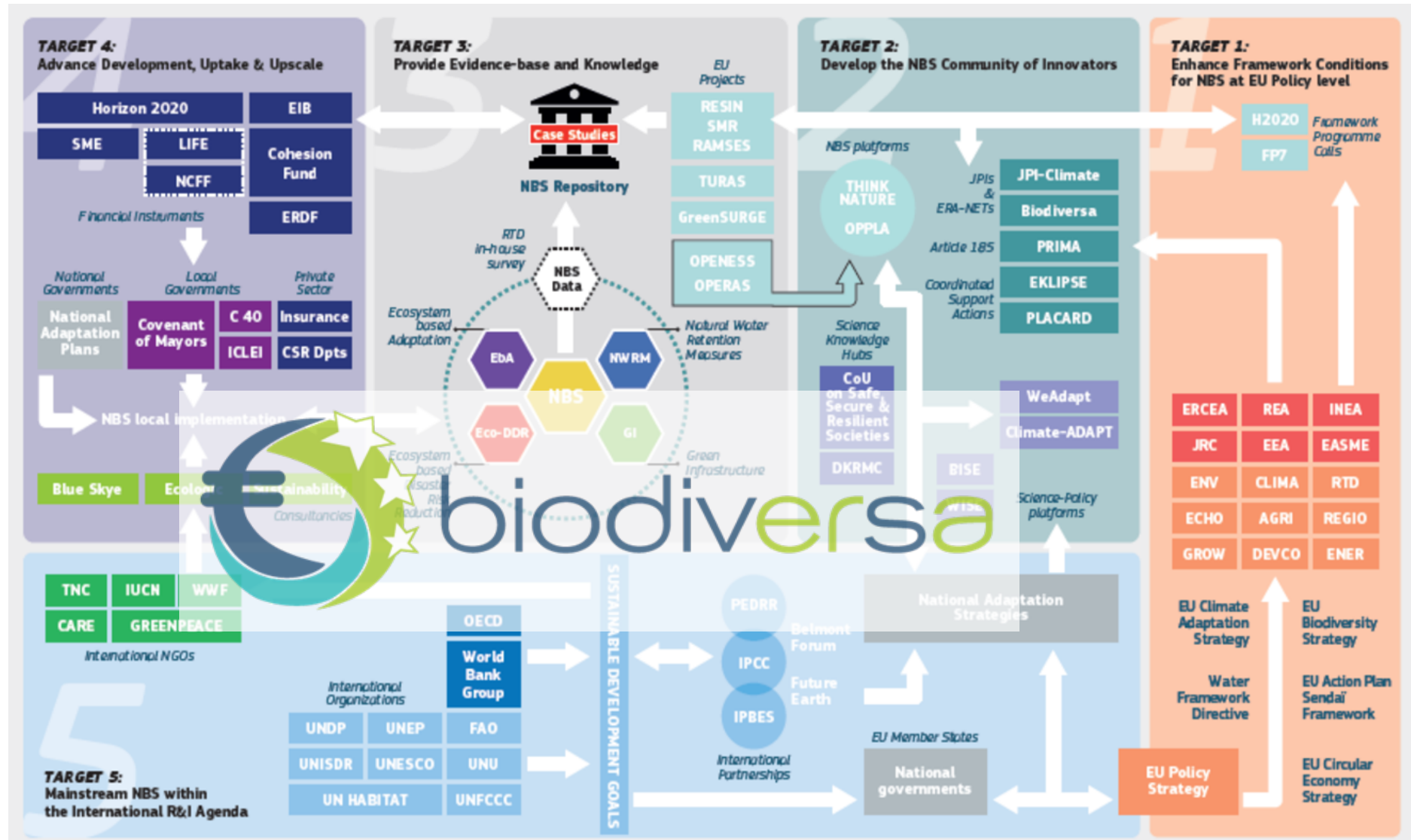


Implementation of Nature-based solutions:

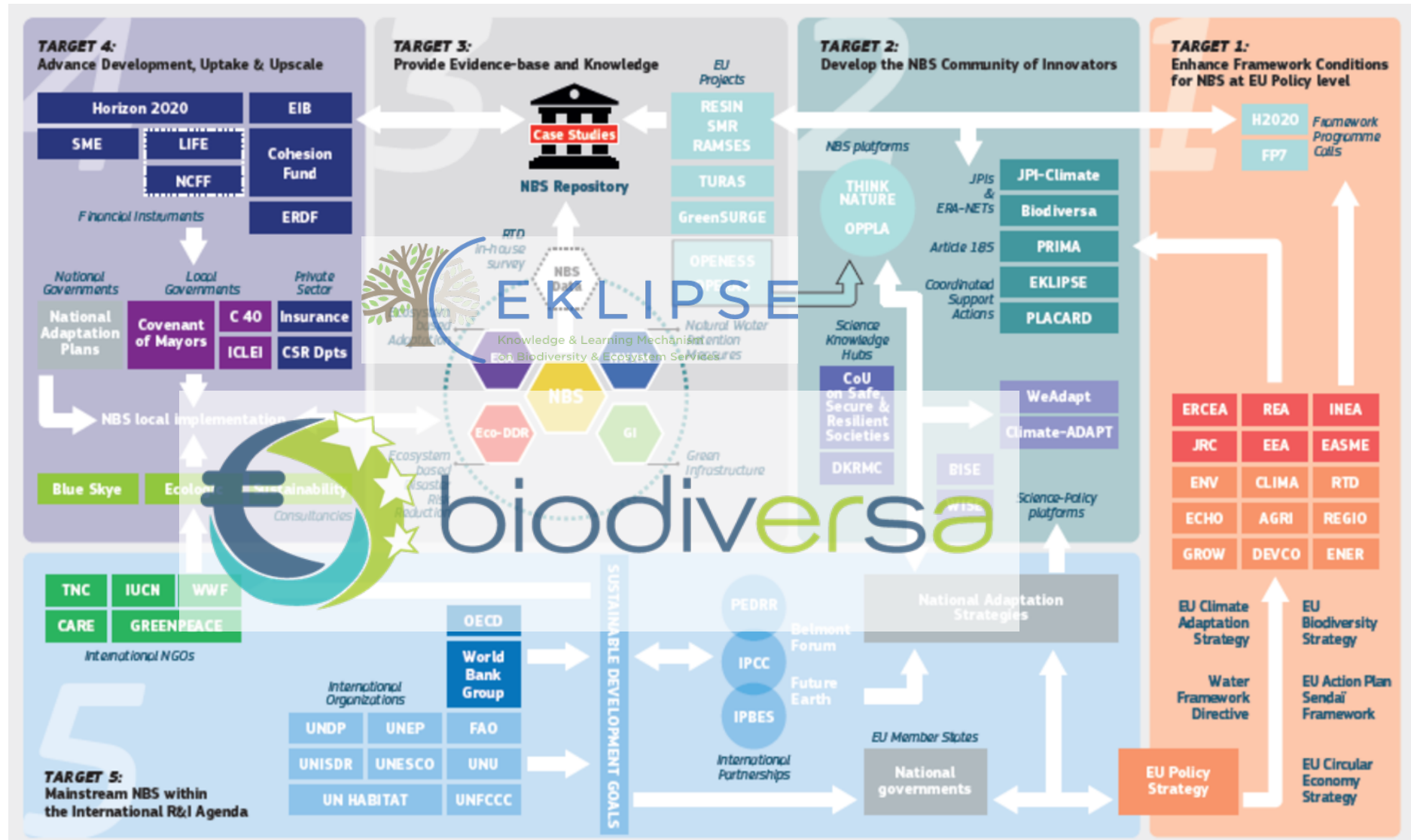
- Large scale demonstration projects on the effectiveness, applicability and replicability of Nature-Based Solutions
 - EKLIPSE expert working group on nature-based solutions: impact evaluation framework
- Testing of new means of collaboration, financing and governance (PPPs, innovative financing, business and organisational models and public procurement, social innovation, citizen engagement)
- Establishment of dialogue platforms for diverse stakeholders
- Networking of existing initiatives on Nature-Based Solutions
- Cooperation within Europe and internationally



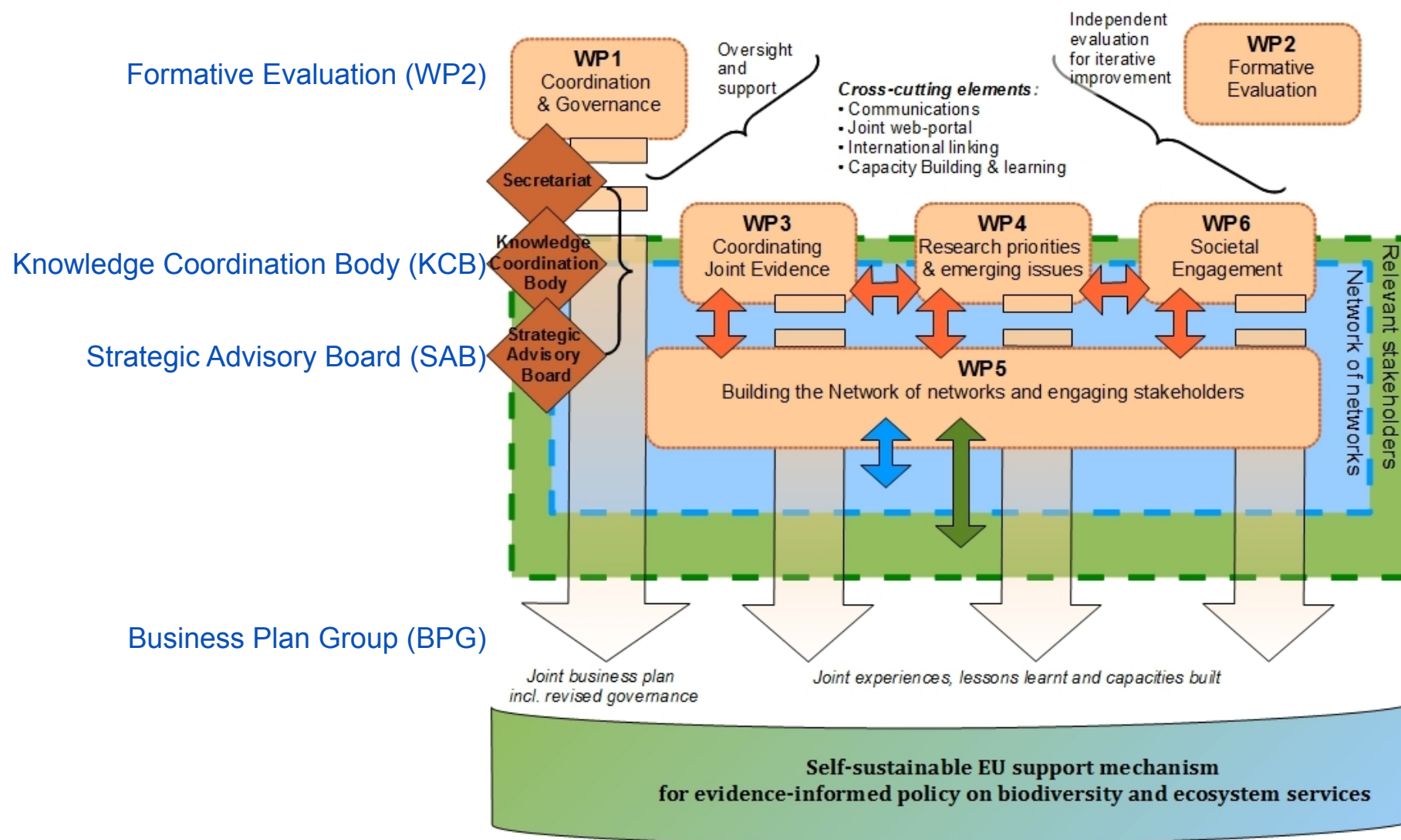
Nature-Based Solutions Roadmap



Nature-Based Solutions Roadmap



Project structure: Formative Evaluation, SAB, KCB and BPG



First request

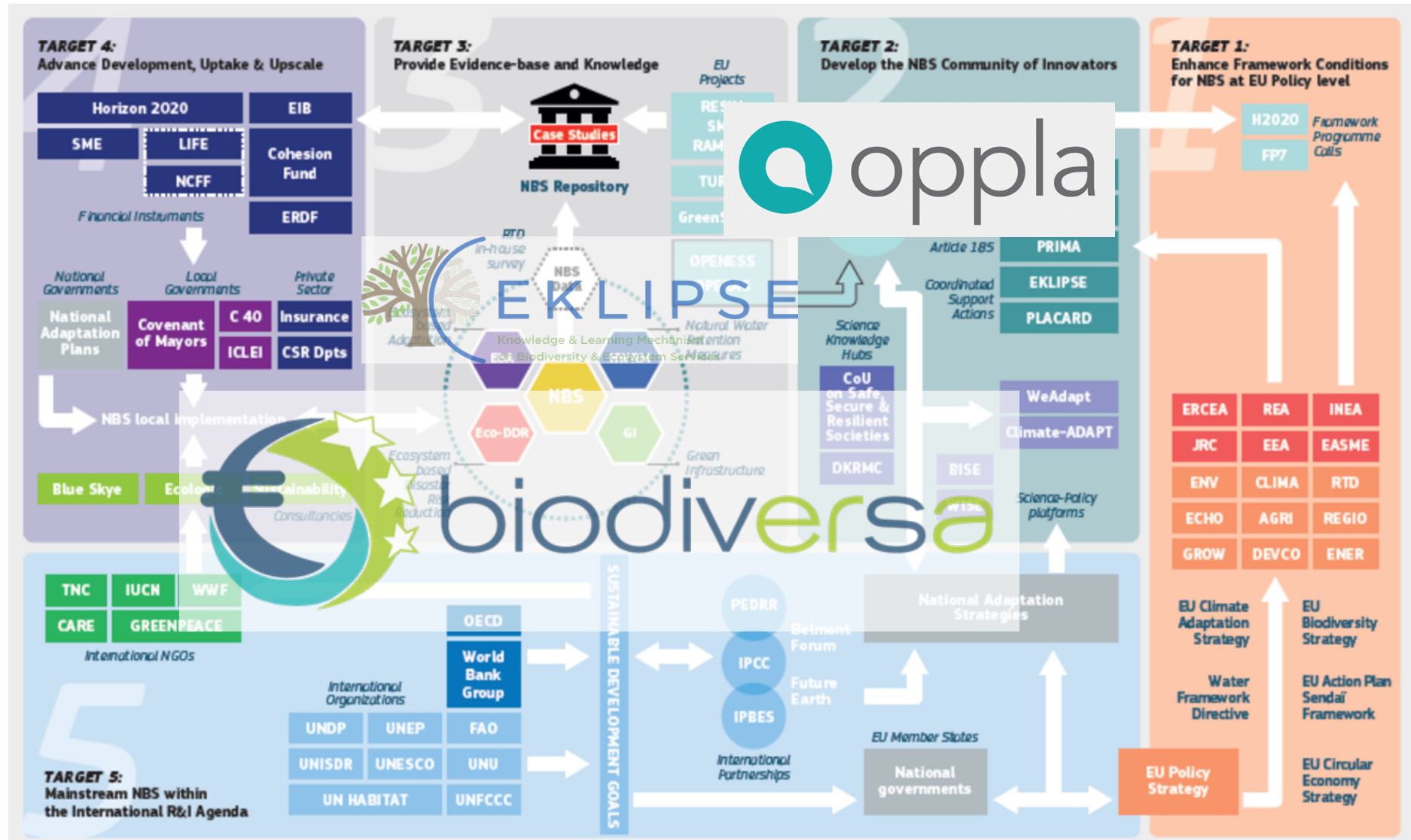
An impact evaluation framework to
support planning and evaluation of
nature-based solutions projects

An EKLIPSE Expert Working Group report

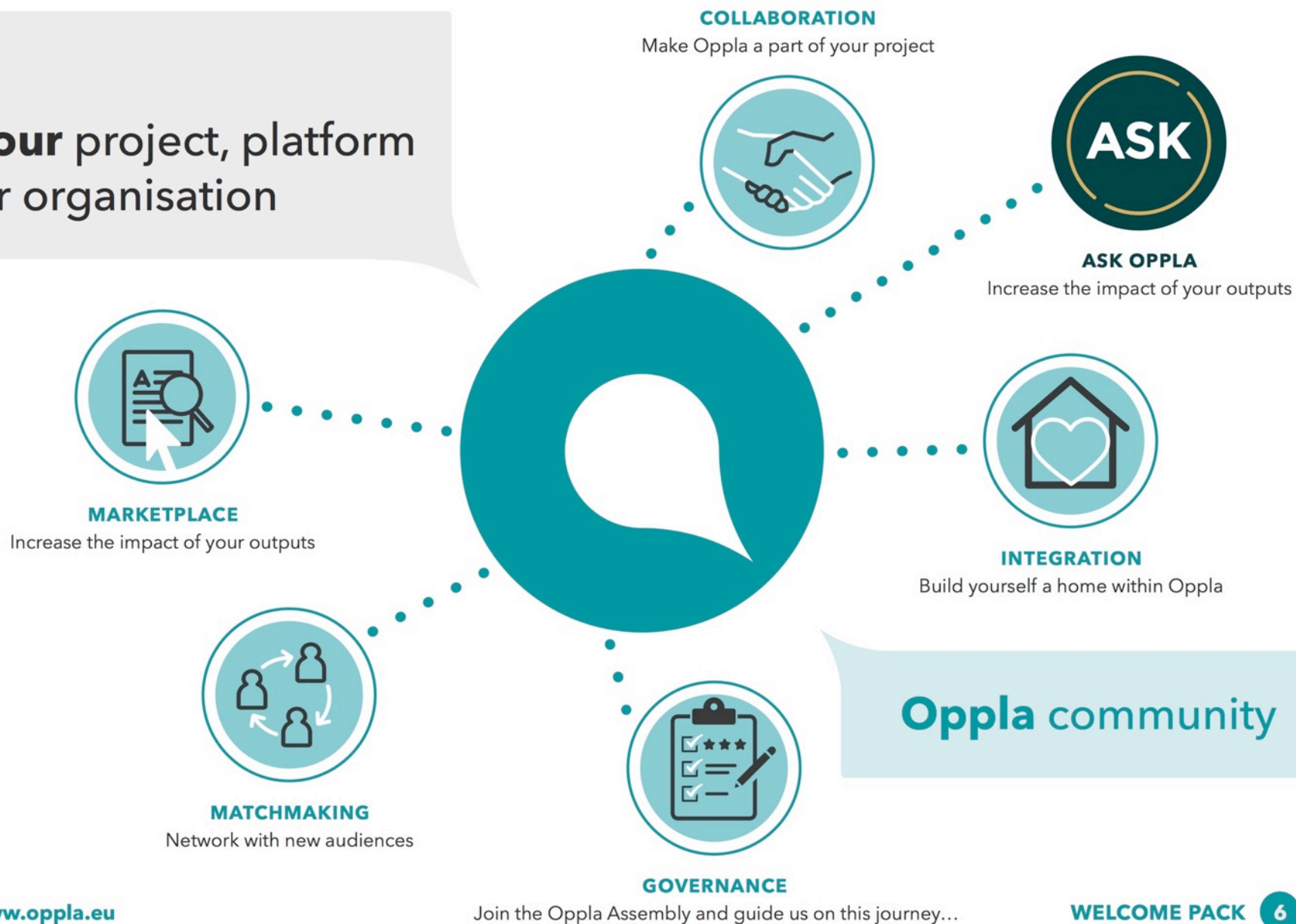
ustration ...

Uptake and comments, via [Oppla marketplace](#), encouraged

Nature-Based Solutions Roadmap



Your project, platform
or organisation





enter search terms:



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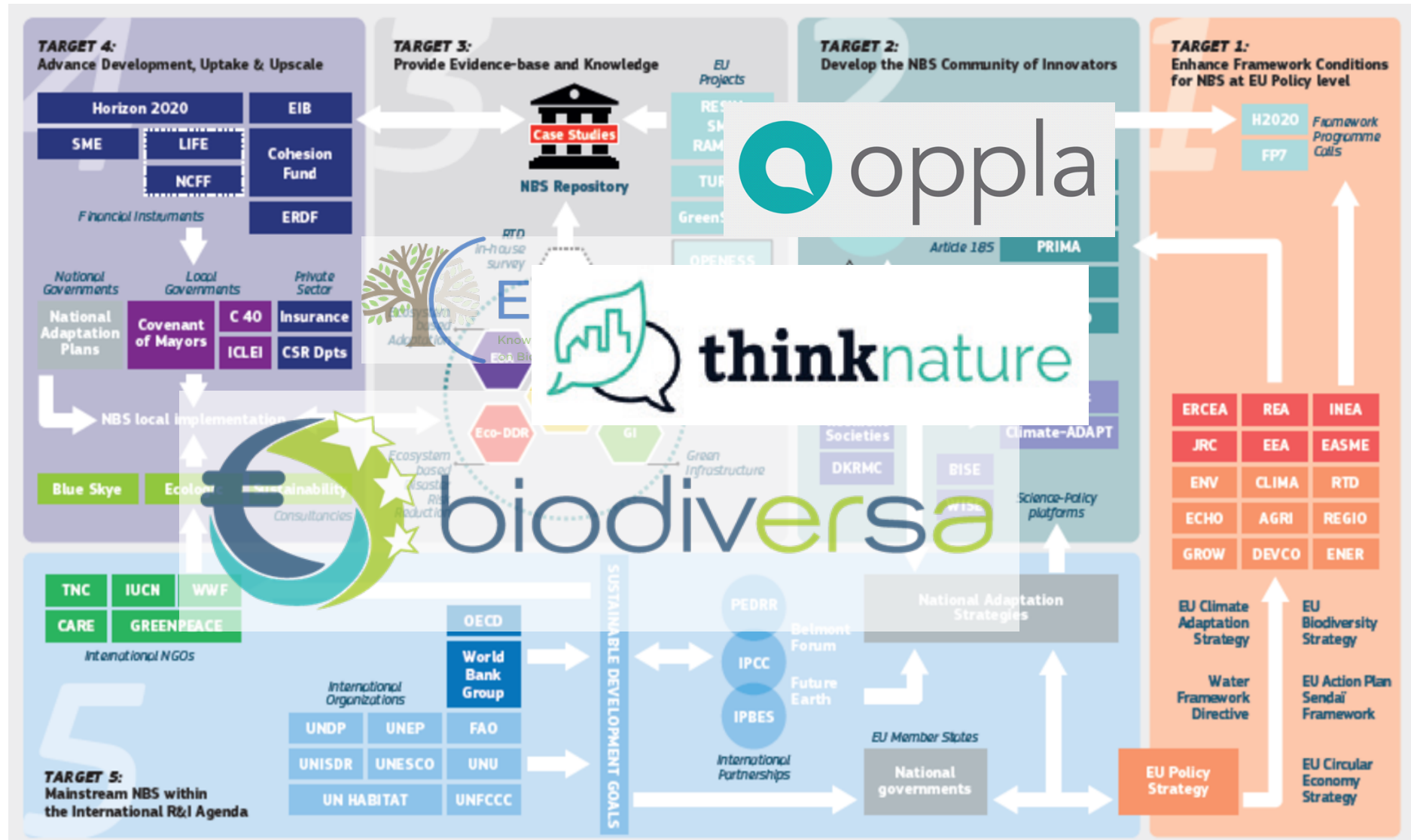
Home

Barcelona: Nature-based Solutions (NBS) Enhancing Resilience to Climate Change



- Technical innovation
- Social and governance innovation
- Land-management & planning innovation
- Regulatory innovation
- Business and finance innovation

Nature-Based Solutions Roadmap





HORIZON 2020

**An open invitation to work
with you to work with nature!**

Find out more:
www.ec.europa/research/horizon2020

HORIZON 2020