

## **Impacts of Public-Public Partnerships** expectations and experiences

Session #1: impacts at policy & network level

Name of presenter: Xavier LE ROUX

Name of network/organisation: BiodivERsA



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### Challenge tackled by BiodivERsA:

- Unsustainable activities and land management → increased degradation of biodiversity and ecosystem services...
   ...with a rising cost for European societies
- A need to develop science-based approaches to better preserve and sustainably use biodiversity...

...and to develop Nature-based solutions while promoting European innovation & competitiveness

#### Effective response to this challenge => required improvements in relation to policy:

- More coordinated research efforts
- Reduced duplication and fragmentation of research activities
- Promotion of a more systemic and trans-disciplinary research, bridging the gap between R&I





### Specific requirements in relation to the very scientific area addressed :

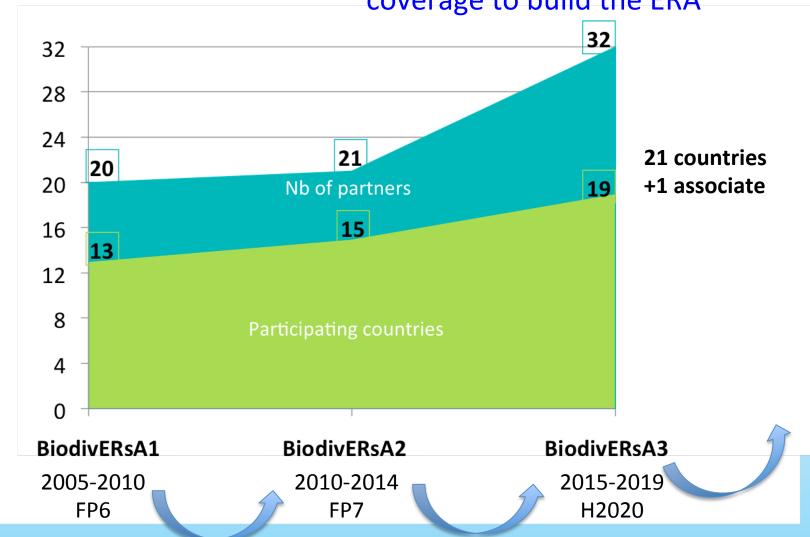
- Promoting the linkages between natural and social sciences
- Stimulating a research that considers threats but works on solutions
- Promoting stakeholder engagement throughout the whole research process
- Stimulating closer links between research and business, and research and innovation



## biodiversa Impact at network level

## # Enduring connectivity: better









# biodiversa Impact at network level

# # Enduring connectivity: addressing a range of issues key to Joint Programming

	_	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
Gov	rernance & nmon rules															<b>→</b>
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Common priorities																
Share	ed roadmap _															$\rightarrow$
Joint imple	t call ementation –															
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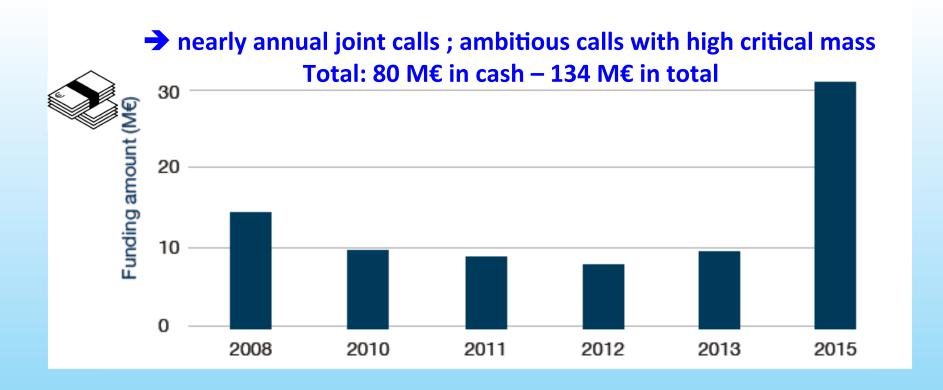




# piodiversa Impact at network level

# # Capacity building → efficiency of a large and diverse network

- Staff exchanges & ad hoc activities for new members
- Integration of 'low performing' countries & the overseas







## biodiversa Impact at network level

## # Attitudinal/cultural change ->

agreement on a new type of research that we should promote

Blue skye research

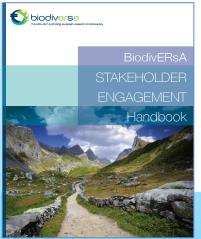


Applied research

Innovative & successful approach for promoting stakeholder engagement

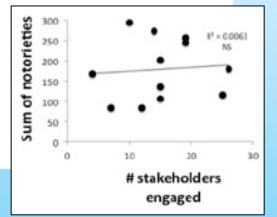
No trade-off between academic excellence & SH engagement

#### **Tools to help researchers**



#### Actual stakeholder engagement









## iodiversa Impact at network level

# Conceptual impact → agreed new way to envisage the challenge that we have to tackle

Threats - Biodiversity conservation



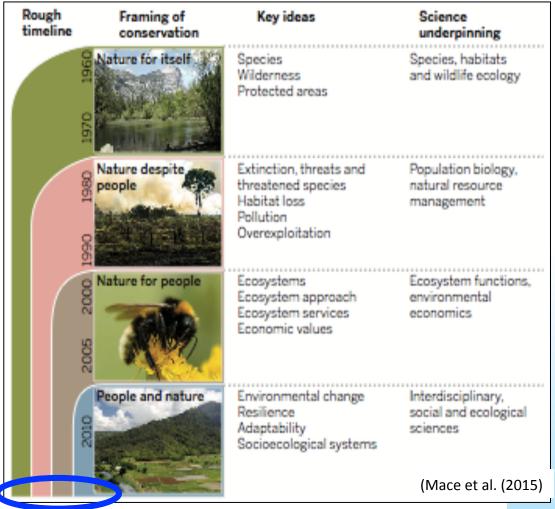
Our challenge = Biodiversity & Naturebased solutions

Vision and key challenges → the BiodivERsA SRIA

Use of biodiversity & ecosystem services

Biodiversity = multiple stakehoders...
...with contrasted views

- Biodiversity characterisation; understanding its dynamics under global change; conservation
- Biodiversity: an asset for ecosystem services; promoting multifunctionality and resilience
- Biodiversity as an asset for Nature-based solutions





BiodivERsA SRIA = bridges the gap between these different views and challenges



## This required foresight activities, particularly on the emerging concept of Nature-based solutions

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#### Nature-based Solutions: New Influence for Environmental Management and Research in Europe

Greening roofs or walls to cool down city areas during summer, to capture storm water, to abote pollution, and to increase human well-being while enhancing biodiversity: nature-based solutions (NBS) refer to the sustainable management and use of nature for tackling societal challenges. Building on and complementing traditional biodiversity conservation and management strategies, NBS integrate science, policy, and practice and create biodiversity benefits in terms of diverse, well-managed ecosysten

Hilde Eggermont, Estelle Balian, José Manuel N. Azevedo, Victor Beumer, Tomas Brodin, Joachim Claudet, Bruno Fady, Martin Grube, Hans Keune, Penelope Lamarque,

> Katrin Reuter, Matt Sm Wolfgang W. 1

Na Sons:

Natu

Co-produced by scientists, funders and stakeholders

environmental changes
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One approach to answer these characteristics of the second of the second

d Research in Europe | ogical systems, societal challenge

services

S ition and mutability and Garmestani and Garmestan

While ES are then valued in terms of human well-being and economy, NBS focuple and the environment itself, to allow for that are able to respond to environmental the long-term. NBS go beyond the tradition biodiversa

greening buildings, artificial ecosystems innovative planning design and of management of mew ecosystems TYPE 3: of agricultural maximization of the delivery of key services stakeholder groups landscapes NBS for sustainability and multifunctionality marine protected area networks and fisheries ecosystems greening cities TYPE 1: better use of natural | protected ecosystems

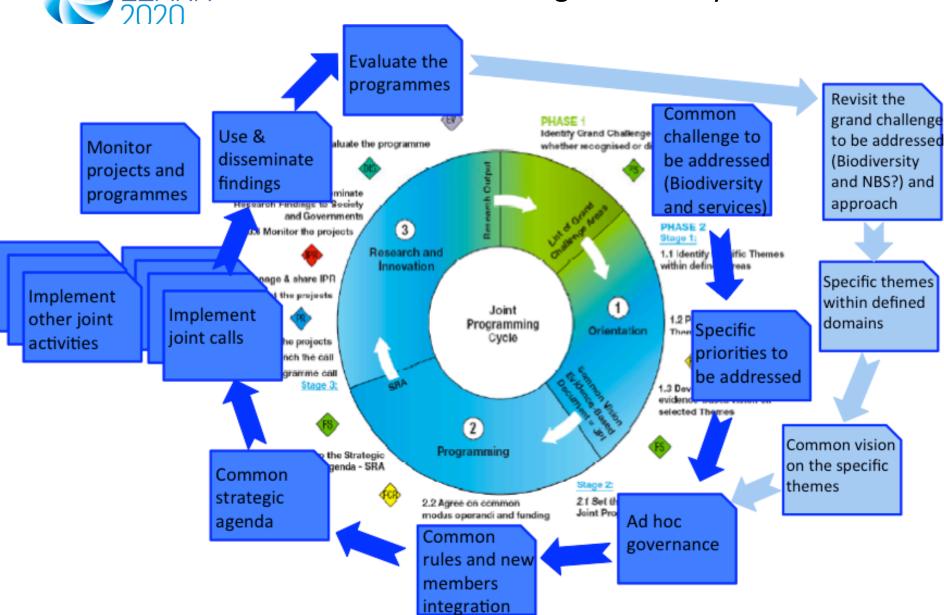
level and type of engineering

of biodiversity/ecosystems





# ... which led to revisiting the challenge tackled by BiodivERsA





### **Conclusion**



- BiodivERsA: progressive change in the mind-set of BiodivERsA partners about the importance of this research area + type of research to be promoted
- Approaches used to maximise impact :
  - Cooperation with other stakeholders (joint calls with JPI-FACCE & Belmont Forum; links with other JPIs, coll. with EKLIPSE & ThinkNature)
- Suggestion for future support :
  - The CO-FUND tool now becomes limiting for strategic activities, incl. programme alignment → evolution needed
- The proposed evaluation framework captures well the various impacts...
  - ... but could better address the crossroad between network and project levels

BiodivERsA network impact = also ad hoc actions to enhance funded projects' impact (e.g., Policy briefs; results feeding IPBES assessments; ...)