



**Promoting trans-national research and science-  
society interface : agenda and main challenges for  
BiodivERsA  
during the 2015-2020 period**

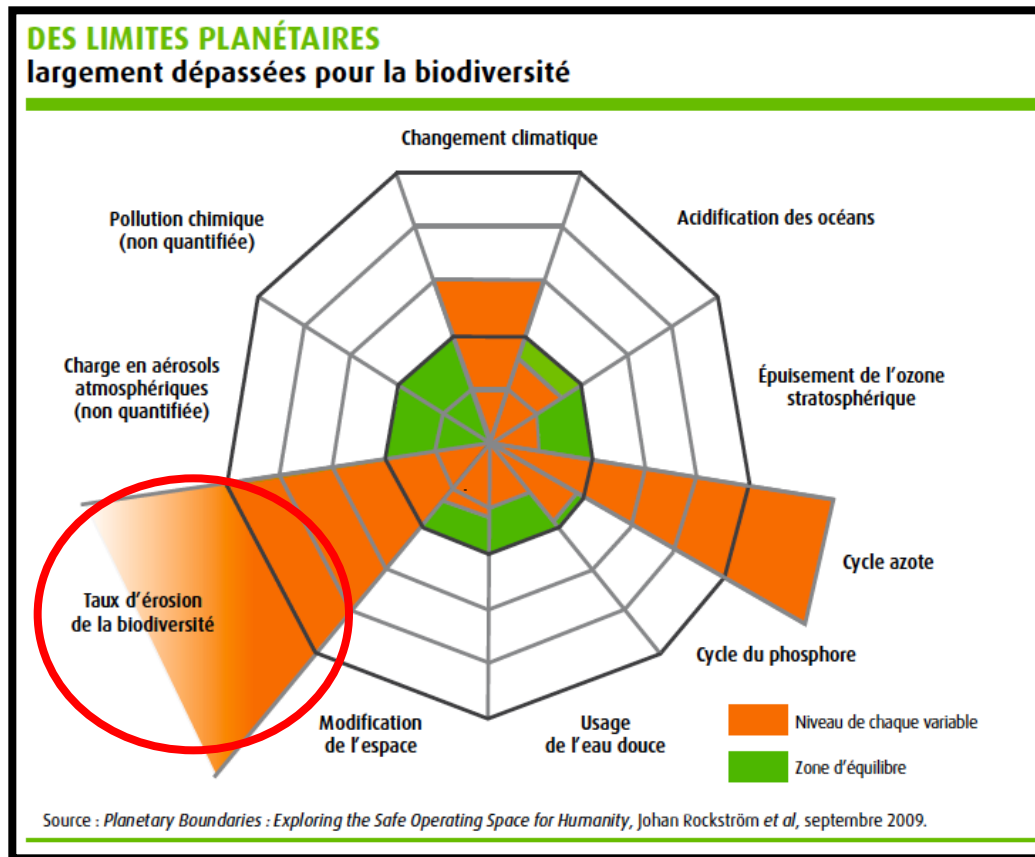
*Xavier Le Roux (French Foundation for Biodiversity Research - Coordinator  
and CEO of BiodivERsA),*

*Invaluable Final Conference (19/06/2015)*



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# Biodiversity a major scientific and societal challenge





## What biodiversity research is all about?

- To understand the dynamics of biodiversity in relation to global changes, and consequences for the fate of biological diversity & for ecosystem service delivery and human societies and activities
- To generate and share the knowledge necessary to bring human societies into a sustainable and mutually beneficial relationship with the living world

## Importance to promote research at European level

- The European scale is sometimes very relevant

Ex: invasive species that cross borders → understand spread and threat & develop a management plan at European scale, not only national one !

Ex: network of field sites allowing better generalization

- Better cope with new and emerging topics

Ex: valuing biodiversity ; biodiversity & governance ; biodiversity & health → rare that any one country has all the expertise to run a research programme on its own; European collaboration is essential



BiodivERsA : joint activities among national/regional funding agencies in Europe and EC to support pan-European research on biodiversity



# **The BiodivERsA approach to further coordinate and support trans-national research on biodiversity and ecosystem services in Europe**

*BiodivERsA : ERA-NET  
supported by the EC*





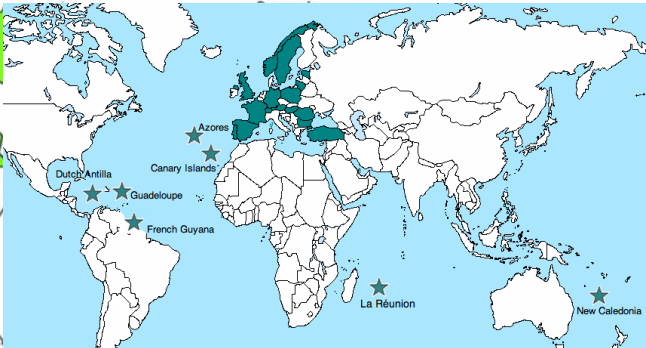
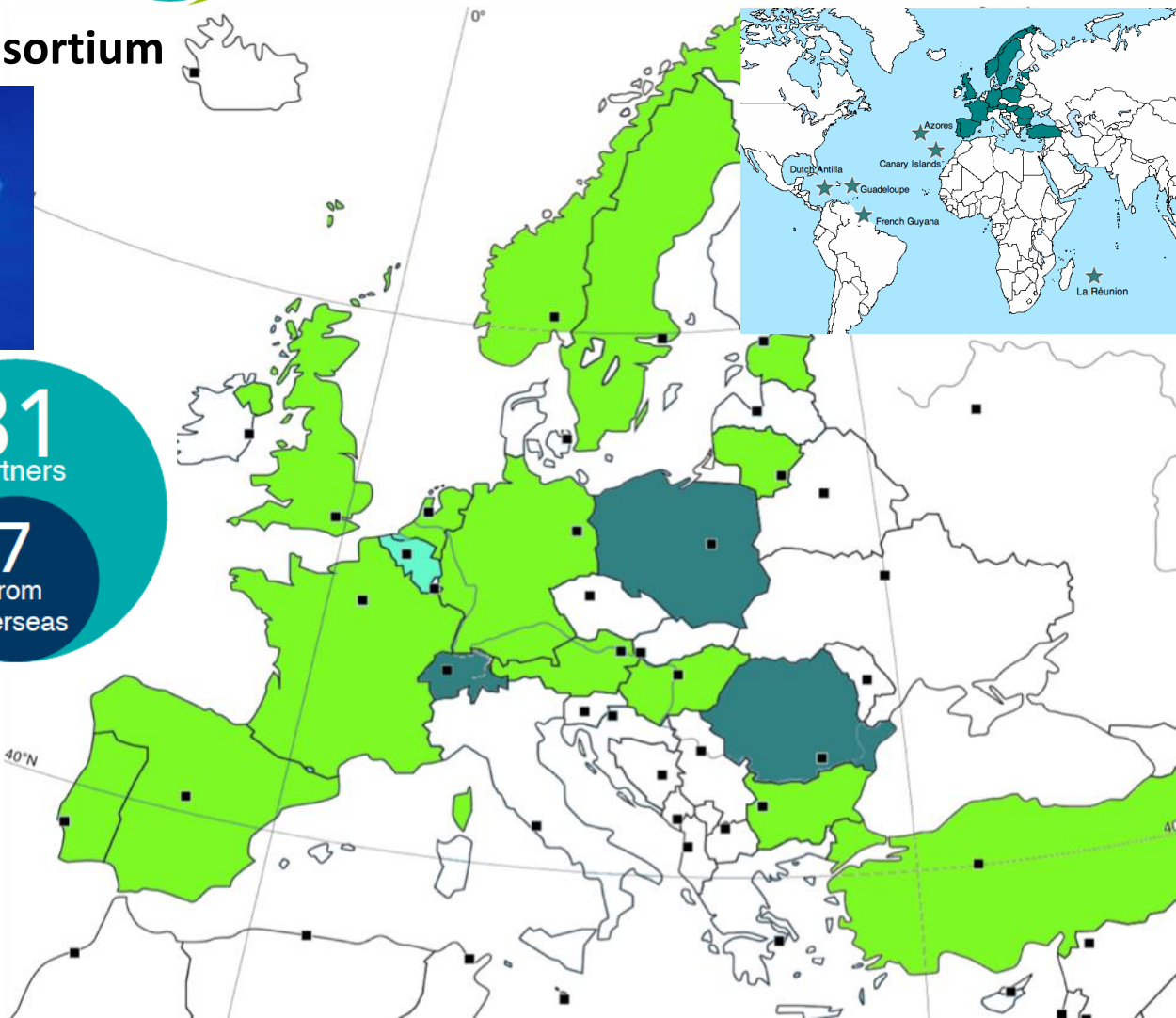
# The BiodivERsA3 consortium



18  
European countries

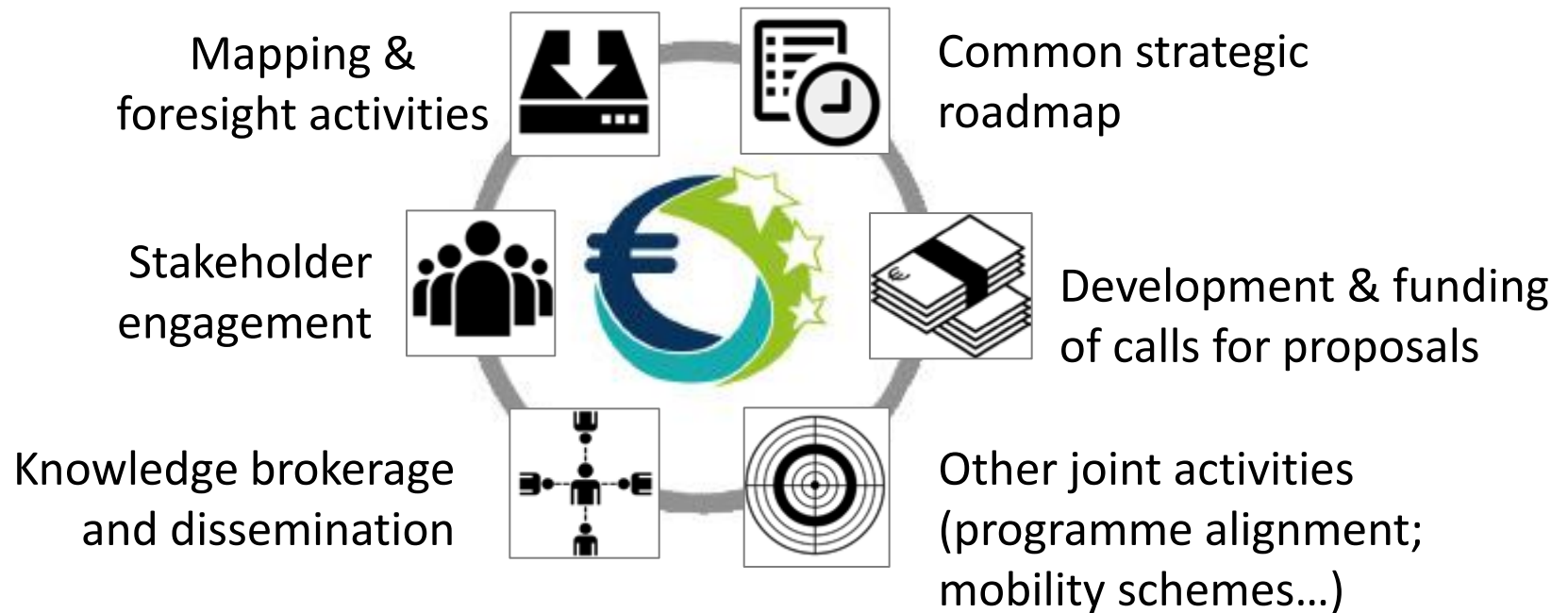


31  
partners  
7  
from overseas





# Major activities of BiodivERsA3



# Overview of BiodivERsA3 approach & activities

Linking national / EC strategies and funding sources in Europe on biodiversity & ecosystem services



**Stakeholder engagement**

**Research mapping & programme co-design**

**Research funding & knowledge brokerage**

Detailed mapping of European research landscape (>6300 projects in the BiodivERsA database)



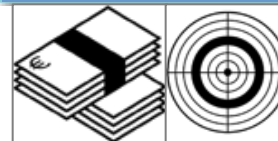
A shared research agenda, updated yearly : 5 pressing issues already addressed



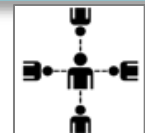
Calls for 100 M€ (50M€ new money) since 2008

Program alignment

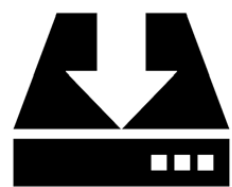
Mobility schemes



Professional knowledge brokerage to disseminate projects' outputs







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## Mapping activities

### BiodivERsA database:

-> info on funding, programmes and projects

**currently >6500 funded projects profiled in the database!**

-> Analyses of funding sources/amounts, profiles of funded research, etc.

Home Contact Us News Event Calendar

BiodivERsA is funded as an ERA-net project within the European Union's 6th Framework Programme for Research

BiodivERsA is supported by the European Commission within the 6th Framework Programme

You are here : > Advanced Search > Search Funding Programs Results

**Search Results**

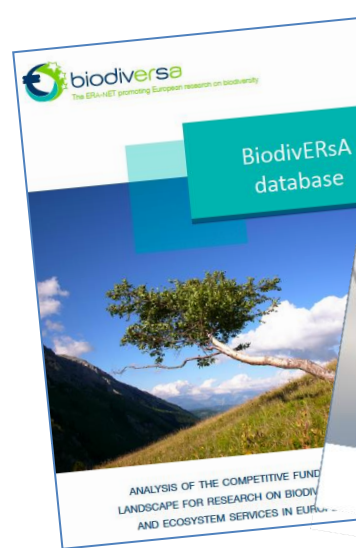
Funding Programs: Results: 1 - 10 of 19

**Results Navigator:**

System has found the following number of categories within your search with the specified number of hits:

Browse results by categories

Program ID	Name	Country	Starting date	Ending date
FP-FP-9	Biodiversity and Global change		1999-01-01	2099-12-31
FP-FP-5	Indian Ocean Islands Biodiversity-Biodiversité des Iles de l'océ...	FR	2006-06-10	2007-12-31
FP-FP-2	Public action, agriculture and biodiversity - Action publique, a...	FR	2003-01-01	2099-12-31
FP-FP-1	ANR Biodiversity		2005-01-01	2099-12-31
FP-981948296	Biodiversity and Forest Management - Biodiversité et gestion for...	FR	1996-01-01	2008-12-01
FP-979229495	Tropical ecosystems - Ecosystèmes tropicaux	FR	1999-01-01	9999-12-31
FP-827621509	Biodiversity dynamics and access policy to habitats and natural ...	FR	2002-07-01	2004-08-31
FP-730695107	Genetic Resources - Ressources génétiques	FR	2002-01-01	2007-01-01
FP-683112675	Dynamics and management of coastal ecosystems (LITEAU)	FR	1998-01-01	2010-01-01





## Common roadmap



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## Joint research programming: Common priorities identified (basis for joint calls)

1

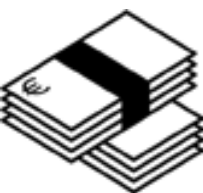
Common strategic agenda  
shared by BiodivERsA partners

7

priority topics  
already addressed through  
BiodivERsA joint calls

1. Biodiversity: linking scientific advancements to policy and practice
  2. Biodiversity and ecosystem services, and their valuation
  3. Biodiversity dynamics: developing scenarios, identifying tipping points, and improving resilience
  4. Invasive species and biological invasions
  5. Promoting synergies and reducing trade-offs between food supply, biodiversity and ecosystem services
  6. Understanding and managing soil and sediments biodiversity dynamics to improve ecosystem functioning and delivery of services
- Understanding and managing biodiversity dynamics in land-, river- and sea-scape (habitats connectivity, green and blue infrastructure, naturing cities)





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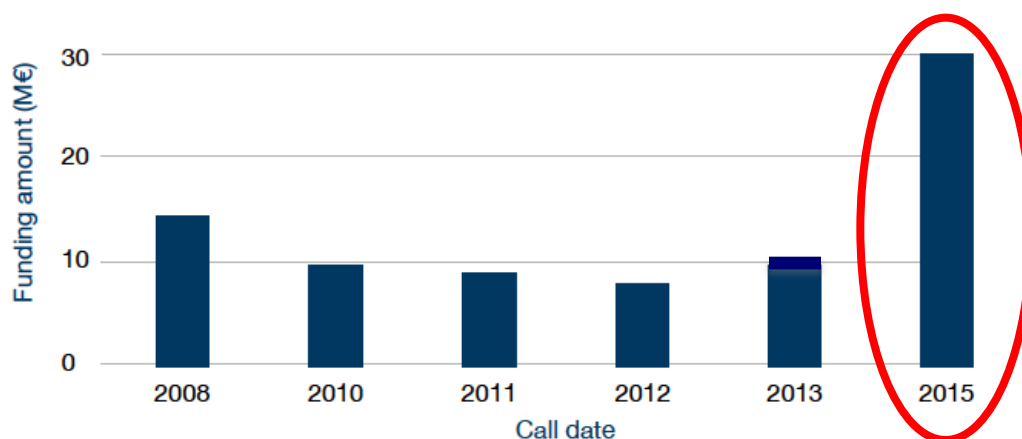
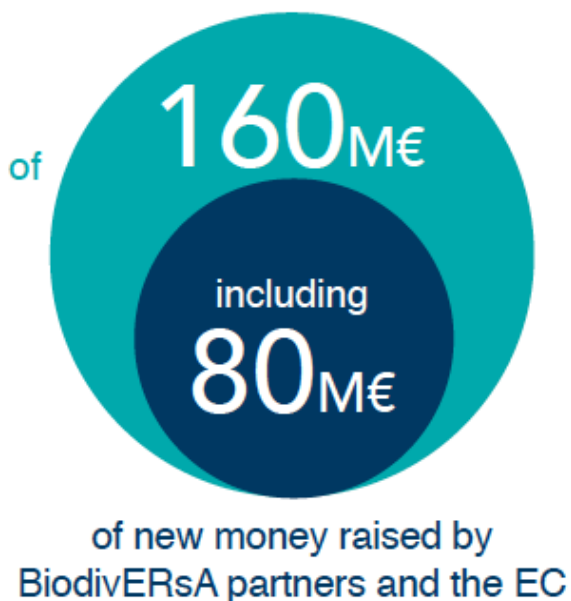


## Research funding

Over 2008-2015



for a total amount of



and other joint calls  
in the future

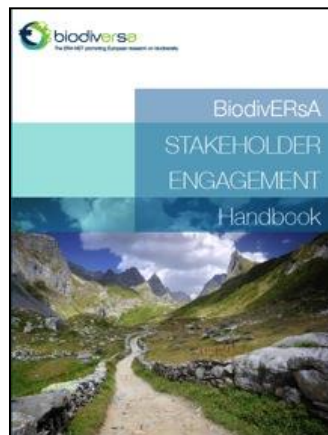


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## Stakeholder engagement

- BiodivERsA advisory Board with scientists and stakeholders; ad hoc workshops → Co-design of programmes / activities
- Stakeholder engagement = throughout the whole research process





## Knowledge brokerage

-> Many products at the level of funded projects (management plans, maps, new indicators, local policy support, workshops)

1

threat-abatement plan  
against an emerging  
disease threatening  
amphibians  
(by the RACE project)

1

white paper for the  
management of arctic  
foxes  
(by the ECOCYCLES  
project)

3 5

videos factsheets  
on nature-based  
solutions in cities  
(by the URBES project)

-> Policy briefs based on outputs  
of funded projects



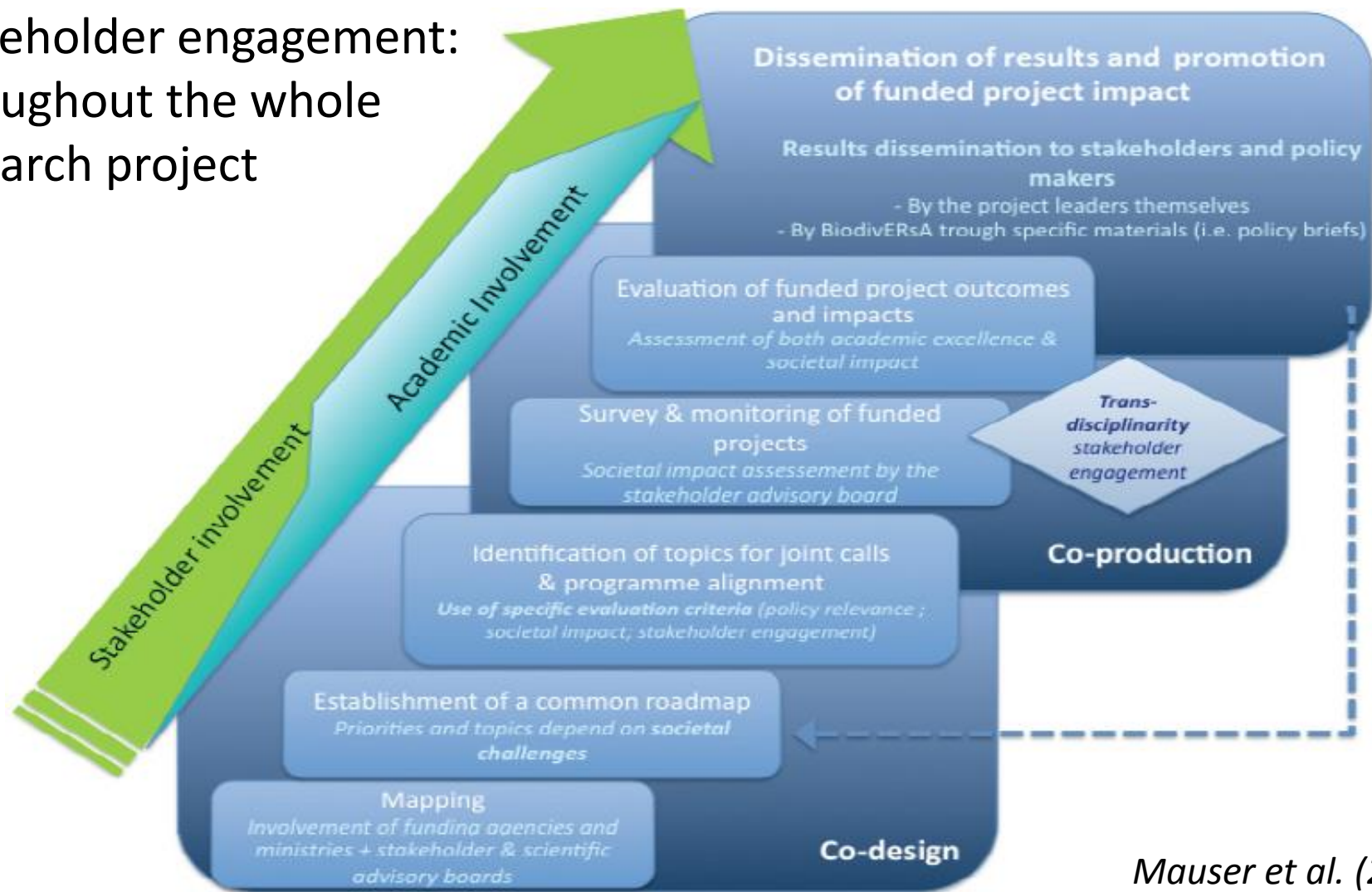




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Stakeholder engagement:  
throughout the whole  
research project



*Mauser et al. (2013)*

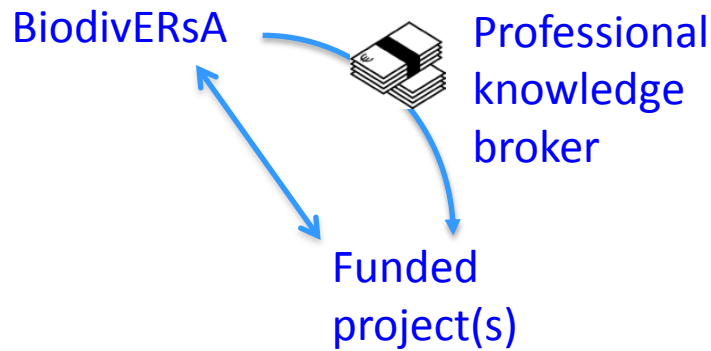


## **BiodivERsA3: activities that may be of interest for INVALUABLE participants**

The official date of end of project  
IS NOT the complete end of the project's life  
IS NOT the end of the interactions between the project and BiodivERsA

# Possible support of BiodivERsA to increase funded projects impact

## (1) Support to produce policy briefs targeting European policies/policy makers



Ex: Workshop on 23 June (funded projects, policy makers, brokers...) to prepare the production of next policy briefs



## Possible support of BiodivERsA to increase funded projects impact

### **(2) Promote exchanges and collaboration between researchers and stakeholders**

Ex: Workshops linking science and citizens; science and business.

Topical workshops linking science/society/policy.

Mobilization of funded projects PIs to key events (e.g. European Parliament...)

**BiodivERsA3 Officer in charge of  
Science-Society/Policy interfacing**

### **(3) Help increasing the use of funded projects results (complementary to each project's activity)**

Screening and making sure that results from all relevant funded projects are considered and valorized in key assessments

Ex: Feed the European MAES portal

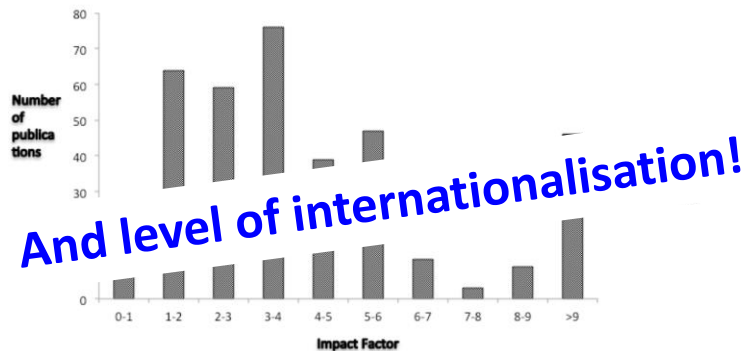
Feed the IPBES topical assessments, and its European assessment

**Always acknowledging/identifying projects and authors!**

# Follow up of funded projects and their results by BiodivERsA

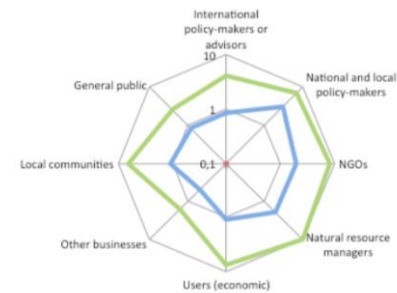
Ex: Analysis of the results of all the projects funded through a BiodivERsA call (typically 2 years after projects' end date)

## Academic outputs and impacts




# publications, Impact factors, Top journals...

## Stakeholder engagement and societal impacts



*Stakeholders engaged & how, products relevant/useable/used by stakeholders*



## **Future opportunities to support research on biodiversity and ecosystem services**

- New calls for research proposals
  - Alignment of programmes
- 
- ➔ Sometimes focusing on overseas, developing regional approaches, promoting the international dimension
  - ➔ Promoting integrative, multidisciplinary approaches as needed, and stakeholder engagement

**Thank you for your attention !**

*BiodivERsA is supported by EC  
part of its H2020 programme*

