



BiodivERsA : Promoting research on biodiversity and ecosystem services across Europe ... and beyond

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Coordinator and CEO of BiodivERsA)*

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- **What is BiodivERsA?**
- **The increasing international dimension in BiodivERsA**
- **Conclusion/Perspectives**



What is BiodivERsA?

ERA-net funded through the EC Framework Programme since 2005, and from 2015 through H2020





Overview of BiodivERsA approach & activities :



Linking national strategies and funding sources across European countries and territories/regions

Research mapping & programme co-design

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

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

Research funding & knowledge brokerage

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

Funded research is outstanding, multidisciplinary and policy relevant

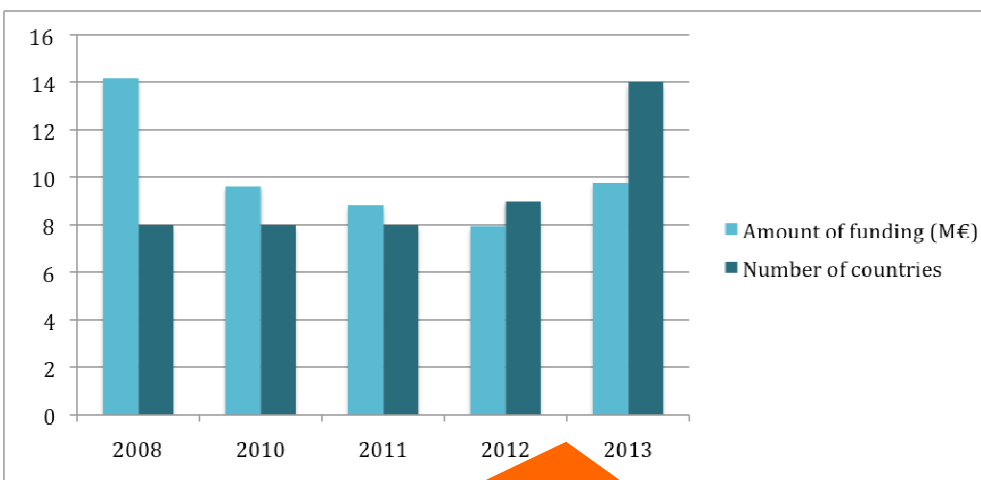
Professional knowledge brokerage to disseminate projects' outputs

Substantial, annual joint calls

- 5 calls since 2008: 102M€ total cost, 51M€ new money
- 18 countries participated in at least one call



Research mapping
co-d



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Professional
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✓ Promoting stakeholder engagement

1

BiodivERsA advisory board
including scientists and
stakeholders

1

stakeholder engagement
handbook published



80%

of BiodivERsA funded projects
actively involve stakeholders



Research m

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✓ Promoting knowledge transfer to stakeholders/policy makers



Research m

Non-academic productions for stakeholders, including:

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)

6

BiodivERsA policy
briefs published

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Research m

- ✓ Promoting knowledge transfer to stakeholders/policy makers
- Policy briefs based on outputs of funded projects

With a professional knowledge broker (e.g., IUCN Europe)



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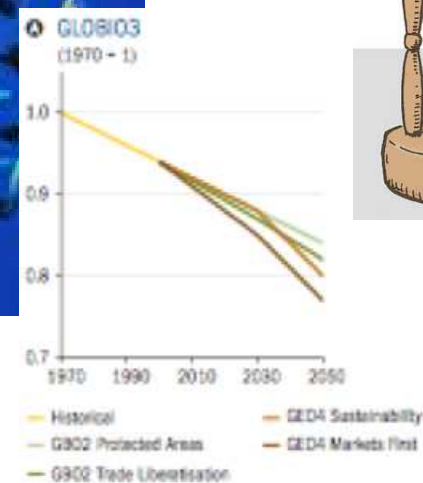
Funded research is outstanding, multidisciplinary and policy relevant

Professional knowledge brokerage to disseminate projects' outputs



The footprint of the BiodivERsA consortium: pan-European coordination and promotion of research on biodiversity and ecosystem services

BiodivERsA selected as a success story by the EC in 2013

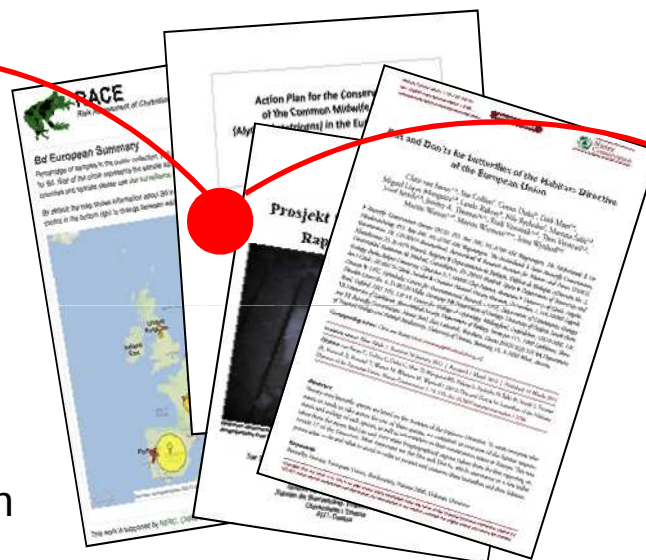




The footprint of BiodivERsA projects: actual academic AND societal outcomes



- >300 scientific papers
- 2/3 of projects published in *Nature*, *Science* or *PNAS*



- Maps of emerging pathogens in EU; atlas of butterflies...
- Update of indicators used
- European abatement plan, Dos and don'ts for habitat directive, guidelines for business...

Most projects reached excellence both for academic and societal impacts !!

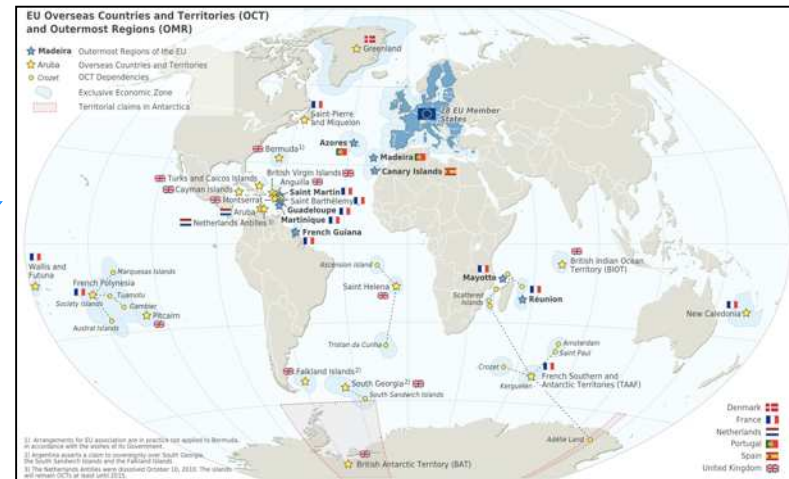


- Policy briefs targeting policy makers in Europe & European regions

Ex for the 12 BiodivERsA
2008 projects



The increasing international dimension in BiodivERsA



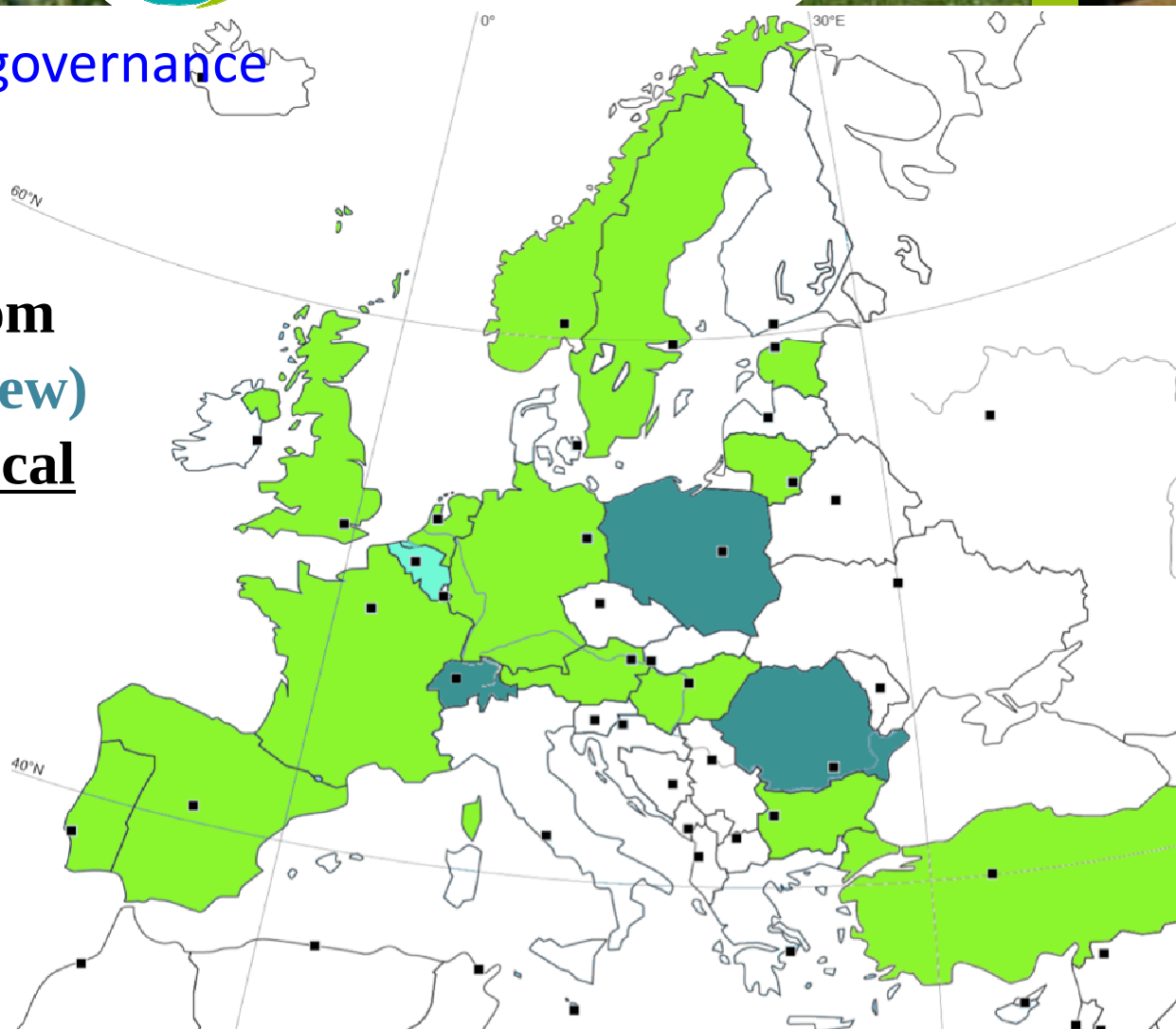


(1) Network and governance

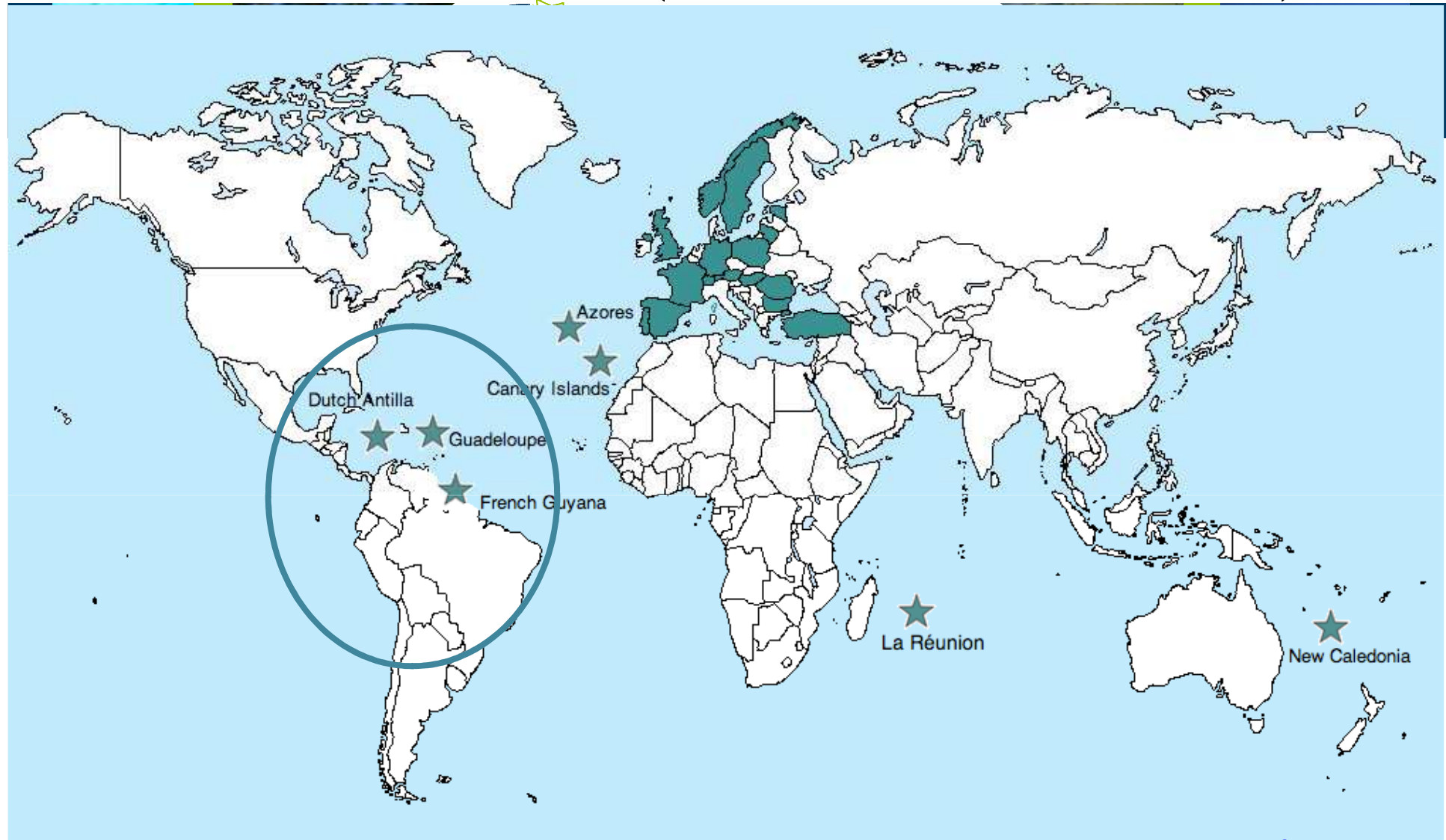
BiodivERsA3 :

***31 members from
18 countries (3 new)**

*** national and local
players**



mainland + overseas members (from the former NetBiome ERA-net)



Mainland partners in BiodiversA3



Overseas partners in BiodiversA3



International/regional
approaches will be of
greater importance

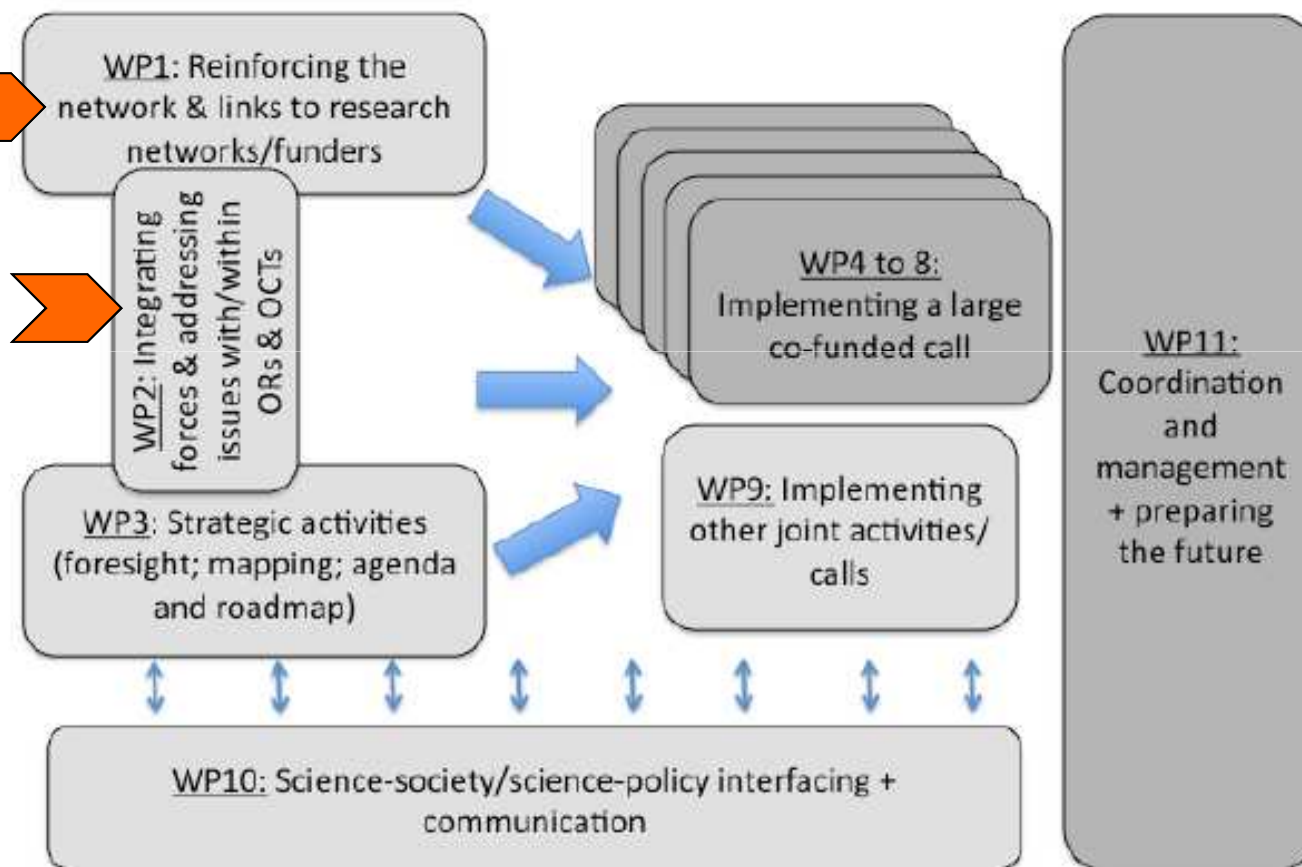


(1) Network and governance

Structure of the BiodivERsA3 programme

Links with relevant
international initiatives

Overseas-specific issues





(2) Strategies and priorities

BiodivERsA addresses issues that are often of major importance for stakeholders and scientists beyond Europe:

- Nov. 2010: *Biodiversity & ecosystem services and their valuation*
- Nov. 2011: *Biodiversity scenarios, identifying tipping points and improving resilience*
- Nov. 2012: *Invasive species & biological invasions*
- Nov. 2013: *Trade-offs and synergies between biodiversity/services/agriculture*



(2) Strategies and priorities

In the future:

- Develop the international dimension of the BiodivERsA strategic roadmap ...
- ... including relevant priority topics and priority activities ...
- ... based on adequate mapping and foresight activities

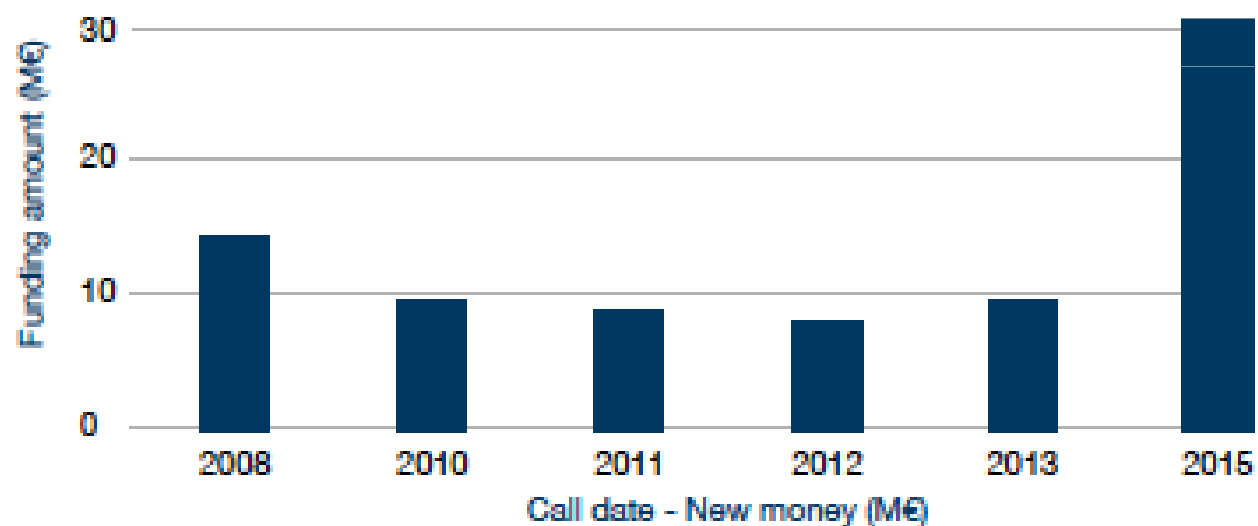
Key role of overseas players and of relevant international initiatives





(3) Funded research

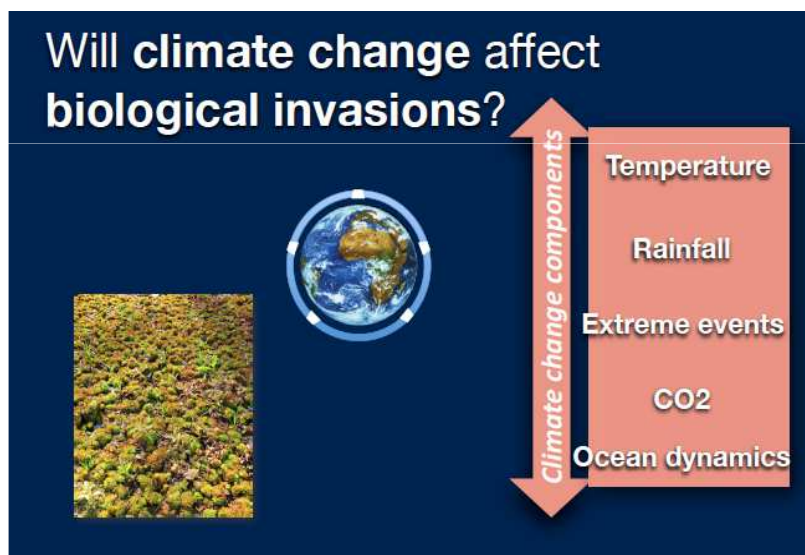
Develop more ambitious joint calls, possibly engaging with relevant European/international initiatives



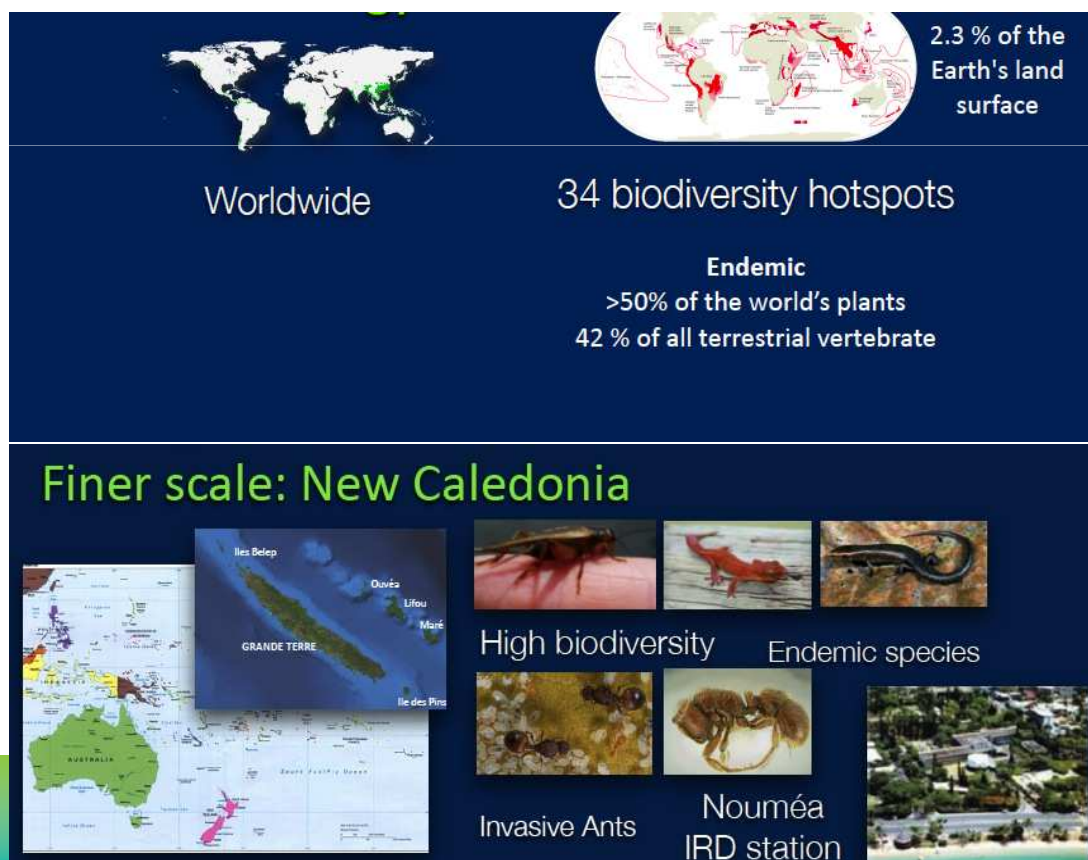


(3) Funded research

BiodivERsA already funds some projects including/focusing a strong international dimension: Example of the FFII project funded through the BiodivERsA 2012-2013 call



Wardle *et al.* (2012)





(3) Funded research

BiodivERsA will increasingly fund research including/focusing international dimensions

Short-term:

- Participation of overseas members to the 2015 co-fund call (ca. 30M€)
- Making explicit that overseas is an important dimension of this call

Medium term:

- BiodivERsA may engage with international initiatives (e.g. Belmont Forum)
- Possibility to launch calls devoted to overseas-specific issues
- Etc.





(3) A range of joint activities

- Infrastructures
- Program alignment
- Young scientists programme
- Mobility
- ...



Conclusions/perspectives





Perspectives for further promoting the international dimension in BiodivERsA activities

- Relevant mapping and foresight activities, possibly with relevant international initiatives



- Identification of priority joint activities with relevant international initiatives ; update of the BiodivERsA roadmap accordingly



- Joint implementation of joint activities

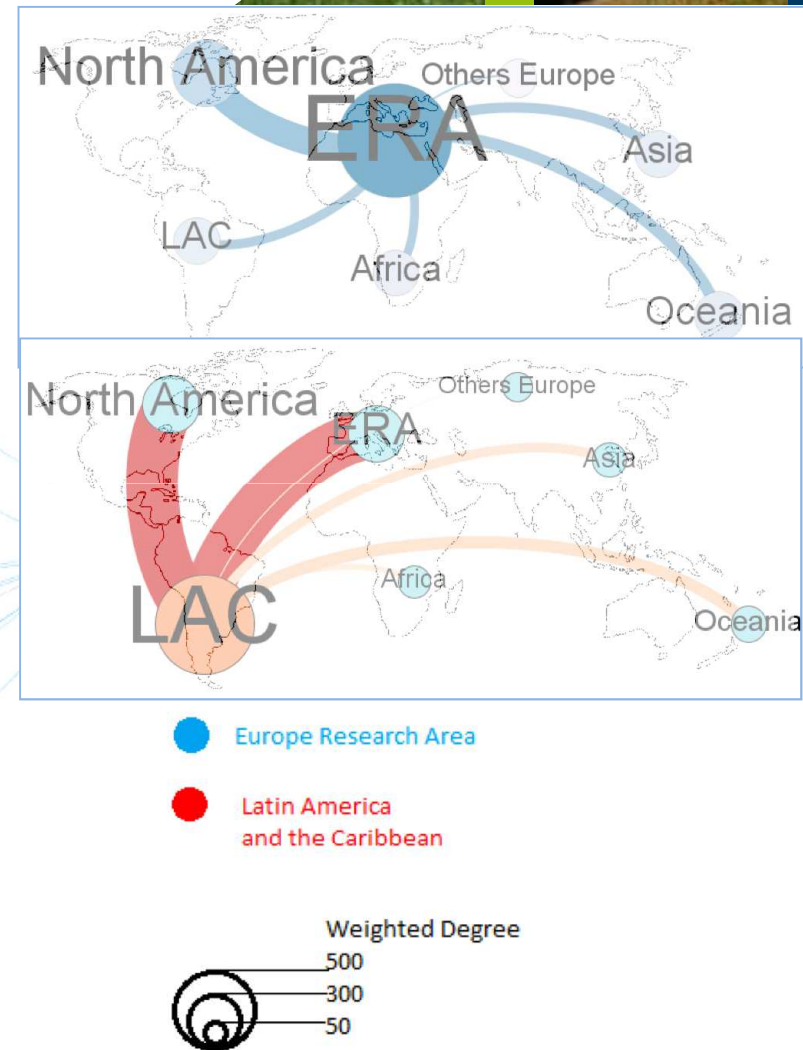
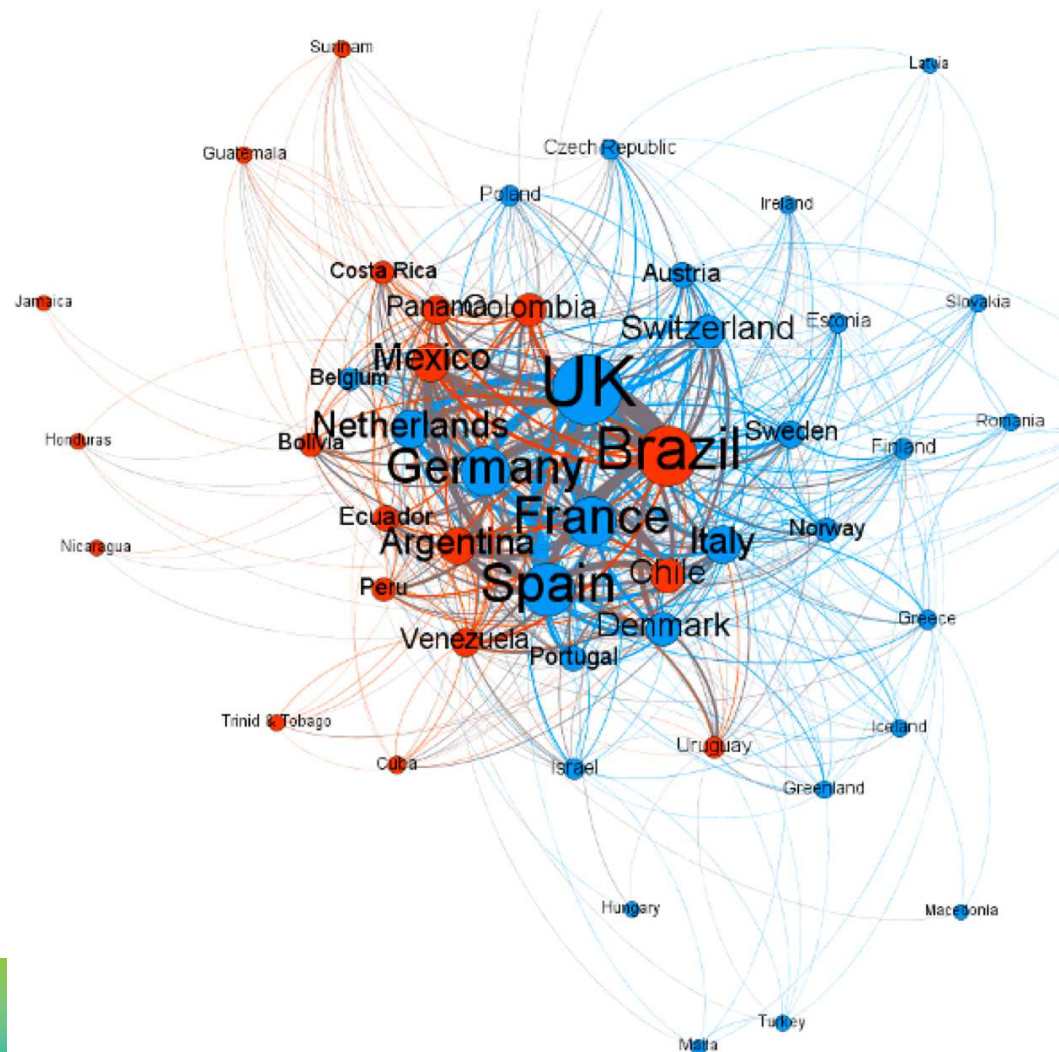


- Joint follow up and dissemination of research results





Example: first evaluation of ERA-LAC collaboration by ALCUNET in coll with BiodivERsA





Perspectives for further promoting the international dimension in BiodivERsA activities

- Relevant mapping and foresight activities, possibly with relevant international initiatives

Step #1



- Identification of priority joint activities with relevant international initiatives ; update of the BiodivERsA roadmap accordingly

?



- Joint implementation of joint activities

?



- Joint follow up and dissemination of research results

?





Thank you for your attention

