CONVERGES
European Riparian Ecosystems

RESPONSES TO RIPARIAN DEGRADATION: Discussion on WG2 themes and tools

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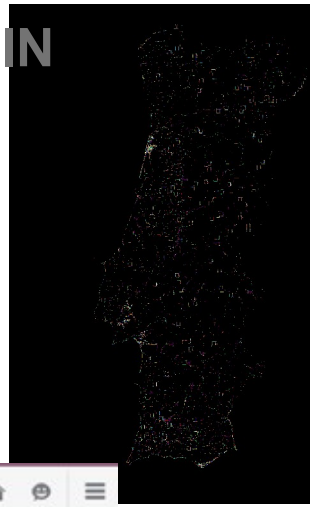
Funded by the Horizon 2020 Framework Programme of the European Union

- Researcher Plant ecologist
  - Ecosystems: riparian and wetland forests
  - Approaches – community ecology, functional ecology, dendroecology
- Links with management:
  - implementation of the WFD in Portugal (macrophytes & hydromorphological elemento)
- Restoration ecology, education

EXAMPLE – THEME 2 TOOLS FOR BEST PRACTICES

RIPLANTE –INFORMATION SYSTEM ON RIPARIAN TREES IN PORTUGAL

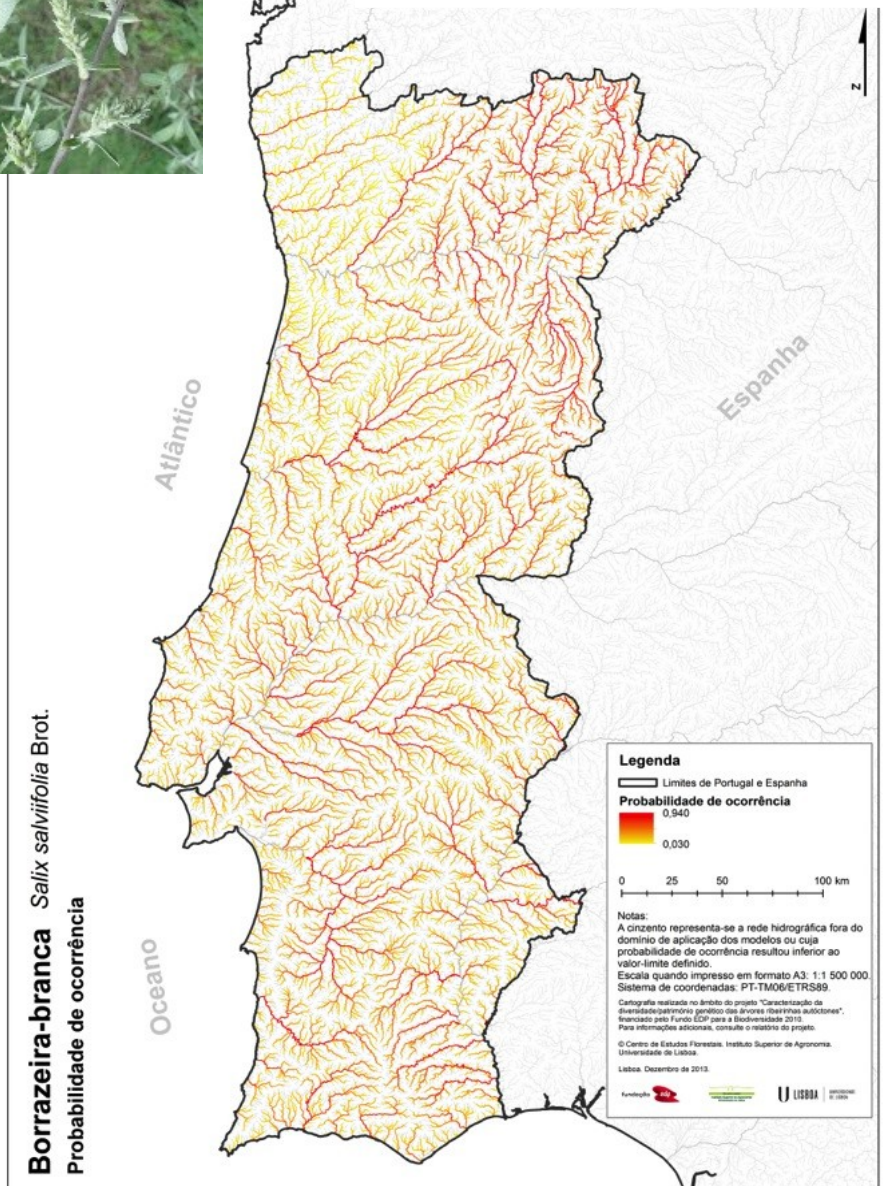


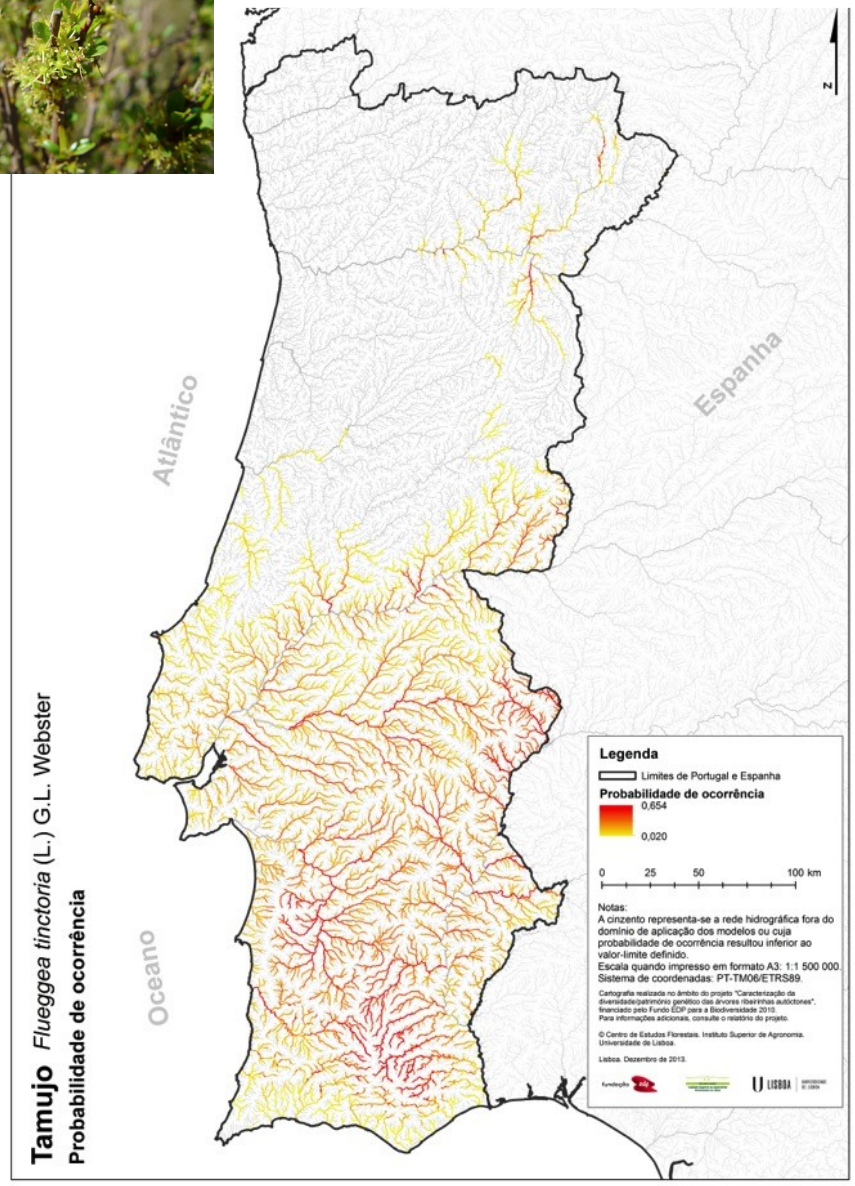
- **Web GIS platform** open
- Allocated in the Water Administration website
- http://riplante.apambiente.pt/riplante/

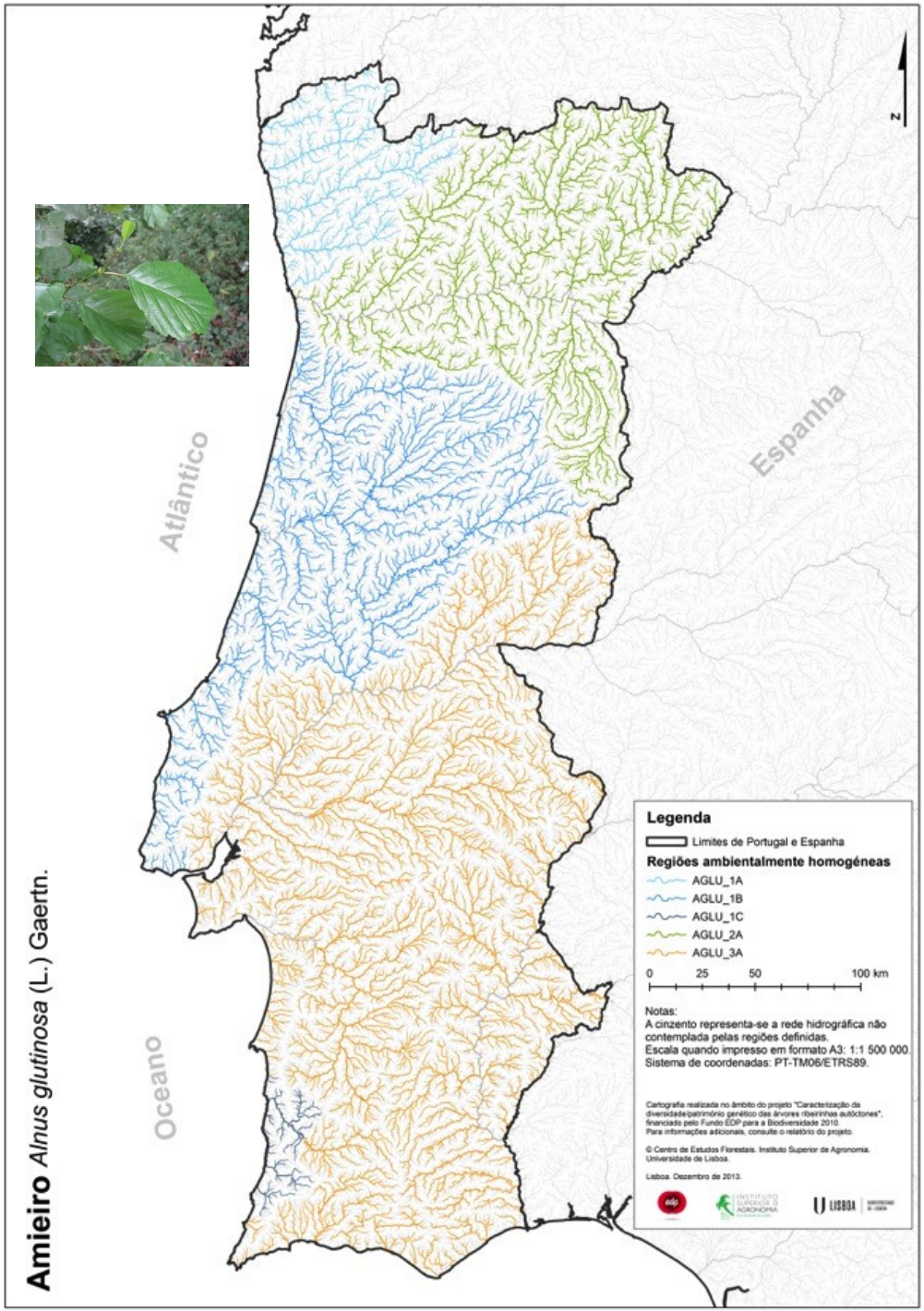
Probability of occurence

Salix salviifolia

Flueggea tinctoria







Amieiro *Alnus glutinosa* (L.) Gaertn.

Alnus glutinosa
Environmentally homogeneous regions

http://riplante.apambiente.pt/riplante/

IDEAS TO COLLECT RESPONSES GIVEN TO DEGRADATION OF RV

- Theme 1. Scientific Knowledge
  - Review of literature: Systematic review?? scoping review??
  - Review of tools produced: protocols, index, platform for riparian information
- Theme 2. Management
  - Consultation to stakeholders
    - Presential workshops with managers /practitioners ?? In some specific areas/countries? – definition of questions
    - Tools: Delphi – enlarge the questions defined initially to more respondent
- Theme 3. Social awareness
  - Review of legislation
    - by country: how EU instruments are being applied?

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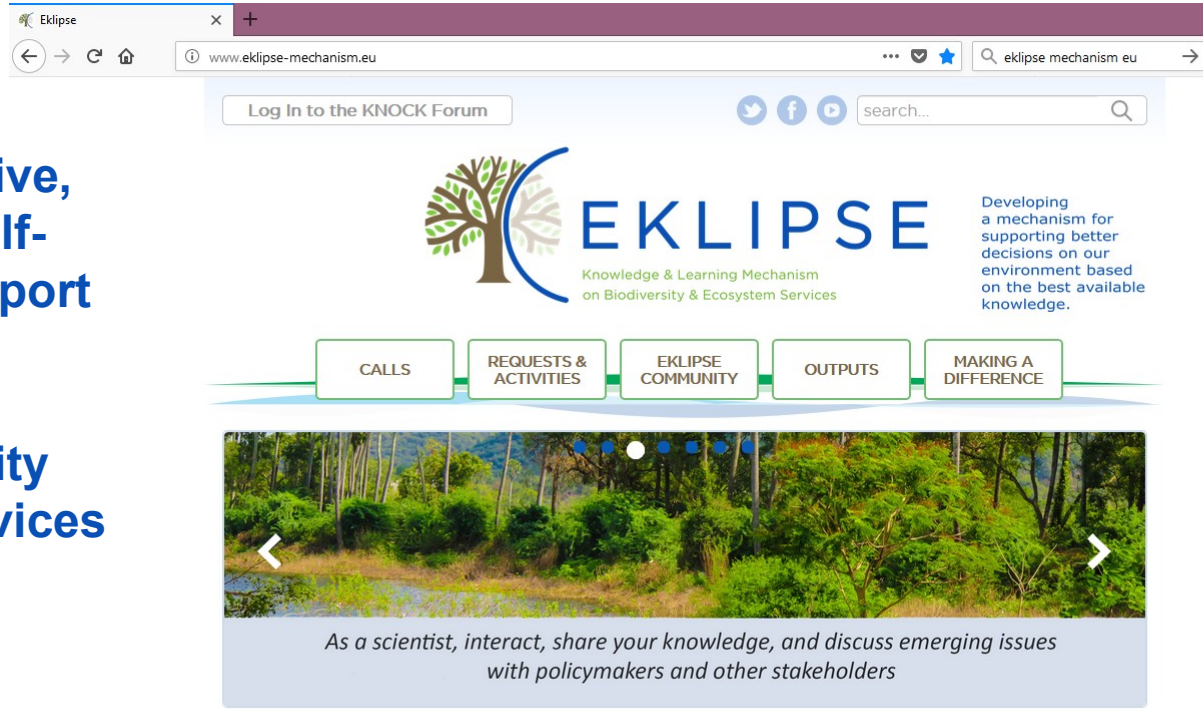
- Theme 2. Management: Consultation to stakeholders
  - Potential link-synergies with ongoing project EKLIPSE
    - Consultation of stakeholders: approaches to be implemented

http://www.eklipse-mechanism.eu/

To build an innovative, light, ethical and self-sustainable EU support mechanism for evidence-informed policy on biodiversity and ecosystem services



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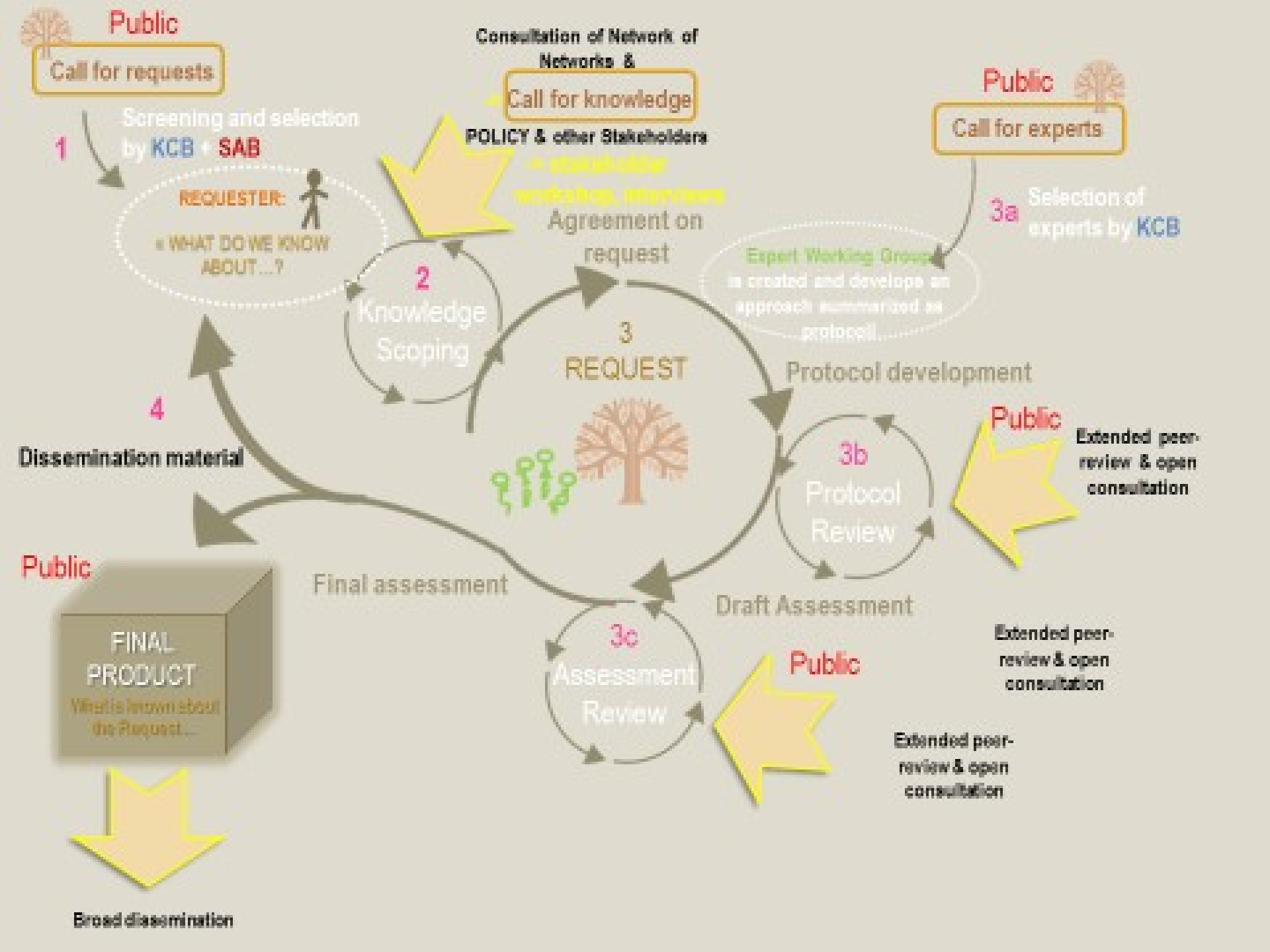
Public
Call for requests
1
Screening and selection by KCB + SAB
REQUESTER:
« WHAT DO WE KNOW ABOUT…?
Consultation of Network of Networks &
Call for knowledge
POLICY & other Stakeholders
Agreement on request
2
Knowledge Scoping
3
REQUEST
Public
Call for experts
3a
Selection of experts by KCB
Expert Working Group is created and develops an approach summarized as protocol
Protocol development
3b
Protocol Review
Public
Extended peer-review & open consultation
Draft Assessment
3c
Assessment Review
Public
Extended peer-review & open consultation
Final assessment
4
Dissemination material
Public
FINAL PRODUCT
What is known about the Request…
Broad dissemination

Knowledge Synthesis Methods

The task of the Expert Group on Knowledge Synthesis Methods (KSM) was to provide and share knowledge about different forms, methods and limitations of knowledge collation, appraisal and synthesis so that robust evidence and knowledge gaps could be identified, as well as the strengths and weaknesses of available knowledge. Read more about the expert methods group here.

What is hampering the effectiveness of existing approaches that aim to restore biodiversity and ecosystem function and services?

This request was initially put to EKLIPSE following our second call for requests (CfR.2/2017) by BiodivERsA, a network of national and regional funding organisations promoting pan-European research on biodiversity and ecosystem services, and offering innovative opportunities for the conservation and sustainable management of biodiversity. The aim of this request is to understand the reasons why current approaches to restoration are not as effective as they could be.

The Call for Experts resulted in an Expert Working Group (EWG) with the following members:

- Judith Fisher (Fisher Research Pty Ltd/University of Western Australia)
- Jan Frouz (Charles University, Prague)
- Patricia Maria Rodriguez Gonzalez (University of Lisbon)
- David Moreno Mateos (Basque Centre for Climate Change)
- Jordi Cortina-Segarra (Society for Ecological Restoration Europe)
- Agata Klimkowska (Eco-Recover Ecosystem Restoration Advice / University of Antwerp ECOBE)
- Pilar Andres (CREAF/Autonomous University of Barcelona)
- Apostolos Kyriazopoulos (Democritus University of Thrace)

The EWG will meet in Brussels on July 26th 2018 for their first meeting, where they will ensure common understanding of the request among experts and plan their work over the next five months. Learn more about this request and the work of the EWG in our Document of Work.

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    - →some links to COST CONVERGES, useful approaches??

- Method proposed in EKLIPSE for consultation of stakeholders: **Delphi**

-The Delphi technique is an iterative and anonymous Participatory method used for gathering and evaluating expert-based knowledge

-The approach envolves enabling a group of individuals to collectively address a complex problem through a structured group communication process

-The Delphi technique comprises two or more rounds of structured questionnaire each followed by aggregation of responses and anonymous feedback to the participants (usually experts).

Methods in Ecology and Evolution

British Ecological Society

Methods in Ecology and Evolution 2015 doi: 10.1111/2041-210X.12387

The Delphi technique in ecology and biological conservation: applications and guidelines

Nibedita Mukherjee[1,2,3*], Jean Hugé[3,4], William J. Sutherland[1], Jeffrey McNeill[5], Maarten Van Opstal[3,6,7], Farid Dahdouh-Guebas[2,3,†] and Nico Koedam[2,†]

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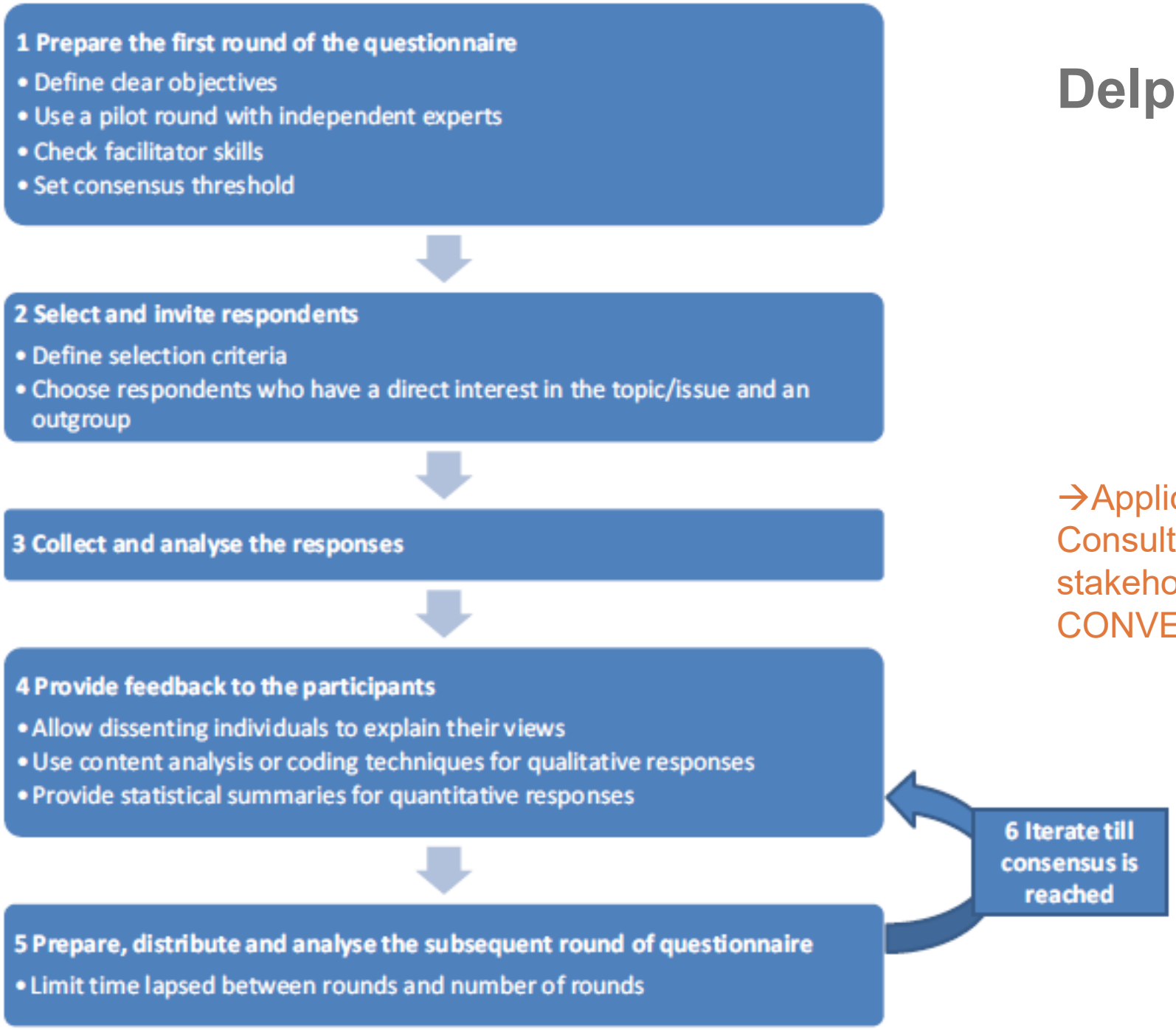
Delphi



→Application to Consultation of stakeholders in CONVERGES?

Flowchart steps involved in Delphi

Delphi

- Decision Delphi A Delphi technique application aiming at structuring decision-making by contributing to the creation of the future in reality rather than aiming at predicting the future
- Scenario Delphi A Delphi technique application aiming at constructing future scenarios in which respondents are asked about their probable and preferable future
- Policy Delphi A Delphi technique application aiming at generating opposing views on policy and on potential resolutions
- Argument Delphi A Delphi technique application aiming at developing relevant arguments and at exposing underlying reasons for different opinions on a specific single issue

Theme 3. Social awareness

- Legislation:
  - Collection for some types of forests (Alnus forests– Contrasting Dir Habitats and WFD
  - by country: how EU instruments are being applied?

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