



**Mediterranean
Network**

FORUM/22

Mediterranean Forest Research Agenda **2030**



WEBINAR #4

**Social and business innovations
and policy instruments to
implement the Mediterranean
forest-based bioeconomy**

Laura Secco,
University of Padova
23 Nov. **2022**



EUROPEAN FOREST INSTITUTE

Connecting Knowledge to Action

April 2022

Forest Bioeconomy Research Network

SLU, Umeå

Headquarters, Joensuu

Bioeconomy Programme
Policy Support Facility
Bioregions Facility

Brussels

Liaison Office

Bonn

Resilience Programme
Governance Programme

Barcelona

Mediterranean Facility
International Partnerships Facility
Genetic Resources Facility

EFIMED

Climate Smart Forestry Network

WUR, Wageningen

Forest Policy Research Network

BOKU, Vienna

Planted Forests Network

IEFC, Bordeaux

Rome

Biodities Facility

We also have an Asia Regional Office in Malaysia



Mediterranean Network FORUM/22

Barcelona

29 Nov. – 1 Dec.

2022

Mediterranean Forest Research Agenda 2030



WEBINAR SERIES

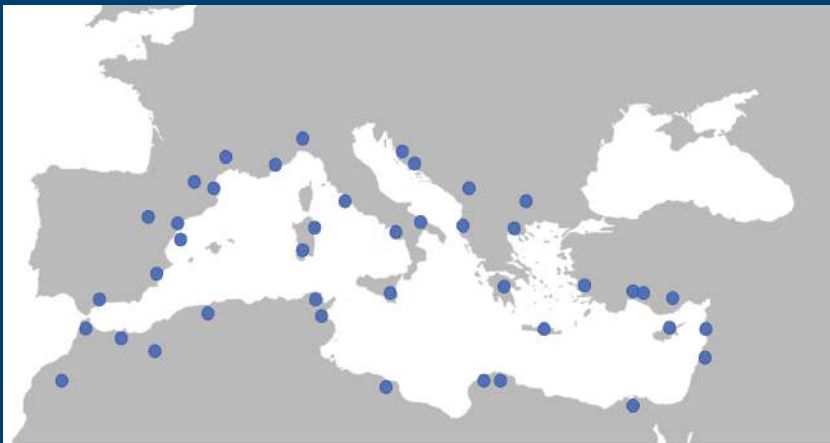


**Mediterranean
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FORUM/22



Q2

4 commissioned papers





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Mediterranean Forest Research Agenda 2030

▶ WEBINAR #1

Forest management addressing
trade-offs and synergies
between multiple ecosystem
services

Davide Travaglini,
University of Florence
3 Nov. 2022



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▶ WEBINAR #2

Forest resilience in a context of
global change-related forest
disturbances

Joan Pino,
CREAF
Centre for Research on Ecology and
Forestry Applications
10 Nov. 2022



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▶ WEBINAR #3

Conservation and management
of biodiversity and forest
genetic resources

Bruno Fady,
INRAE
French National Institute for
Agriculture, Food, and Environment
17 Nov. 2022



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Michele Bozzano



Giuseppe Tripodi



Magda Bou Dagher Kharrat



Sarah Adams



Carola Chiusi



Gerard Fernández



Siebe Briers



Eduard Mauri



Bioeconomy

Forest fires

Non wood forest products



Rhea Kahale



Mediterranean Youth Task ...



Leila Rossa Mouawad

Mediterranean Youth Task ...



Miss Federica Romagnoli



Mediterranean Youth Task ...



Hiba Mohammad



Mediterranean Youth Task ...



Sanjay Mishr

Mediterranean Youth Task ...



**Laura SECCO -
University of Padova- Italy**

Innovations for the Mediterranean forest-based bioeconomy: breakthroughs, knowledge gaps and recommendations

Laura Secco¹, Elena Pisani¹, Elena Górriz-Mifsud^{2,3}, Mauro Masiero¹, Paola Gatto¹ and Davide Pettenella¹

¹ Department of Territorio e Sistemi Agro-Forestali (TESAF), University of Padova - Italy

² Forest Science and Technology Center of Catalonia (CTFC), Solsona - Spain

³ European Forest Institute EFIMED, Barcelona - Spain



Key research questions identified:

1

What are the barriers for innovation adoption and social, technical or institutional/ business entrepreneurship in Mediterranean forests and how to overcome them?

2

What types of innovation and what innovation systems would help support more resilient forests and forest-related communities in the Mediterranean region?

3

What opportunities do Mediterranean forests offer for innovative substitutions of Greenhouse gas emissions-rich materials and processes? Which innovative mechanisms would allow for internalising currently non-marketised ecosystem services?

4

What does it take for more PES initiatives to emerge, thrive, and deliver high-level impacts?

5

How can scientists, policymakers and other stakeholders better translate real-time needs and challenges into effective innovation processes?

6

What communication and knowledge transfer approaches between scientists, policymakers, and practitioners might serve/improve the development pathways of innovation in Mediterranean forestry?

7

How can the playing field be levelled so that social, institutional and organisational innovations, backed up by social science research, receive the same levels of support as natural/physical sciences and technology?

Menti Results

Q#1 : Are the research questions relevant to your country?

Q#2 : Is there any missing research question?

Questions serie 1



Go to **menti.com**

The voting code

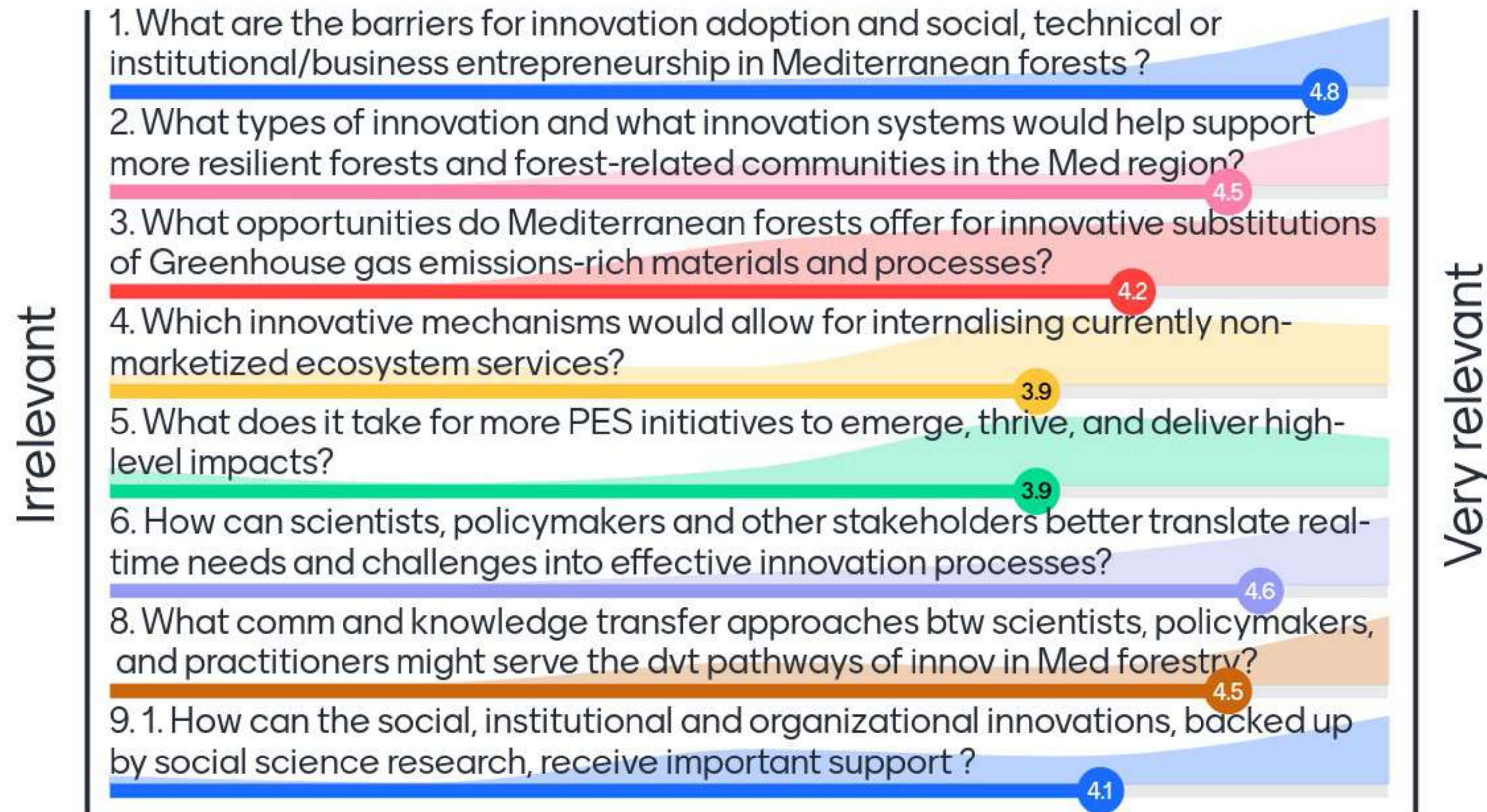
2671 0467



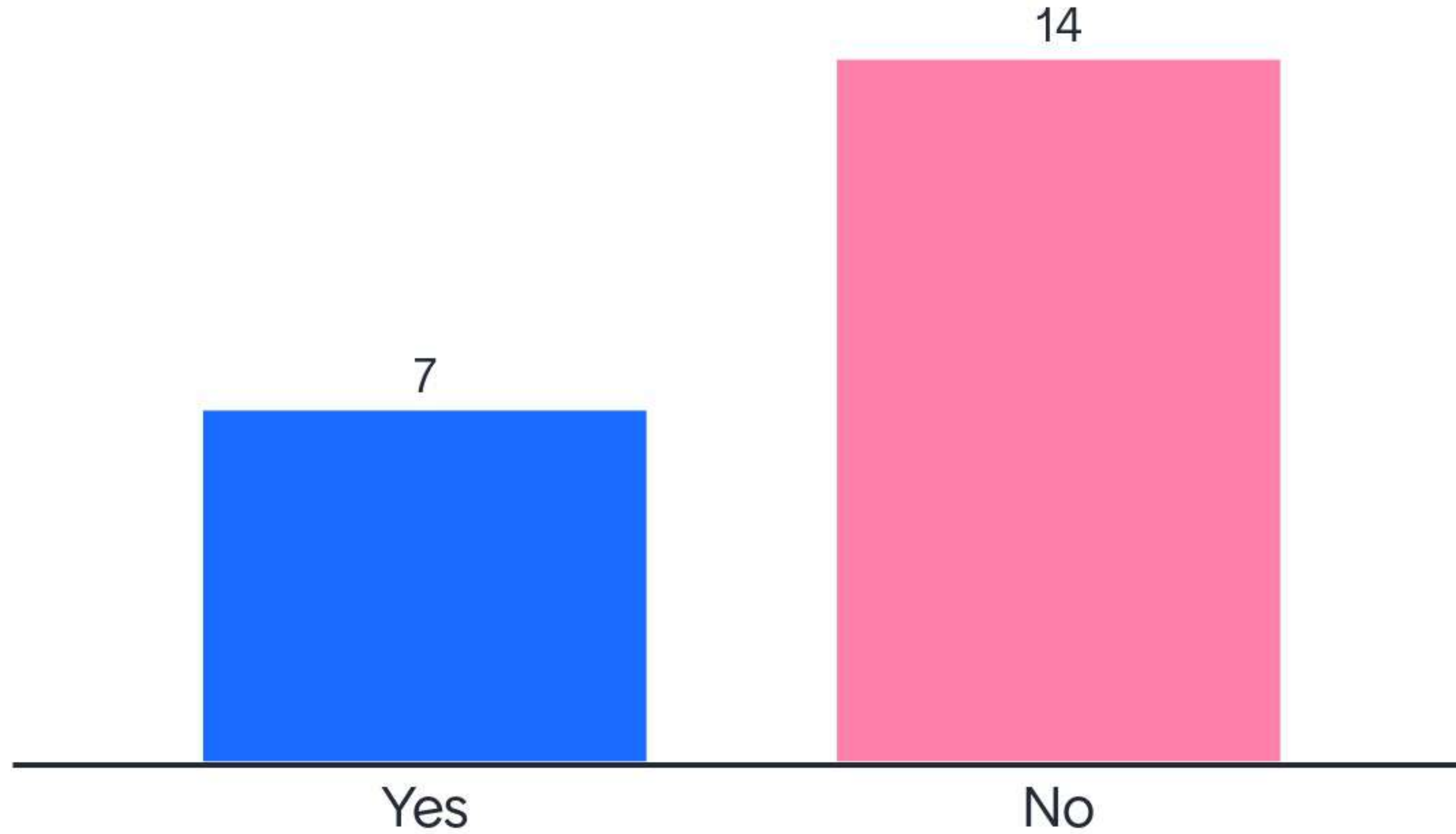
Q#1: Where are you from ? (Country)



Q#2 : Are the research questions relevant to your country?



Q#3 : Is there any missing research question? If yes, go to the next slide



Q#4 : What research question is missing ?

7 questions
32 upvotes

Questions



Only show unanswered questions

Sort by

Upvotes



Asked on: Q#4 : What research question is missing ?

12

Given the strong differences among region, does it make sense trying to delineate common patterns? or is it better address social innovation drivers/ challenges mainly locally?

Asked on: Q#4 : What research question is missing ?

8

How to create an enabling environment and equal opportunities for youth to innovate in the sector

Asked on: Q#4 : What research question is missing ?

5

1. What are the main priorities that needs to be addressed when considering moving towards the forest-based Bioeconomy in Mediterranean region?

Asked on: Q#4 : What research question is missing ?

4

What is the perception of the landowners about PES, namely regarding those situations in which hunting or mushrooms are an economic branch on society, but not directly benefiting the landowners?

Asked on: Q#4 : What research question is missing ?

4 

What is the perception of the landowners about PES, namely regarding those situations in which hunting or mushrooms are an economic branch on society, but not directly benefiting the landowners?

Asked on: Q#4 : What research question is missing ?

2 


what would be the format of social innovation in the forestry sector ..as it doesnot follow a regular model

Asked on: Q#4 : What research question is missing ?

2 

no systematic review of organizational level innovations in the field of bioeconomy

Asked on: Q#4 : What research question is missing ?

0 

What are other main disciplines that can support transdisciplinary research?

Discussion #1



15 min

Q1

On the Right of local communities and indigenous people in innovation

Laura
They are still understudied, there is only a few papers on the role of these communities and their interconnectedness to other actors. There's a need to give more visibility to all the fragmented initiatives and to do further research

On the Division between social and institutional innovation

Laura:
social is more focused on dynamics and changes in civil society. Institutional innovation is more related to policies. Both can be determined by one another. Need for system thinking approach in the classification, analysis and synthesis as they are all interlinked.

On how much political pressure creates interest in innovation?

Laura
EU funded calls and others were the visible drivers for innovation. SIMRA project tackled both urban and rural areas. There's a shift in timespan from calls to real projects, it takes lots of time and is affected by political pressure. Actions are faster than research and policy.

On Monitoring and evaluation

Laura:
SIMRA developed a set of indicators that have been well geographically distributed and tested.
This gap was significantly covered

On comparing innovations in Europe vs Mediterranean countries

Laura:
Dominant driver countries are nordic because their forests are considered to have a high economic value, thus a high political interest. They apply the cascade approach (least waste, more bioeconomy).
In most Mediterranean countries forests are not considered to have an economic value, so there's no interest in investing in them. Plus no technological capacities to produce wood for construction due to lack of previous investment.

On the Weak social linkages in Mediterranean

Laura:
Researchers and citizens must push politicians to realize that forests are relevant resources that can be used in multiple ways. Need to improve capacity in communication and dissemination. Dilemma between timber production and ecosystem conservation is again an issue. Need to balance and define urgencies.

Breakout rooms



Miss Federica Romagnoli



Mediterranean Youth Task ...



Rhea Kahale



Mediterranean Youth Task ...



Hiba Mohammad



Mediterranean Youth Task ...



Leila Rossa Mouawad

Mediterranean Youth Task ...



Sanjay Mishr

Mediterranean Youth Task ...

Questions serie 2



15 min

What are the main challenges in your country to implement the research proposed ?



15 min

Q1: Where are you from ? (Country name)

Q2: You are ...

Q 3: The main challenges in my country to implement the research proposed are ?

Go to **menti.com**

The voting code

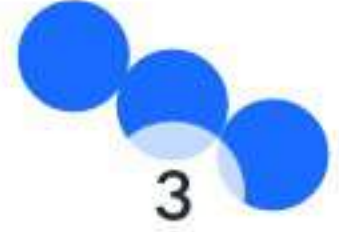
8778 7823



Q1: Where are you from ? (Country name)

syria india iran
spain méxico
lebanon
portugal italy greece
austria

Q 2: You are ...



NGO representative

0

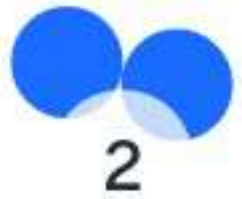
Policy maker



Researcher



Student



Forest manager

0

Forest owner

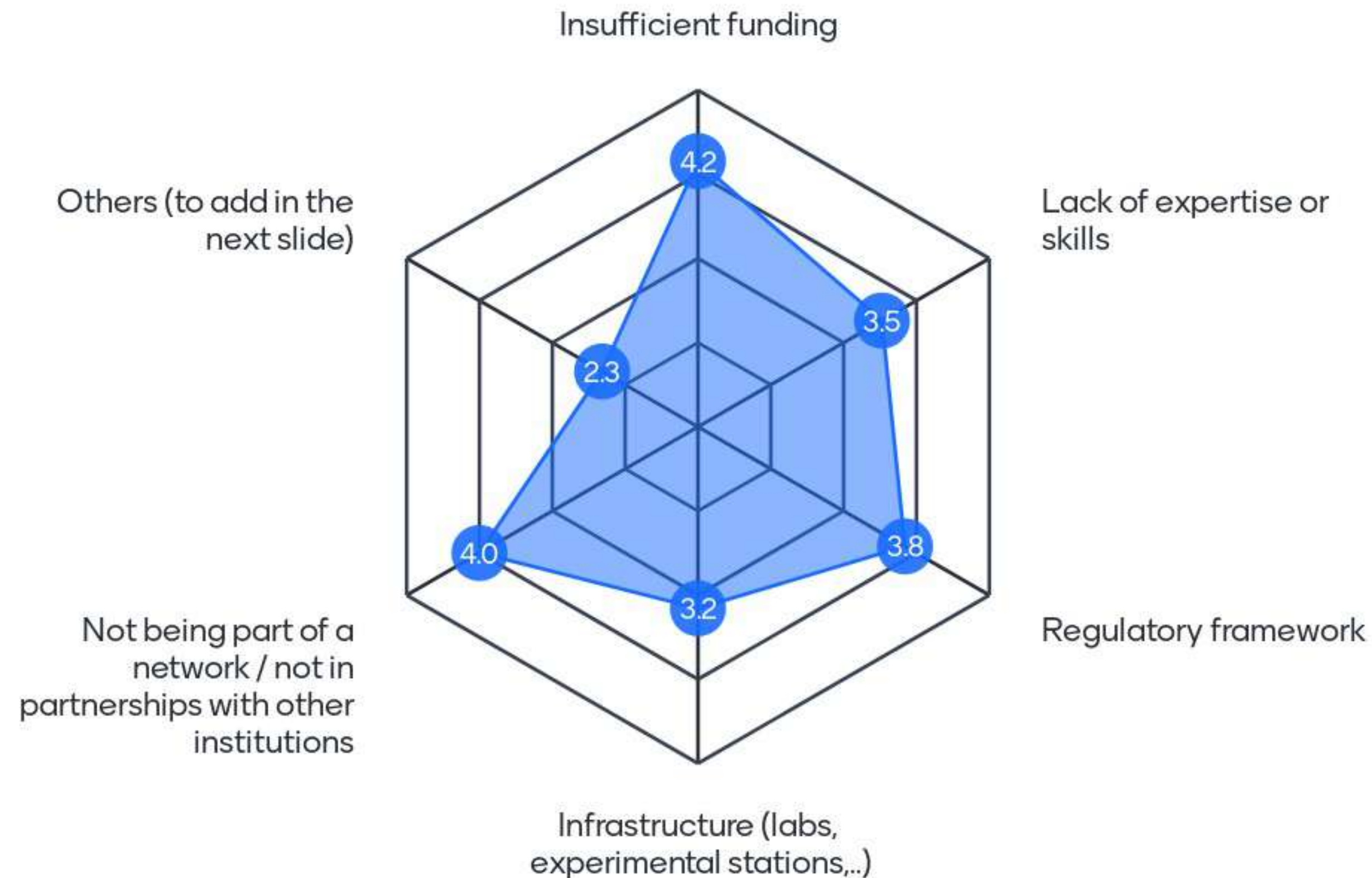
0

Government representative

0

United Nations Agency representative

Q 3: The main challenges in your country to implement the research proposed are :



Q 4: What are the additional challenges to implement this work?

12 questions
20 upvotes

Questions



Only show unanswered questions

Sort by

Upvotes



Asked on: Q 4: What are the additional challenges to implement this work?

6

Lack of cross-sectoral programmes and support mechanisms, as many innovations are of cross sectoral nature

Asked on: Q 4: What are the additional challenges to implement this work?

3

rural people and forest dwellers are not involved in innovations.

Asked on: Q 4: What are the additional challenges to implement this work?

2

Lack of effective communication

Asked on: Q 4: What are the additional challenges to implement this work?

2

Lack of collaborative culture between "guilds" (disciplines: foresters, natural scientists, economists, social sciences, stakeholders, etc.), lack of interdisciplinary research approaches.

Asked on: Q 4: What are the additional challenges to implement this work?

2

People are not fully aware about what social innovation is !

Asked on: Q 4: What are the additional challenges to implement this work?

1

traditional norms or social practices that are hard to be changes (e.g. role of females in rural areas)



Asked on: Q 4: What are the additional challenges to implement this work?

1 

Insecurity and other sociocultural issues may hinder access to information and forest resources

Asked on: Q 4: What are the additional challenges to implement this work?

1 

Diffusion, knowledge and awareness of the issues. Inform - be informed, sensitize - sensitize

Asked on: Q 4: What are the additional challenges to implement this work?

1 

Rush for excellence in each field hampers cross-sectorial research

Asked on: Q 4: What are the additional challenges to implement this work?

1 

Setting up and Balancing the priorities

Asked on: Q 4: What are the additional challenges to implement this work?

0 

top-down approach

Asked on: Q 4: What are the additional challenges to implement this work?

0 

Lack of support for risky projects (nor by financial institutions, but also supporting organisations who can not see benefits)



Use transformative science and
apply solution oriented
approaches
Need to shift paradigm in
research, going beyond needs
and challenges to capacities and
potentials, by properly setting
priorities
Italy

Allow youth to co-
create priorities
and invent their
own visions
Italy

In some cases stakeholders
would like to support, but
they don't know what to
do.
Researchers have the time,
skills and capacities to
create solutions and fill
gaps
Italy

Main challenge is meeting the
needs of the landowners.
And there is a gap in this
knowledge but not a research
gap it is more likely to be social
one.
Along with the difficulty of
turning research results into
applicable actions
Portugal

An important challenge is
this link between What is
being developed and the
needs of landowner.
Landowner needs must be
the base of the innovation

RESOURCES - Featured scientific papers

SP1 #1

[A forest-based circular bioeconomy for southern Europe: visions, opportunities and challenges](#)

SP #2

[Study of the Effects of Globalization on the Economic Viability of EU Forestry](#)

SP #3

[Circular bioeconomy for olive oil waste and by-product valorisation: Actors' strategies and conditions in the Mediterranean area](#)

SP#4

[Bridging Social Innovation with Forest and Landscape Restoration](#)

RESOURCES - Reports

**Non-wood forest products for people, nature and the green economy.
Recommendations for policy priorities in Europe**



Non-wood forest products for people, nature and the green economy

RESOURCES - Projects

RESONATE : <https://resonateforest.org/>



SUPERB: <https://forest-restoration.eu>



SUPERB
Upscaling Forest Restoration

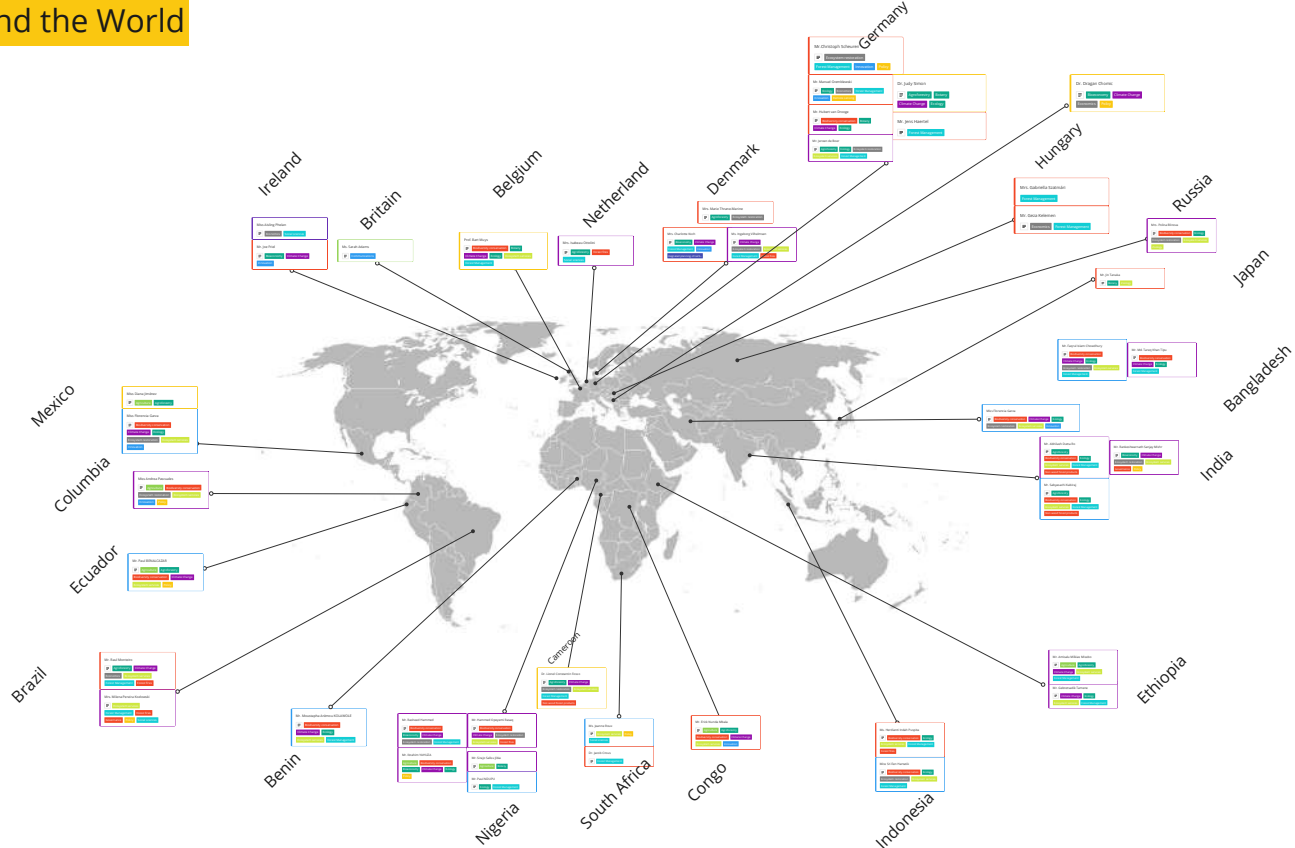
(H2020 SIMRA project – www.simra-h2020.eu)



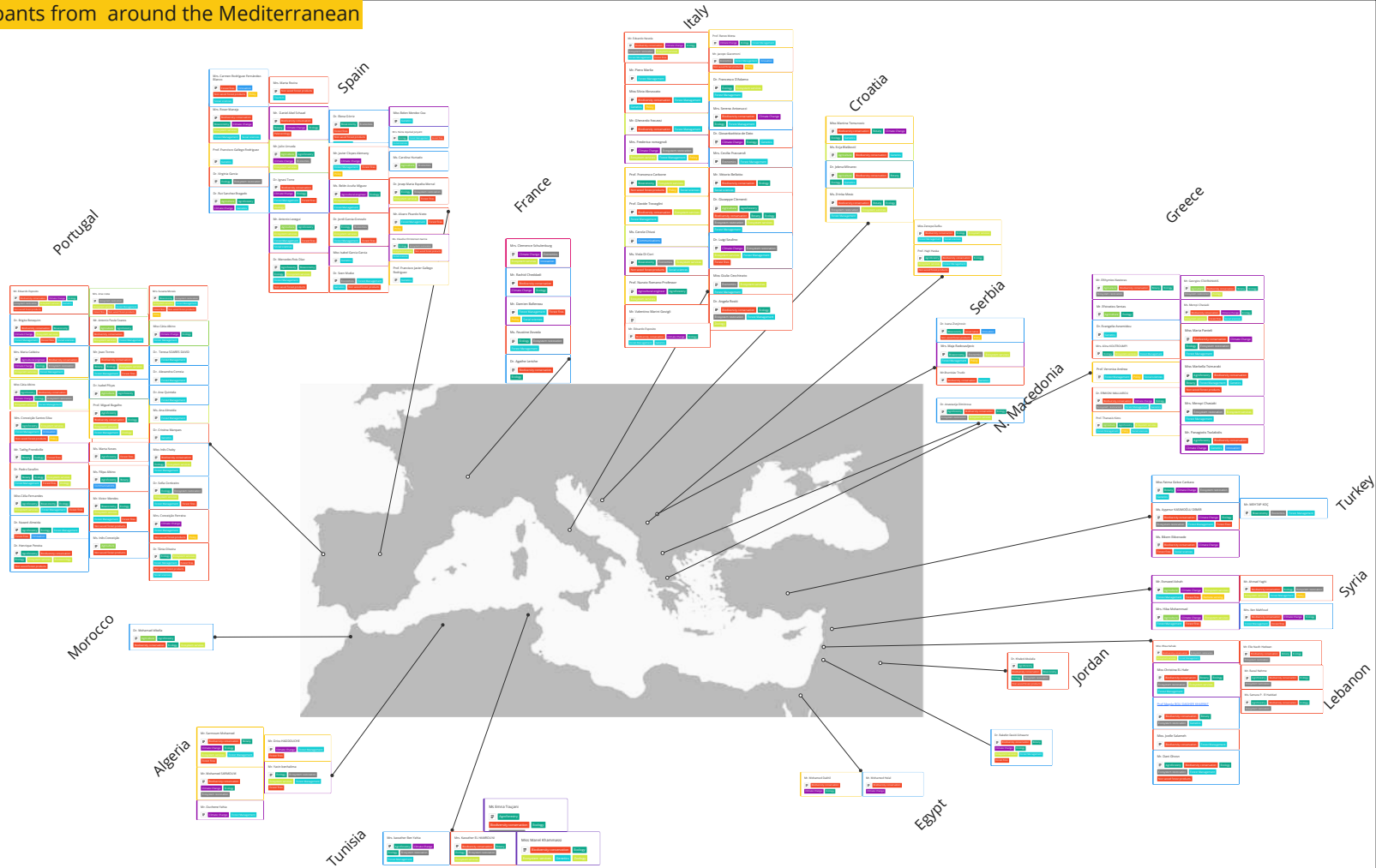
<https://www.incredibleforest.net/>



Participants from around the World



Participants from around the Mediterranean





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