

EU AgriResearch

CONFERENCE 2023



European
Commission

Sustainable management for multifunctional forests

Breakout session 4



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European
Commission

Please take a seat according to your interest

TABLE 1.1
Forest
Bioeconomy

TABLE 2.1
Biodiversity
and Climate
Change

TABLE 3.1
Megatrends

TABLE 1.2
Forest
Bioeconomy

TABLE 2.2
Biodiversity
and Climate
Change

TABLE 3.2
Megatrends



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Objectives & expected outcome

Co-create a list of potential priority R&I actions and an improved landscape of tools to be considered in the future EU R&I programming

Part I

Presentations and a plenary discussion

Part II

Co-creation exercise with all participants



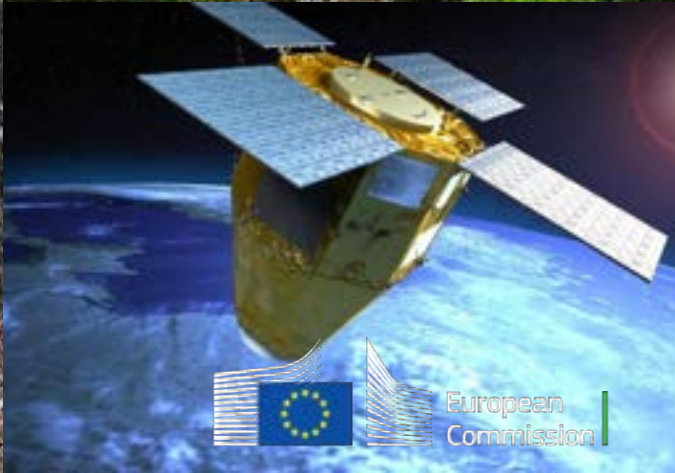
Gaëlle Marion



Argyro Zerva



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Agenda

- | | | |
|---------------|------------------------|---------|
| 09:15 – 09:25 | Welcome | Part I |
| 09:25 – 09:35 | Keynote speech | |
| 09:35 – 09:45 | Presentation Horizon | Part II |
| 09:45 – 10:45 | Panel discussion | |
| 10:45 – 11:45 | Co-creative discussion | |



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Keynote speech

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Robert Mavsar

« The role of science in the age of forests »



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The role of science in the age of forests

Robert MAVSAR
European Forest Institute

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Multiple challenges

- climate change
- environmental degradation/ loss of biodiversity
- population growth
- urbanisation
- food security
- ...

Need for change

- Value nature
- Rethink the economic model
- Innovative governance models

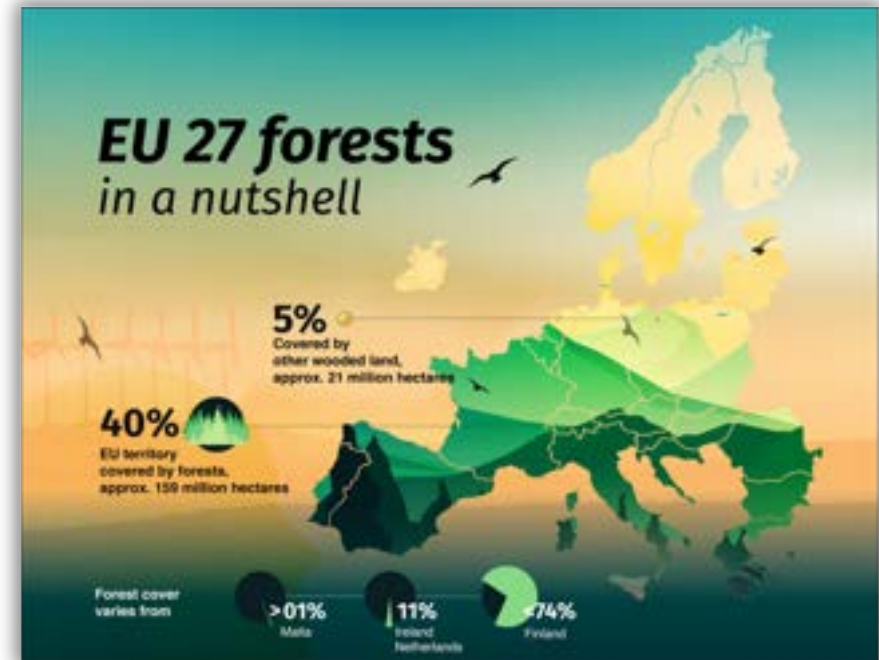


Forests - the
universal
solution?



Forests in the EU

Forests play a crucial role in our well-being. From storing carbon and mitigating climate change, forests provide habitats for animals and livelihoods for humans.





Protect or use?

- carbon sequestration and biodiversity protection vs. bioeconomy?
- adaptation to changing conditions

The role of science

- creating new knowledge
 - resilience
 - bioeconomy
 - governance
- communication
 - stakeholder interaction
 - co-creation





Thank you

Robert Mavsar

EU Framework Programme for Research and Innovation



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Michael Wolf

« R&I actions and tools under Horizon 2020 and
Horizon Europe »



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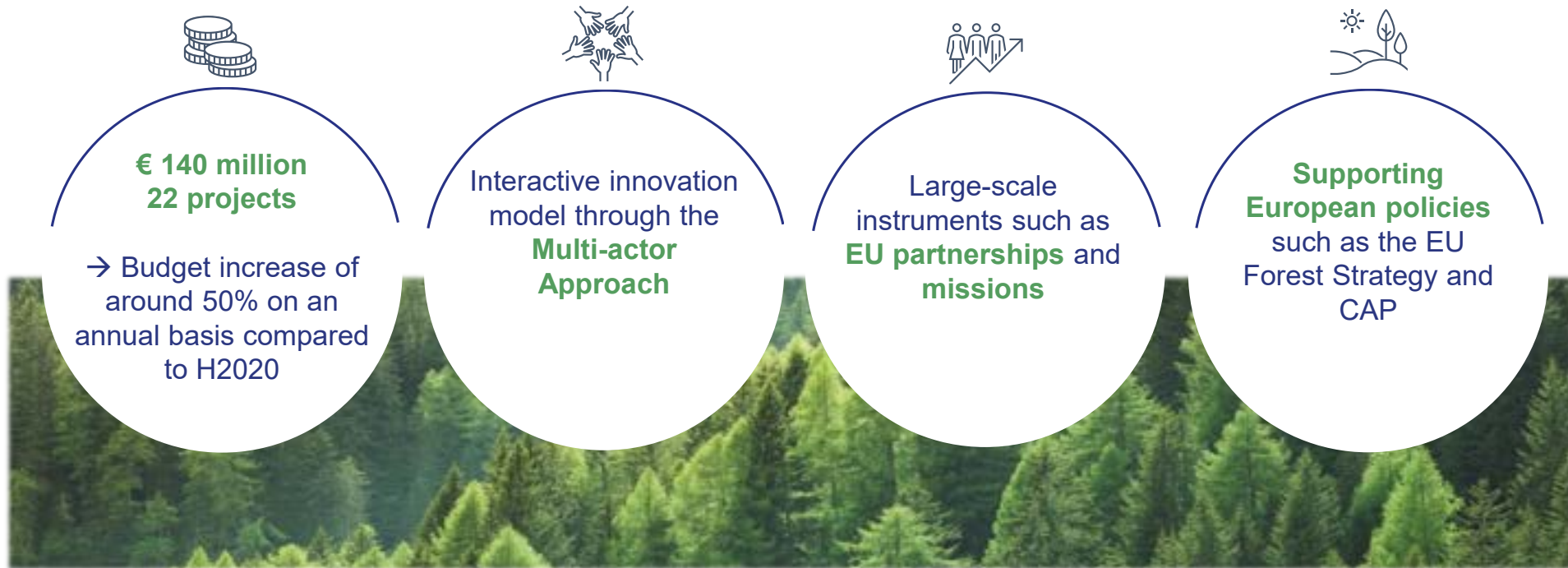
Our strategic approach to R&I



Five strategic priorities



Forestry research under Horizon Europe (2021-24)



Toolbox for promoting sustainably managed and multifunctional forests



Thriving rural areas and boosting the forest-based bioeconomy – project examples



*Sustainable **wood construction** for rural development and urban transformation*



*Sustainable and innovative wood value chains for the **construction of multi-storey wood buildings***



Knowledge transfer network for sustainable European wood mobilisation



Digital solutions in the forest sector to optimise the supply chain



Climate change mitigation and adaptation, ecosystem restoration – project examples



*Sustainable forest management practices to enhance **carbon sequestration** while protecting **biodiversity** and ensuring the **supply of sustainable forest products and ecosystem services***



*Climate Change adaptation through **Living Labs** situated in climate hotspots in Europe and China*



*Conservation and sustainable use of **forest genetic resources** in the **climate change context***



*Environmental **monitoring** of forests, **climate-smart forestry** and **restoration***



Innovations for forest ecosystem services – project examples



*Development of innovative **business models** for non-wood forest products (cork, resins & edibles)*



*Pathways to govern Europe's multiple **forest ecosystem services***



*Innovations for the sustainable **supply and financing** of forest ecosystem services*



***Alternative models** and **robust decision-making** for future forest management.*



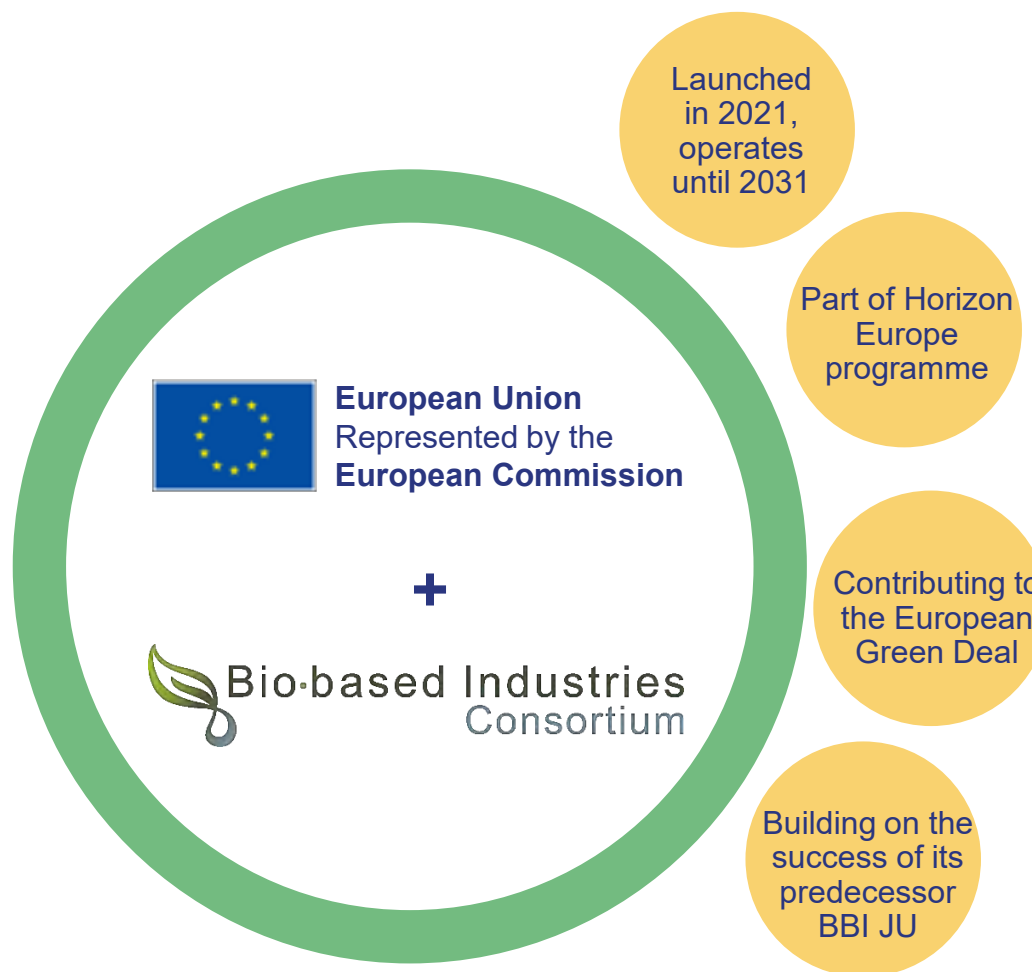
Public-Private Partnership: CBE JU

Circular Bio-based Europe Joint Undertaking

€2 billion public-private initiative



Advancing a competitive bioeconomy for a sustainable future



Candidate partnership: Forests and Forestry for a Sustainable Future



EU Forest Strategy for 2030:

“In order to strengthen EU cooperation, a research and innovation partnership on forestry will be proposed to overcome the fragmentation of public research efforts in the EU and to reinforce work on research priorities that call for a stronger coordination.”

- Tentative budget: > € 200 million (€ 70 million EU funding)
- Proposed starting year: 2025





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Panel discussion



Nike Krajnc



Davide Pettenella



Florence Pendrill



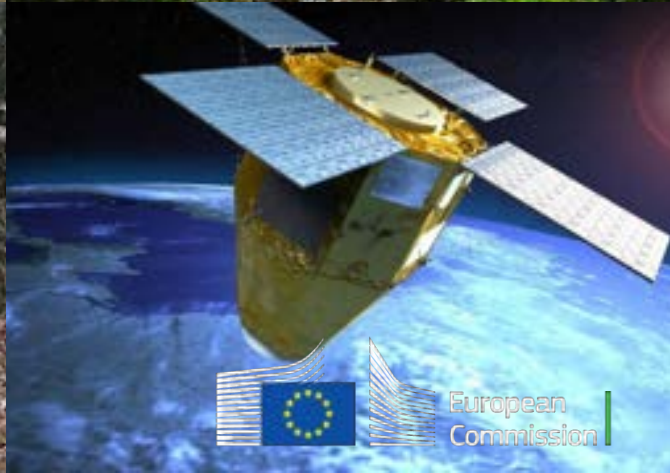
Gerhard Weiß



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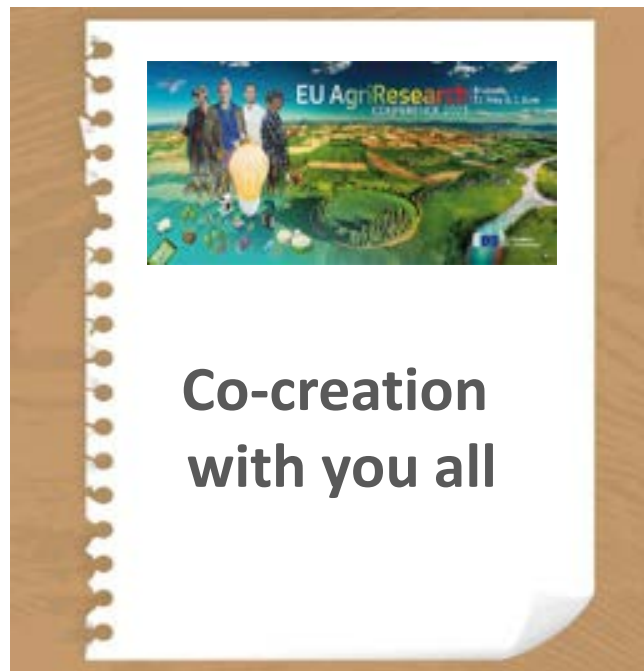


Co-creative discussion



Participants, have your say!

Your ideas are essential for Horizon Europe and beyond



Strategic Plan 25-27

Work Programme(s)
2025 to 2027

Partnership “Forests and Forestry for a
Sustainable Future”

Next EU R&I Programme and CAP
after 2027

Let's co-create in four focus areas

1.1 & 1.2

Unlocking the
potential of a
sustainable EU forest
bioeconomy

2.1 & 2.2

Forest resilience,
biodiversity and
climate change

3.1 & 3.2

Other megatrends
affecting science,
technology and
innovation



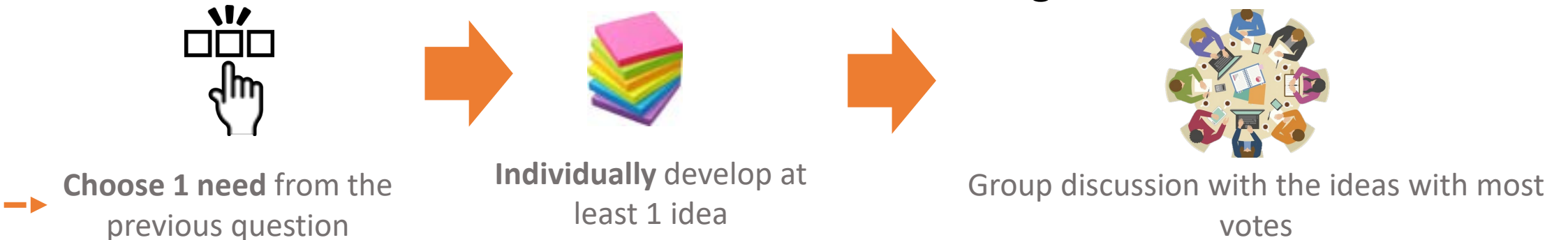
Two questions in each
of the three focus areas

Co-creation

Question 1: What are the research needs in this area?



Question 2: How should those needs be delivered through research and innovation?



Meaning of 'how'

Consider in your reply the following:

- Basic research, innovation, stimulate alignment among Member States research activities?
- If technological developments expected, what level of maturity? Experimental proof of concept, validation/testing in the lab or related real environment, prototyping...?
- International collaboration key and if so with which regions?
- Other major initiatives to be aware of for consideration and/or collaboration?
- New ideas?



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THANK YOU

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