

R&I contribution to the Green Deal objectives: Climate Action

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European R&I Roadmap on Climate Services



Focus moves from supply (climate research) to demand (innovative solutions)

- Climate services as a key enabler of EU climate policy
- Make climate knowledge actionable, to support the transition to a climate-resilient and low-carbon society.
- Stimulate this shift and facilitate the emergence of a climate services market
- Support economic value generation, minimising risks and seizing opportunities

Frameworks, Programmes, Initiatives



WG for the CS Roadmap implementation



ERA4CS
AXIS



*Regional and national
Climate Services
centers*



European Space Agency



Contributions and Outcomes of CS projects

VISCA project specific contribution:

- VISCA DSS
- Joining researchers and three EU wine producers in co-design and co-development process
- Building VISCA community
- Lessons learned

Contributions and Outcomes of CS projects

Main challenges:

- Understanding risks and bridging the terminology gap is key to adopt climate services → **CS only add value if they reduce risks in decision making.**
- All key actors need to be involved (adopting the principle from Farm to Fork): Planning, co - development and validation of climate services tools are key steps in the uptake of solutions by the users.
- Scaling-up and replicability
- Building effective business models, go-to-market approaches.

Contributions and Outcomes of CS projects

Next steps:

- The added value of CS depends on the **quality and reliability of climate predictions** → CS have an important role in filling the gap in providing reliable mid-term climate predictions/scenarios.
- **Transdisciplinary approaches** and **standardization of methodologies and interpretation of results** need to be aligned across sectors but sector-specific needs must be taken into account as well.

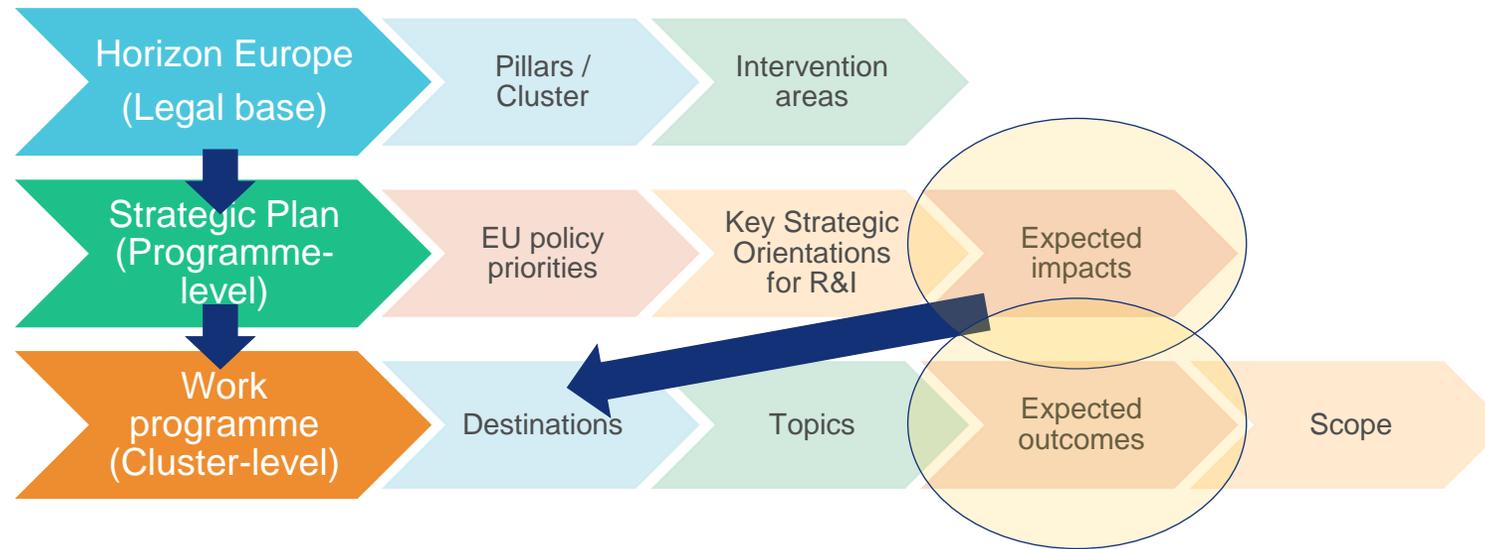
Horizon Europe Structure



Introduction to Cluster WP structure

- Horizon Europe intervention logic and priorities for 2021-2024 are defined in the Strategic Plan
- First WP (2021-2022) is proposed to be designed around coherent packages of calls and topics aimed at contributing to the expected impacts set out in the Strategic Plan, the “Destinations”.
- Applicants will be required to set out in their proposals a credible pathway for how the project – if successful – would contribute not only to the expected outcomes set out in the relevant topic text but also to the expected impacts of the Destination.

Horizon Europe Intervention Logic



Horizon Europe proposed Missions

Five missions proposed on the 22 September during the R&I Days

1. Conquering Cancer: Mission Possible
2. **A Climate Resilient Europe** - Prepare Europe for climate disruptions and accelerate the transformation to a climate resilient and just Europe by 2030
3. Mission Starfish 2030: Restore our Ocean and Waters
4. 100 Climate-Neutral Cities by 2030 - by and for the citizens
5. **Caring for Soil is Caring for Life**



A mission is a portfolio of actions across disciplines intended to achieve a **bold and inspirational and measurable goal** within a set timeframe, with **impact** for society and policy making as well as relevance for a significant part of the European population and wide range of European citizens.

New approach to European Partnership

New generation of objective-driven and more ambitious partnerships in support of agreed EU policy objectives

Key features

- **Simple architecture and toolbox**
- **Coherent life-cycle approach**
- **Strategic orientation**

Co-programmed

Based on Memoranda of Understanding / contractual arrangements; implemented independently by the partners and by Horizon Europe

Co-funded

Based on a joint programme agreed and implemented by partners; commitment of partners for financial and in-kind contributions

Institutionalised

Based on long-term dimension and need for high integration; partnerships based on Articles 185 / 187 of TFEU and the EIT-Regulation supported by Horizon Europe

Candidate Partnership 'Agriculture of Data'

Co-funded, foreseen to start in 2023.

DG R&I and DG AGRI to co-design with potential partners.

Questions?



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