

# 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

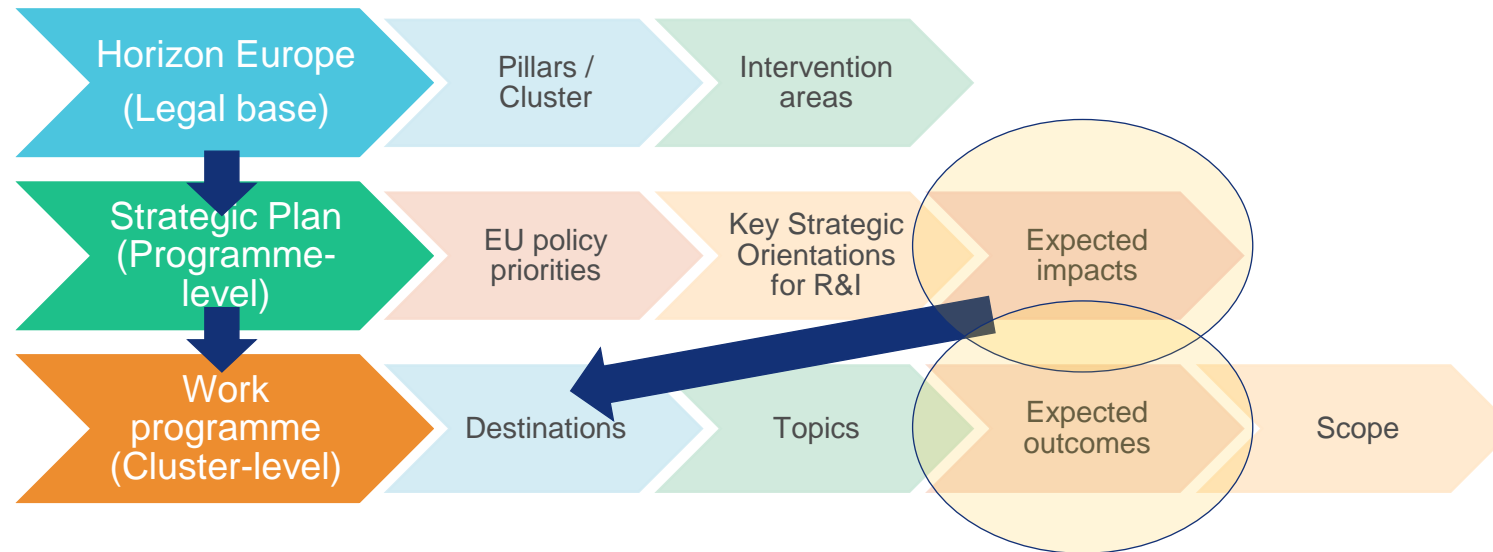


# Introduction to Cluster WP structure

- 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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