

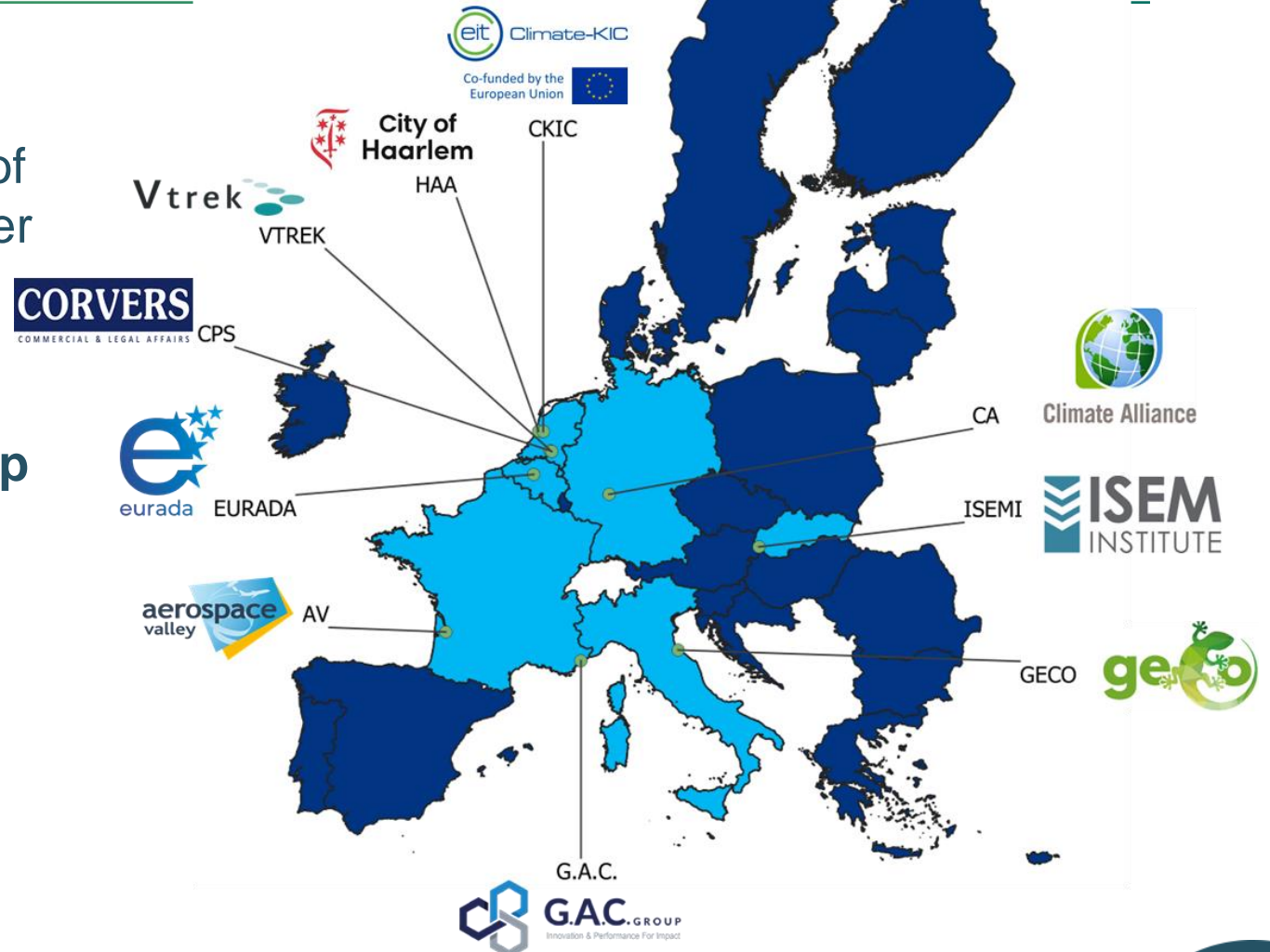
# How can Pre-Commercial Procurement and Earth Observation help cities tackle climate change?

Marc Pattinson, G.A.C. Group  
Project Coordinator



# PROTECT ID Card

- PROTECT is a project funded by the European Commission in the framework of the HORIZON EUROPE programme under Grant Agreement Number **101060592**.
- Call info: [Link](#)
- PROTECT is coordinated by **G.A.C Group**
- **10** European partners
- Budget **2M€**
- Start: 1<sup>st</sup> of June 2022
- End: 31<sup>st</sup> of May 2024 (**24 months**)



# PROTECT in a nutshell

PROTECT's mission is to prepare and equip a **community of public authorities/ buyers** to undertake one or more joint, cross border or coordinated **Pre-Commercial Procurement(s)** processes in order to help **shape the next generation of climate adaptation and mitigation services based on Earth Observation data**.

By taking part in PROTECT activities, public authorities/ buyers will be strategically positioned for an upcoming Horizon PCP call ([HORIZON-CL6-2024-GOVERNANCE-01-5: Customisation/pre-operationalisation of prototypes end-user services in the area Climate Change Adaptation and Mitigation](#)) expected to be launched in fall 2024 with a funding amount of up to EUR 19 million.

Through PROTECT, public authorities facing **similar pressing challenges related to climate change** will be connected and supported in the formulation of concrete and realistic **needs for EO-based climate services applicable to 5 selected domains**.

Marine and  
coastal  
environments



Energy &  
Utilities



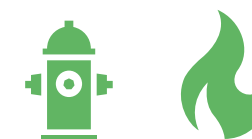
Sustainable urban  
communities



Agriculture,  
Forestry and  
other land use



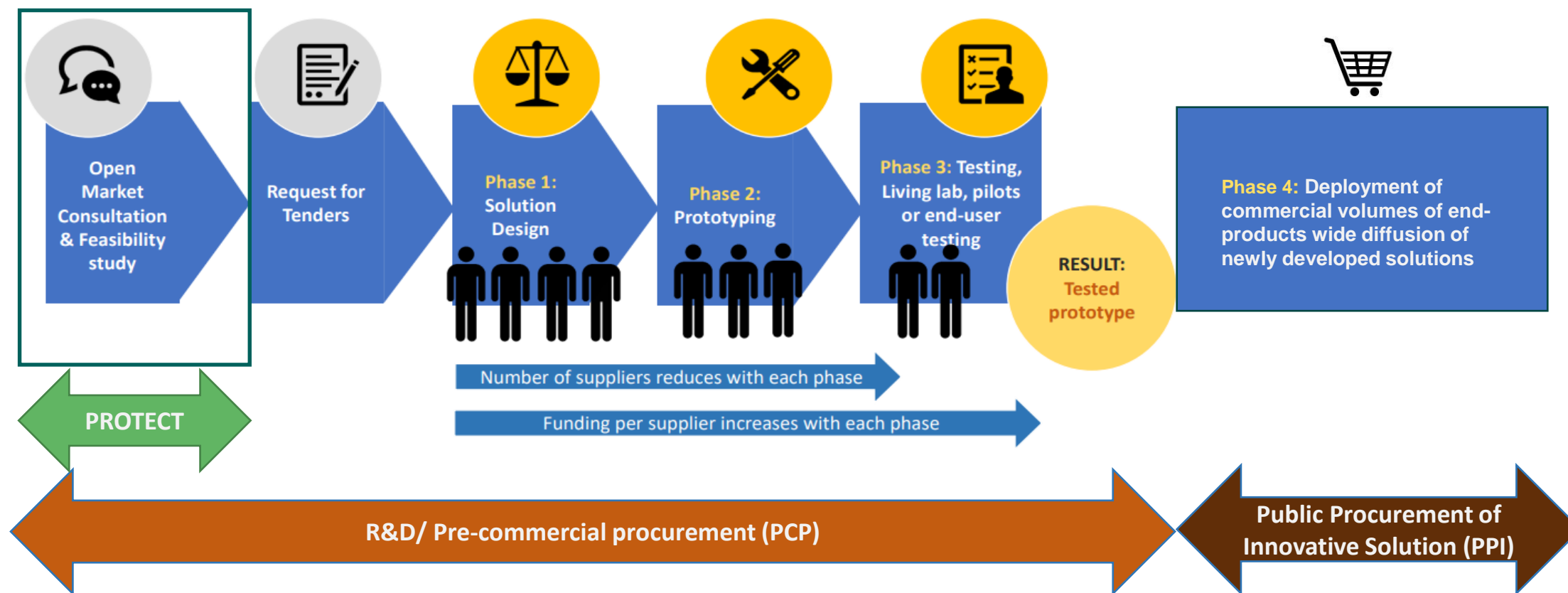
Civil security &  
protection



PROTECT contributes to achieving 10 of the 17 UN Sustainable Development Goals

# Zoom on Pre-Commercial Procurement

Pre-Commercial Procurement enables cities to procure competitive R&D of innovative solutions from multiple suppliers through a competitive staged approach.



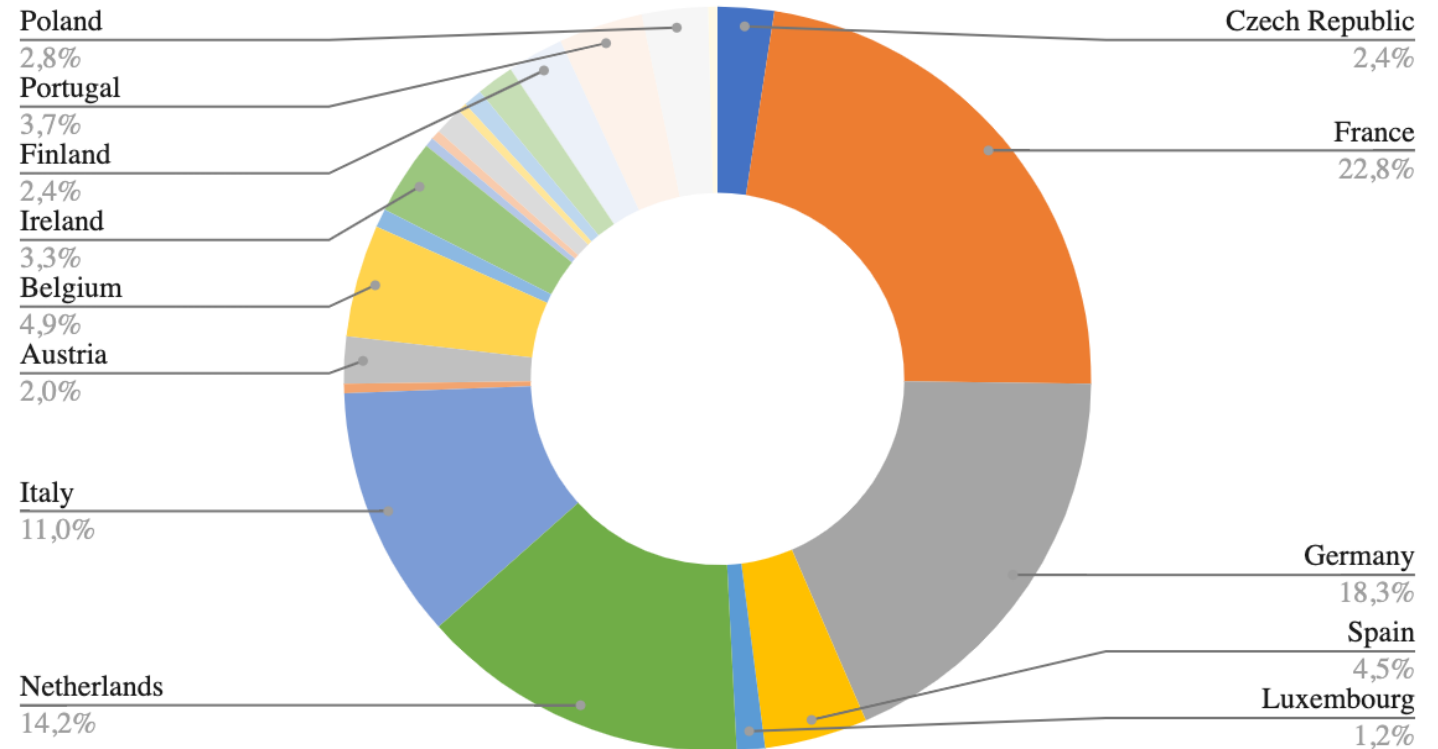
# Zoom on EO climate services mapping

246 services  
identified by Jan 23  
and more to come!

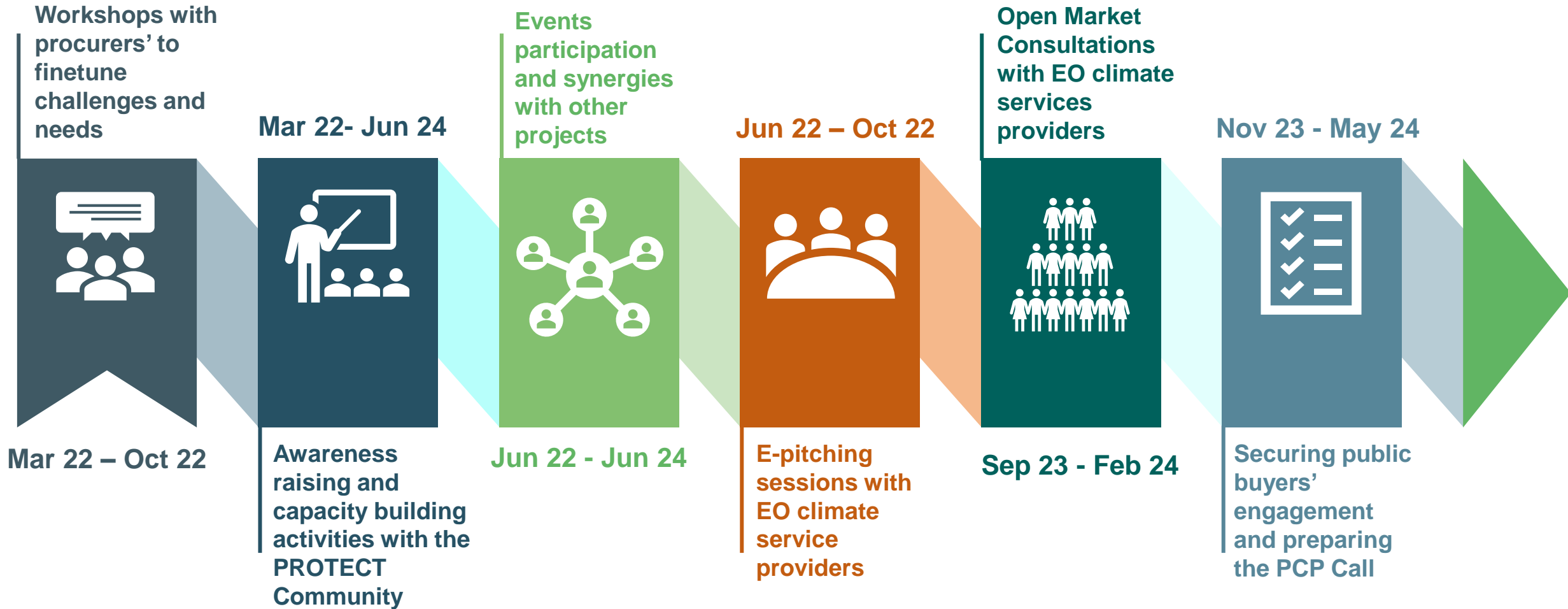
## Type of technologies analysed

- Satellites
- Drones
- Aircrafts
- Ground sensors IoT
- Artificial Intelligence (AI)/ Machine Learning (ML)
- **Others** is the sum of other types of technologies and data used in complementarity with EO (ex: In-situ, High Altitude Platform Station (HAPS), citizen observations, crowd sourcing).

Climate Services Distribution by Country



# Upcoming activities



# Upcoming pain point workshops

28 MARCH 2023	
Time	WG Application domain
10:00 to 11:30	MARINE AND COASTAL ENVIRONMENT
12:45 to 14:15	SUSTAINABLE URBAN COMMUNITIES
14:30 to 16:00	CIVIL SECURITY AND PROTECTION DOMAIN
29 MARCH 2023	
Time	WG Application domain
10:00 to 11:30	ENERGY AND UTILITIES
14:30 to 16:00	AGRICULTURE, FORESTRY AND OTHER LAND USE DOMAIN

FOR MORE INFORMATION, VISIT: [PROTECT.CO.UK](#)



# Upcoming training webinars



## INNOVATION PROCUREMENT AND CLIMATE SERVICES **TRAINING CURRICULUM**





# Interested in joining the PROTECT Community?

We are waiting  
for you!



## OPEN CALL FOR PUBLIC AUTHORITIES

INTERESTED IN DEVELOPING INNOVATIVE  
CLIMATE CHANGE SERVICES THROUGH  
PRE-COMMERCIAL PROCUREMENT



 [www.protect-pcp.eu](http://www.protect-pcp.eu) 

# Getting Ready for Future Funding

By taking part in PROTECT activities, public authorities/ buyers will be strategically positioned for an upcoming Horizon PCP call (*HORIZON-CL6-2024-GOVERNANCE-01-5: Customisation/pre-operationalisation of prototypes end-user services in the area Climate Change Adaptation and Mitigation*) expected to be launched in 2024 with a funding amount of up to EUR 19 million.

# Contact

## Project Coordination:

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