

# PCP WISE

## WATER MANAGEMENT INNOVATIONS FOR CLIMATE RESILIENCE

### WHAT IS PCP WISE ABOUT?

PCP WISE is a Pre-Commercial Procurement (PCP) initiative to drive innovation in climate adaptation. By bridging the gap between market demand and supply, PCP accelerates the development of cutting-edge solutions addressing soil-water-vegetation-related crises. Led by Het Waterschapshuis, PCP WISE brings together a Group of 12 Public Buyers to jointly fund R&D services, advancing solutions to TRL 7-8. The goal: faster time-to-market, cost efficiency, and high-impact innovation. The project focuses on 5 key use cases to address critical climate adaptation challenges.



**Use Case 1: Urban Drought** - Focus is on urban drought issues in North-Western Europe, dealing with water distribution problems in city undergrounds due to various human and external factors. This use case aims to mitigate water shortages impacting infrastructure and living conditions.



**Use Case 2: Urban Flooding** - It addresses urban water excess in Eastern and Northern Europe, where the abundance of water affects city infrastructure. This use case focuses on managing water storage and infiltration issues exacerbated by regional factors like sea-level rise.



**Use Case 3: Rural Drought** - It tackles rural drought in North-Eastern Europe, where extreme climate variations impact agriculture and nature, leading to issues like wildfires and production losses.



**Use Case 4: Rural Drought & Flooding** - It deals with rural drought and flooding in Southern Europe, where structural drought periods and intense rainfall affect agricultural processes and cause significant production challenges.



**Use Case 5: Rural Drought & Flooding** - It focuses on rural drought and flooding in North-Eastern Europe, addressing problems caused by extreme groundwater conditions that impact land use and infrastructure. This use case aims to manage soil moisture conditions to prevent issues like organic oxidation and underground peat fires.



### PCP WISE IS LOOKING FOR REAL SOLUTIONS FOR REAL PUBLIC NEEDS



1. Urban & rural flood forecasting



2. Wildfire detection & risk monitoring



3. Infrastructure stress monitoring



4. Multi-hazard early warning systems



5. Planning tools for soil & water

## WHO DOES PCP WISE TARGET TO TACKLE THESE CHALLENGES?

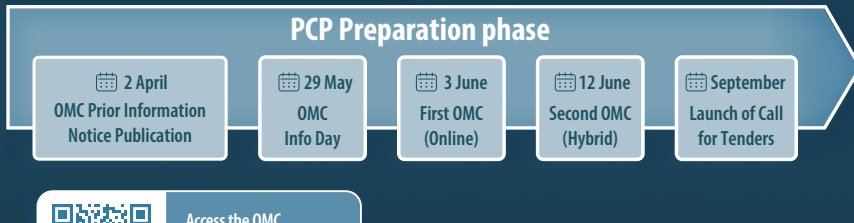
In September 2025, PCP WISE will launch a Call for Tenders that will remain open for a period of 6 months inviting all types of innovative companies (start-ups, SMEs, large companies) in the following fields to submit a bid:

- 🔥 Civil engineering and management, including upscaling
- 🔥 Hydrology (models, skills, services)
- 🔥 Remote sensing services
- 🔥 Crisis risk/impact assessment
- 🔥 Legal and contracting (EU standards, AI, IPR, etc.)
- 🔥 ICT for operational information production (upscaling, back/front-end processing)



## THE PCP WISE CALL FOR TENDERS PREPARATION PROCESS

To prepare for the upcoming Call for Tenders, interested market suppliers are invited to take part in the PCP WISE Open Market Consultations (OMC)



Access the OMC document and Supplier Request For Information survey



### Get involved

### Project coordination:



### Project partners:



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