



Horizon Europe Brokerage Event
Cluster 6 Calls 2025

Warsaw , 27 May 2025

AI-Powered Real -Time Environmental Monitoring for Sustainable Resource Management

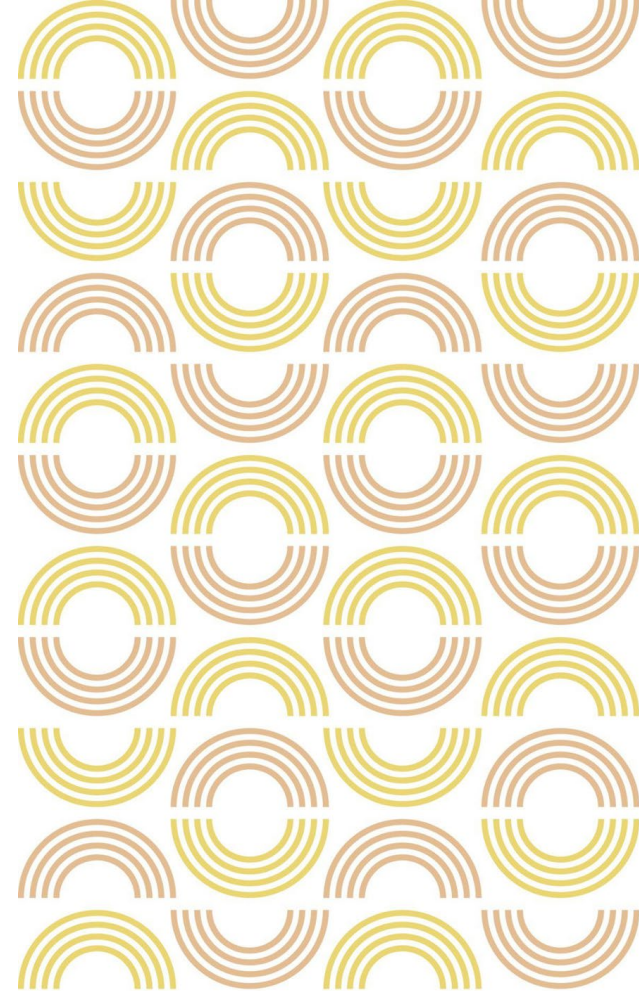
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Topics Addressed

- HORIZON-CL6-2025-GOVERNANCE-01-1: Strengthening the science - policy interface in support of sustainable and inclusive food systems
- HORIZON-CL6-2025-BIODIV-01-4: Environmental observation for biodiversity and ecosystem services

HORIZON -CL6-2025-FARM2FORK -01-5: Integrated and digital solutions for data driven monitoring and management of farming practices

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Project Idea

- The proposed project aims to develop an AI and IoT -based platform for real -time environmental monitoring, focusing on parameters such as air quality, soil moisture, and temperature to promote sustainable resource management.
- Objectives:
 - • Enhance decision -making for resource efficiency and ecosystem preservation.
 - • Provide scalable, real -time analytics for climate change mitigation.
- Initial partners include AI researchers, IoT sensor developers, and stakeholders in environmental policy.

- Main Expertise Offered / Sought

Expertise Offered:

- 25+ years of experience in AI, data analytics, and real-time systems.
- Publications in image processing, deep learning (e.g., Multimedia Tools and Applications, 2024).
- Experience in international projects (e.g., NATO, 2001–2002).

Role in Project:

- Willing to join as coordinator or partner depending on consortium dynamics.

Looking for:

- Partners with expertise in IoT hardware, environmental science, and community-driven sustainability.



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- Contact Details

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