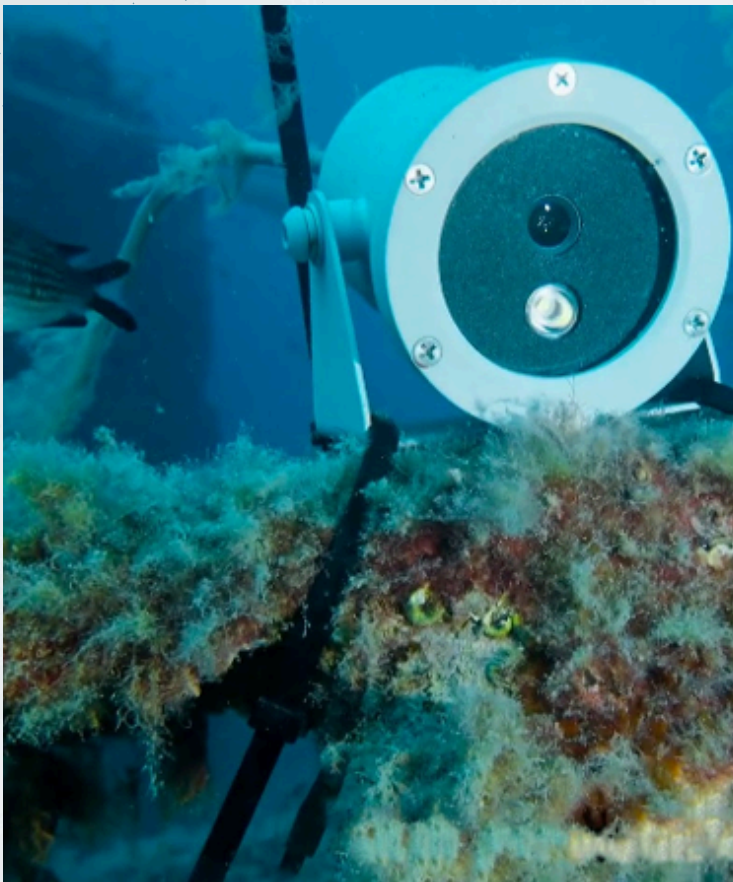


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DIGI4ECO PROJECT

DIGI4ECO is a groundbreaking initiative dedicated to unlocking new discoveries and advancements in the management and restoration of marine ecosystems and biodiversity.

OUR MISSION

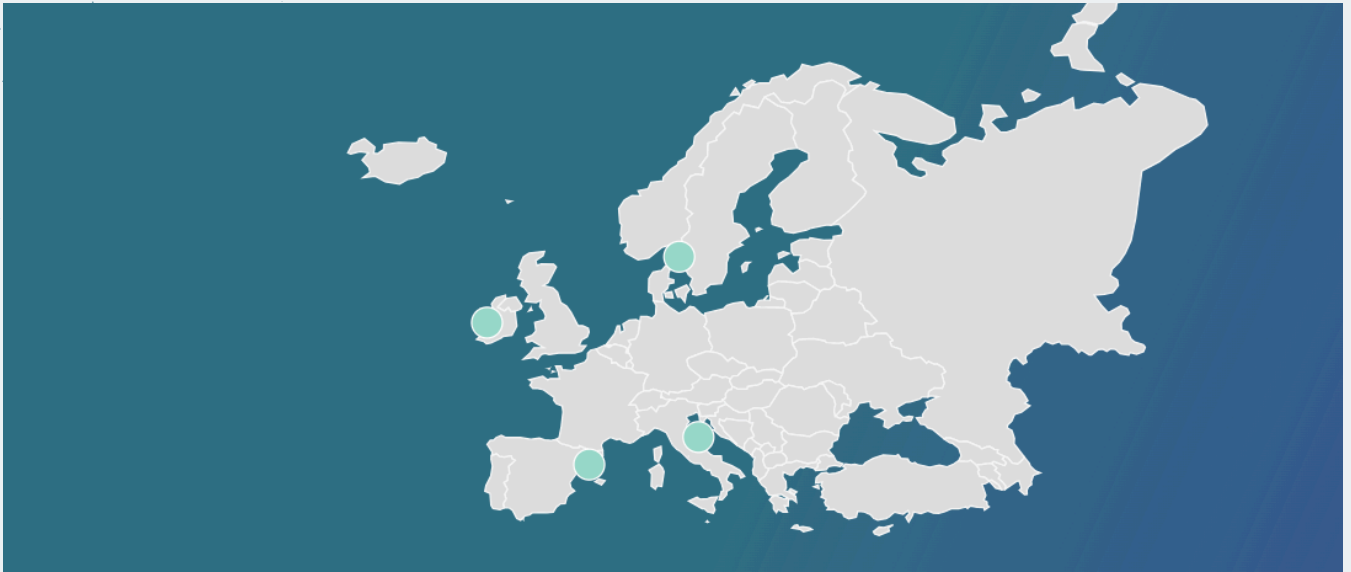
- Our project is dedicated to making past, current, and future data accessible to everyone.
- Through innovative tools and methodologies, we will utilize relevant “sleeping” data collected by various institutions, including physical and chemical sensors and video cameras.



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DEMONSTRATIONS



Atlantic Ocean

Enabling Partners: MARINE INSTITUTE (IE)



Mediterranean Sea

Enabling Partners: UNIVERSITAT POLITECNICA DE CATALUNYA (ES) & UNIVERSITA POLITECNICA DELLE MARCHE (IT)



North (Baltic) Sea

Enabling Partners: GOETEBORGS UNIVERSITET (SE)



Funded by
the European Union

DIGI4ECO has received funding from the European Union's Horizon Europe programme under grant agreement No 101112883.

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DISSEMINATION ACTIVITIES

"1st Korea – Spain Oceanographic Symposium"



16 – 17 May 2024



Busan, Republic of Korea

DIGI4ECO was presented to a delegation from Shanghai!



26 September 2024



ICM-CSIC, Spain.



Funded by
the European Union

DIGI4ECO has received funding from the European Union's Horizon Europe programme under grant agreement No 101112883.

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DISSEMINATION ACTIVITIES

European Researchers' Night



27 September 2024



Ancona, Italy



Funded by
the European Union

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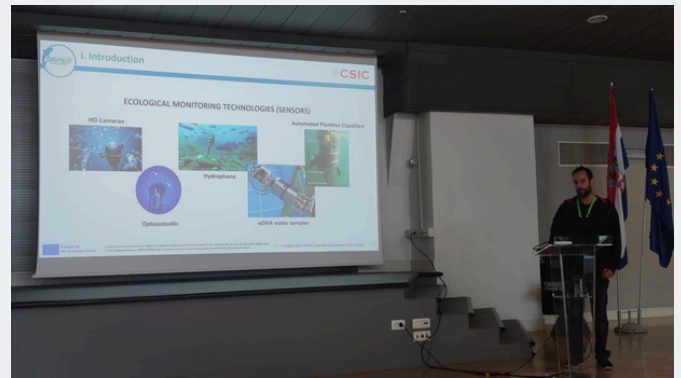


DISSEMINATION ACTIVITIES

EIFAAC International Symposium



7 – 9 October 2024



Pula, Croatia

“The Future of Marine Biodiversity Monitoring” workshop



5–7 November 2024



Sitges, Spain



Funded by
the European Union

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JOURNAL PUBLICATIONS

- **“The re-use of offshore platforms as ecological observatories”**
DOI: <https://doi.org/10.1016/j.marpolbul.2024.117262>
- **“Integrating Blockchains with the IoT: A Review of Architectures and Marine Use Cases”**
DOI: <https://doi.org/10.3390/computers13120329>
- **“Towards the integration of environmental DNA analysis to profile the upper mesopelagic fish layer in the Northeast Atlantic Ocean”**
DOI: <https://doi.org/10.1093/icesjms/fsae152>
- **“Underwater Mediterranean image analysis based on the compute continuum paradigm”**
DOI: <https://doi.org/10.1016/j.future.2024.107481>
- **“10-Years of imagery from a cabled-observatory reveals a decreasing trend in coastal fish biodiversity”**
DOI: <https://doi.org/10.1016/j.scitotenv.2024.178139>
- **“Applications and perspectives of Generative Artificial Intelligence in agriculture”**
DOI: <https://doi.org/10.1016/j.compag.2025.109919>



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