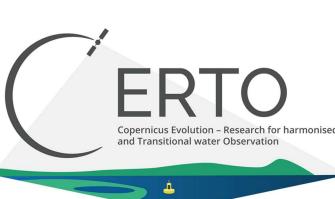


Funded by the European Union's Horizon 2020 research and innovation programme under grant agreement nº 870349



CERTO will provide

easy to use maps and indicators to better monitor the water quality status across all water types and benefit the community in Europe, supporting more efficient planning decisions at a lower cost.

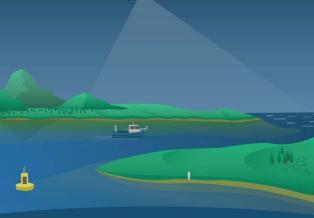
www.certo-project.o



Observation because of the heterogeinity and variety of water conditions, impact of nearby land, and water body bottom

visibility. Satellites offer a cost-effective solution to monitor water quality at a global scale. A variety of methods and approaches are currently used for different water bodies such as oceans and lakes.

CERTO provides a harmonised capability to monitor water quality from lakes, deltas, coastal waters and to the open ocean.



Case Study Areas

The project has six European case-study regions which will be used as test sites for

the CERTO prototype.

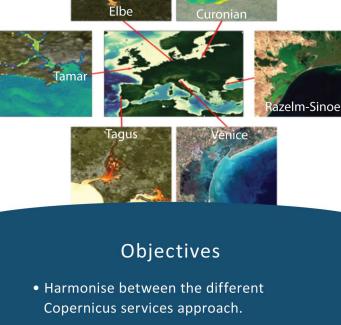
• Curonian lagoon, Russia Lithuania Tamar estuary, UK

• Elbe estuary, Germany

• Tagus estuary, Portugal Venice lagoon, Italy In situ sampling is ongoing at the six

- CERTO Case study areas.

• Razelm-Sinoe lagoon, Romania



industrial, scientific, policy and monitoring stakeholders.

• Interact and consult with commercial,

atmospheric correction methods for water quality in transitional waters.

 Provide a prototype system for use by the Copernicus Services.

In-situ data collection Tagus estuary

• Develop indicators relevant to

• Develop specific in-water and

operating in transitional waters.

management, policy and science users



Monitoring and maintaining good water quality is pivotal to fulfilling the UN Sustainable Development Goals and is enshrined in European policy through the

Water Framework Directive and the Marine Strategy Framework Directive.

6

stems.

GOOD HEALTH AND WELL-BEING

13

Weith M. har

14 LIFE BELOW WATER

15 ON LAND

Steve Groom - Coordinator sbg@pml.ac.uk Kim Hockley - Project Manager khock@pml.ac.uk Project Office

> Plymouth Marine Laboratory **Prospect Place** Plymouth PL1 3DH

Contact

+44 (0)1752 633100 comms.certo@pml.ac.uk www.certo-project.org Follow us on Twitter





GeoEcoMar





HYGEOS

BROCKMANN

CONSULT



ASSOCIAÇÃO PARA A INVESTIGAÇÃO E DESENVOLVIMENTO DE CIÊNCIAS

Consiglio Nazionale

delle Ricerche