Atlantic Regional Initiative Applications topic 3: Cities and Ports

NoR Project report

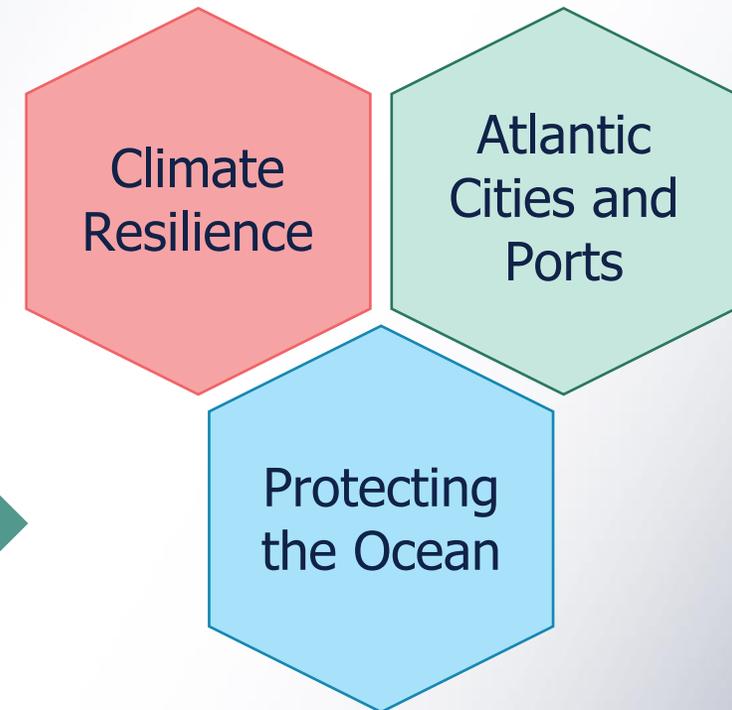20 December 2023

Objectives of the project

The main technical objectives of "Atlantic cities: Smart, Sustainable and Secure Ports and Protecting the Ocean (ARIA3)" are developing and delivering customised Earth Observation-based information services to local stakeholders in the Atlantic Region to support their decision-making processes.

Those services cover three sub-topics:

1. Climate Resilience
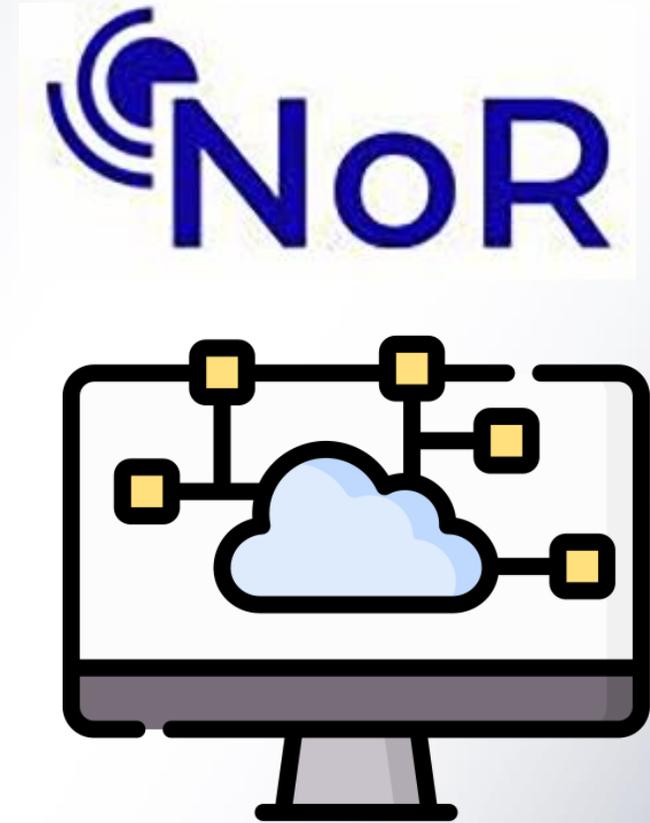2. Atlantic Cities and Ports
3. Protecting the Ocean

EO-based services to support stakeholders in the Atlantic Region

Climate Resilience

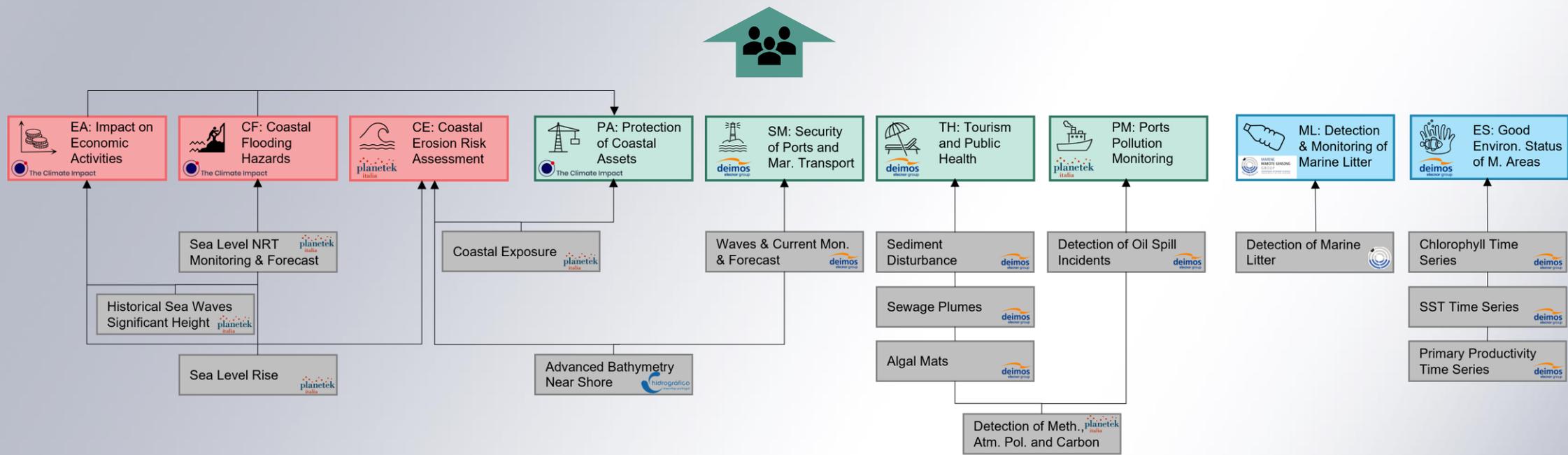Atlantic Cities and Ports

Protecting the Ocean

NoR ICT cloud infrastructure

NoR Sponsorship Requests consists of **15 VMs**, each with Solid State Disks and public fixed IPs.

- Cloudsigma as the main IaaS provider

- Initially for 12 months, later extended for another 7 months

- Additional tests performed for 3 months:
  - EDC Sentinel Hub – IDE: 1 Enterprise-S-monthly subscription
  - EOxHub – IDE: 2 EOXHub Standard subscription

NoR was used to run the service portfolio and 6 pilots (demonstration exercises)

Achievements and benefits to society

In summary, the outcomes of the project are:

- ❑ 8 workshops with different stakeholders
- ❑ 2 large high-level online workshop
- ❑ >40 individual meetings with stakeholders
- ❑ Development into a unique web platform
- ❑ Evaluation within 6 pilots during the period March 2022 – March 2023
- ❑ Living Planet Symposium in Bonn: 1 presentation, 3 posters, 1 workshop (Agora session)