

Copernicus Marine Service

COPERNICUS MARINE 8th GENERAL ASSEMBLY

CoCliCo 🥪

coastal climate core services

CoCliCo

Coastal Climate Core Service



Copernicus Marine Service

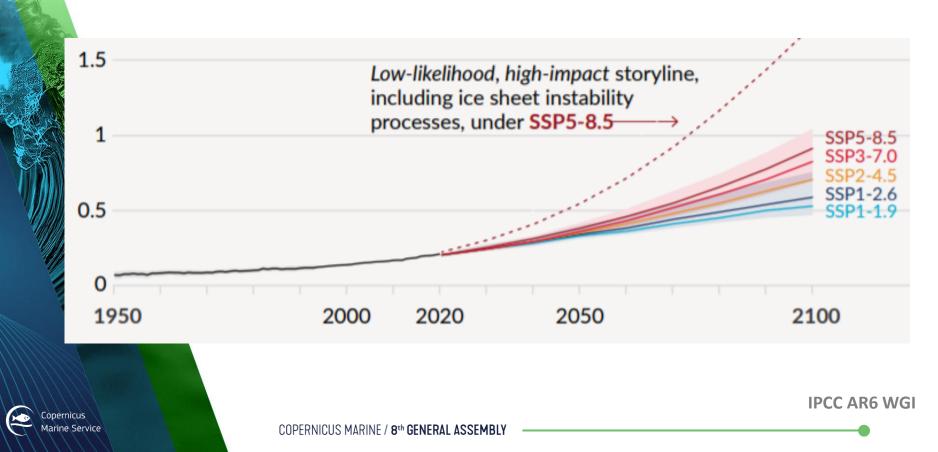
rvice

PROGRAMME OF THE EUROPEAN UNION



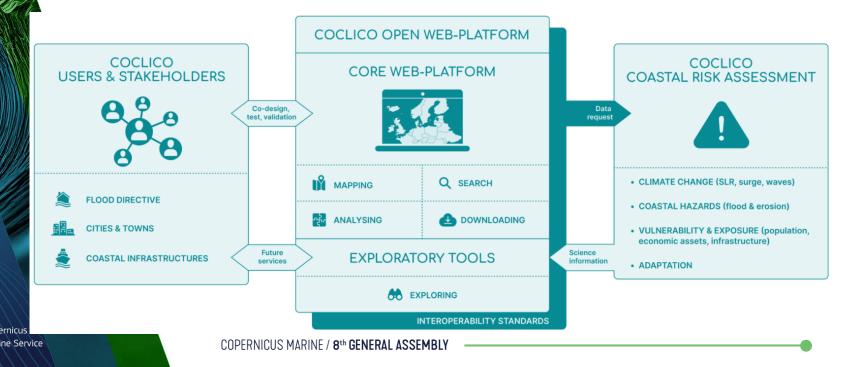


Sea-level rise risks about to emerge



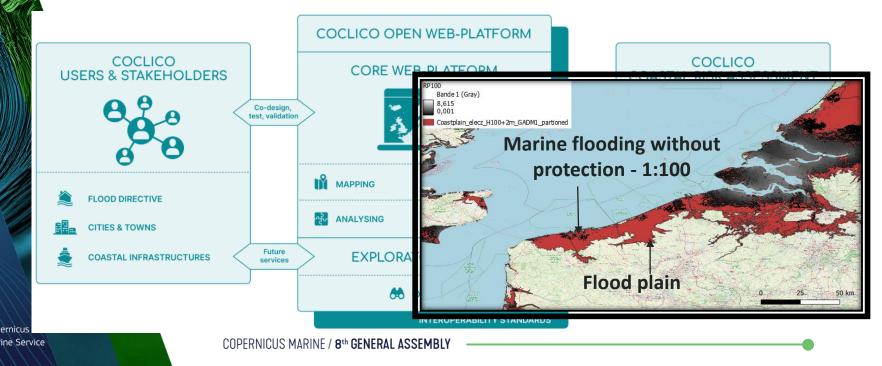
CoCliCo's Objectives and concept

Objective: improve decision-making on coastal risk management and adaptation, by establishing an integrated core service dedicated to coastal adaptation to sea-level rise. **Deliverable:** a web-platform informing users on present-day & future coastal risks.



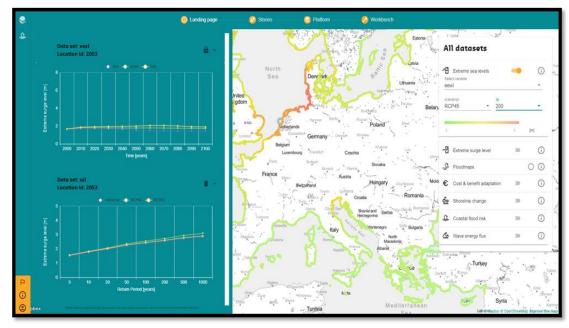
CoCliCo's Objectives and concept

Objective: improve decision-making on coastal risk management and adaptation, by establishing an integrated core service dedicated to coastal adaptation to sea-level rise. **Deliverable:** a web-platform informing users on present-day & future coastal risks.





Project's implementation: 2021 – 2025Exploitation with Mercator OceanLarge market potential for downstream coastal climate services on flood riskse.g., public policies, insurance – Cavelier et al. (2017)



pernicus Irine Service

Innovation: considering adaptation

 \odot

F 7

< 🛃

Zones exposées à l'élévation du niveau de la mer à marée haute

Q Chercher une commune ou une adre.

Trouville-sur

This may not be flooded when mean sea-level rise exceeds 1m This will depend on adaptation

> Zones exposées à la submersion marine

Contributeurs & contributrices OpenStreetMap



Copernicus Marine Service

NIVEAU DE

> 4.0 3.5

3.0

2.0

0.0

5 km

1 m



Nature based solutions and relocation?

Exploitation

Exploitation options being explored for CoCliCo

- Integration in the Copernicus Coastal Hub as a pre-service?
- European Digital Twin of the Ocean (EDITO)
- Other options are considered

Exploitation scenarios to be refined in 2024



Thank you for your attention

g.lecozannet@brgm.fr

