

ENHANCE OPERATIONAL SAFETY IN INSHORE OPERATIONS

OBJECTIVE

Enhance safety for ports and processing activities.

DESCRIPTION

A list of potential measures to be implemented includes:

- construction of dykes and embankments to protect infrastructures;
- establishment of port emergency procedures with dedicated and trained staff;
- actions focussed on increasing port resilience and protecting strategic components (e.g. changes in the design of the infrastructure and in the materials used);
- inland relocation of processing sites.

Adaptation approaches for seaports include infrastructure elevation to compensate for projected sea level rise, construction of storm defence systems and seaport relocation.

EXPECTED RESULTS

Protect seaports from flooding.

RESULT INDICATORS

Percentage of damage avoided [%]

INVOLVED ACTORS

Fishery and aquaculture agencies, port authorities and public bodies with competence on safety at sea (coastguards) and establishing regulations and standards, local communities, fish farms or port management operators.

EXPECTED TIMELINE FOR ACTION

- Short term (1-4 years)

BEST PRACTICES

- UK
- Friuli Venezia Giulia Autonomous Region – Italy
- Primorsko-Goranska County – Croatia
- Šibensko-Kninska County – Croatia
- Šibensko-Kninska County – Croatia
- Dubrovačko-Neretvanska County – Croatia

CRITICALITIES

The long-term time frame of climate change projections are hardly compatible with the shorter investment time frame of maritime business.

SCOPE OF THE ACTION

- Adaptation

TYPE OF PROPOSED ACTIONS

- Grey
- Soft

SECTOR OF ACTION

- Aquaculture / Fishing
- Transport and infrastructure

CLIMATE IMPACTS

- Coastal erosion
- Floods
- Other

IMPLEMENTATION SCALE

- Municipality
- Region / Country

SOURCE

<https://climate-adapt.eea.europa.eu/metadata/adaptation-options/enhancing-operational-safety-in-offshore-and-inshore-operations>