ESTABLISH EARLY WARNING SYSTEM IN OFFSHORE AND INSHORE OPERATIONS

OBJECTIVE

Enhance safety for navigation, fishing operations, ports, processing activities.

DESCRIPTION

Establishment of monitoring, modelling and forecasting systems and early warning systems that can inform operators in a timely manner of risks from adverse weather. This option includes the adoption of systems and strategies to enhance safety both for offshore activities (navigation, fishing operations) and for inshore operations (ports, processing activities), responding to challenges driven by climate change. Risk-based zoning and siting, considering present and future climate risks can also increase safety at sea, especially for the aquaculture sector.

EXPECTED RESULTS

Support safety in offshore and inshore operations.

RESULT INDICATORS

Percentage of transport for fishery allowed [%]

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.

EXPECTED TIMELINE FOR ACTION

- Short term (1-4 years)

BEST PRACTICES

- UK
- Primorsko-Goranska County - Croatia
- Šibensko-Kninska County - Coratia
- Dubrovačko-Neretvanska County – Croatia

CRITICALITIES

The long-term time frame for climate change projection is 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

- Agriculture / Forests / Land use
- Coastal management
- 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