

Offshore Project C-CORE

Project team

The project team was led by [C-Core](#).

Description

Challenges

The challenges facing the O&G off-shore industry during its exploration, development and operations are categorised by those of an environmental nature and those considered as met-ocean.

C-CORE Met-ocean challenges

- [C-CORE 1.1 Historic records for winds](#)
- [C-CORE 1.2 Historic records for waves](#)
- [C-CORE 1.3 Historic records for surface currents](#)
- [C-CORE 1.4 Historic records for currents at depth](#)
- [C-CORE 1.5 Wind observations](#)
- [C-CORE 1.6 Waves observations](#)
- [C-CORE 1.7 Surface current observations](#)
- [C-CORE 1.8 Current at depth observations](#)
- [C-CORE 1.9 Historical Tropical Storm/Tropical Cyclone probability and tracks](#)
- [C-CORE 1.10 Tropical Storm/Tropical Cyclone Observations](#)
- [C-CORE 1.11 Sea level](#)
- [C-CORE 1.12 Visibility](#)
- [C-CORE 1.13 Squalls](#)
- [C-CORE 1.14 Ice Accretion](#)
- [C-CORE 1.15 Sea Surface Temperatures](#)
- [C-CORE 1.16 Funnel Clouds and Waterspouts](#)
- [C-CORE 1.17 Convective Downbursts](#)
- [C-CORE 1.18 Lightning](#)
- [C-CORE 1.19 Hail](#)

C-CORE Environmental Challenges

- [C-CORE 2.1 Monitoring of landfall site recovery and coastal vegetation](#)
- [C-CORE 2.2 Submarine landslides and seabed stability](#)
- [C-CORE 2.3 Shipwrecks and other archaeological value areas](#)
- [C-CORE 2.4 Detection and monitoring of pollutant discharges](#)
- [C-CORE 2.5 Distribution and abundance of marine mammals](#)
- [C-CORE 2.6 Distribution and abundance of seabirds](#)
- [C-CORE 2.7 Information on presence and abundance of deep water fauna](#)
- [C-CORE 2.8 Scientific independence in environmental monitoring of pollution](#)
- [C-CORE 2.9 Security and safety](#)
- [C-CORE 2.10 Monitoring of chlorophyll-a, productivity and harmful algal blooms \(HAB\)](#)
- [C-CORE 2.11 Monitoring of waste management practices](#)
- [C-CORE 2.12 Information on the intertidal and shallow marine environment](#)
- [C-CORE 2.13 Coastal resource mapping of mangroves, coral reefs, wetlands, and sandbanks](#)
- [C-CORE 2.14 Coastal sediment dynamics, estuarine fronts, and land-ocean interactions.](#)
- [C-CORE 2.15 Coastal upwelling](#)
- [C-CORE 2.16 Fish and fish habitat](#)

- [C-CORE 2.17 Commercial shipping](#)
- [C-CORE 2.18 Natural and other existing oil seeps](#)
- [C-CORE 2.19 Commercial and recreational fisheries](#)

Meetings

[Participants to discussions](#)

Meeting	Date	Location	Agenda	Notes	Comments/Documents
Workshop	ko+10 months				
Review	ko+2 months				
Kick-off	7th March 2014	Frascati			

Documents

This is the area to show published documents for review or for use. Documents in preparation by the team should be kept on the project team page.

Document	Source	Date	Description
Deliverable D1	C-CORE	9th September 2014	Off-shore Geo-information requirements
Kick-off Presentation	C-CORE	7th March 2014	Outline of the project and planning