

# 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                            |
|---------------------------------------|--------|--------------------|----------------------------------------|
| <a href="#">Deliverable D1</a>        | C-CORE | 9th September 2014 | Off-shore Geo-information requirements |
| <a href="#">Kick-off Presentation</a> | C-CORE | 7th March 2014     | Outline of the project and planning    |