

Mediterranean Sea Checkpoint: a new EMODNET Portal



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Outline




- List of partners & subcontractors
- Background
- Goals
- Work Plan & Deliverables
- State of the art



Partners

N	Partner name	Partner organization Acronym	Partner extended organization name and country
1	(Coordinator) Nadia Pinardi	INGV	Istituto Nazionale di Geofisica e Vulcanologia, IT
2	Frederique Blanc	CLS	Collecte Localisation Satellites, FR
3	Gianna Fabi & Rosalia Santoleri	CNR	Consiglio Nazionale delle Ricerche, IT
4	Claudia Cesarini	CLU	CLU, IT
5	Sofia Reizopoulou & Nikos Skoulikidis	HCMR	The Hellenic Centre for Marine Research, GR
6	Gilbert Maudire	IFREMER	Institut Français de Recherche pour l'Exploitation de la Mer, FR
7	George Kallos	NKUA	National and Kapodistrian University of Athens, GR
8	Antonio Cruzado	OCEANS-CAT	OCEANS CATALONIA INTERNATIONAL SL, ES
9	Joaquin Tintore	SOCIB	Balearic Islands Coastal Observing and Forecasting System, ES
10	George Zodiatis	UCY	University of Cyprus, CY



Subcontractors

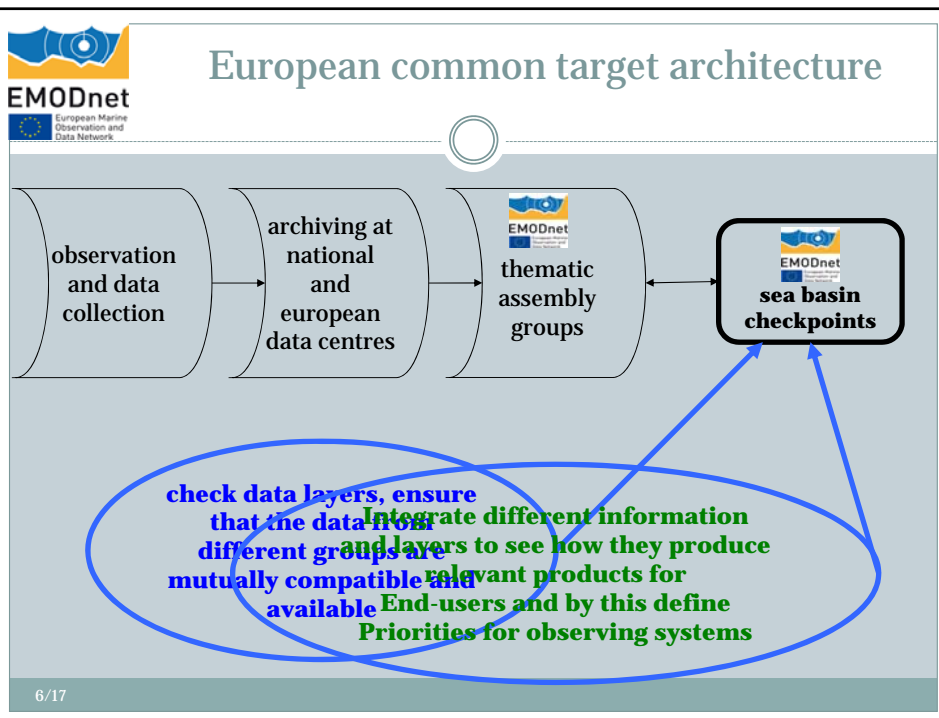
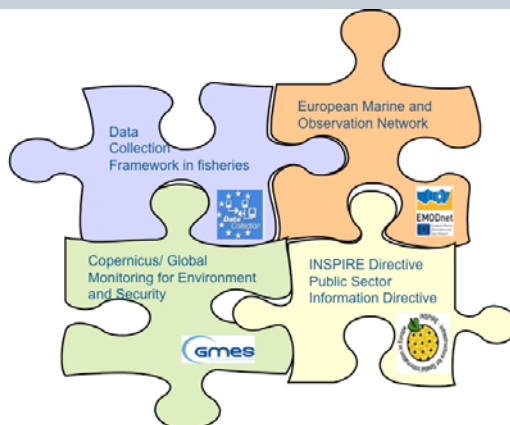
Nb	Subcontractor name	Subcontractor organization acronym	Subcontractor organization extended name and country
1	Giovanni Coppini	CMCC	Centro Euro-Mediterraneo sui Cambiamenti Climatici S.c.ar.l., IT
2	Giuseppe Manzella	Consultant	Agenzia per le Nuove Tecnologie, l'Energia e lo Sviluppo Economico Sostenibile, IT
3	Arnaud Vazeille	EDF-EN	EDF-EN, FR
4	Yann-Herve De Roeck	FEM	Association de Préfiguration de l'IEED France Energies Marines, FR
5	Raul Medina	IH Cantabria	Fundación Instituto de Hidráulica Ambiental de Cantabria, ES


Background

The project aims at setting up the EMODnet Med-Sea-checkpoint portal that will serve to quality assess, extract the synergies between and identify the gaps of, the present monitoring data sets for the entire Mediterranean Sea.

The data will be extracted from:

- existing EMODnet thematic portals
- Global Monitoring for Environment and Security Marine Service (GMES)
- JRC Data Collection Framework for Fisheries
- other initiatives existing at the national scale and European basin-wide scale






Mediterranean Sea basin Checkpoint main goals

Objectives are:

- 1) Carry out a **literature survey** on existing monitoring system
- 2) Produce an **assessment** of the accessibility, availability, multiple-use, efficiency, reliability, time consistency, space consistency, etc. of the monitoring system data for the challenges
- 3) Develop an **EMODnet Med-Sea-Checkpoint Portal** that will publish all outputs from the challenges. In particular it will:
 - assess, extract the synergies between, and identify the gaps of, the present monitoring data sets for the entire Mediterranean Sea
 - disseminate new products based upon the available data for SEVEN challenges



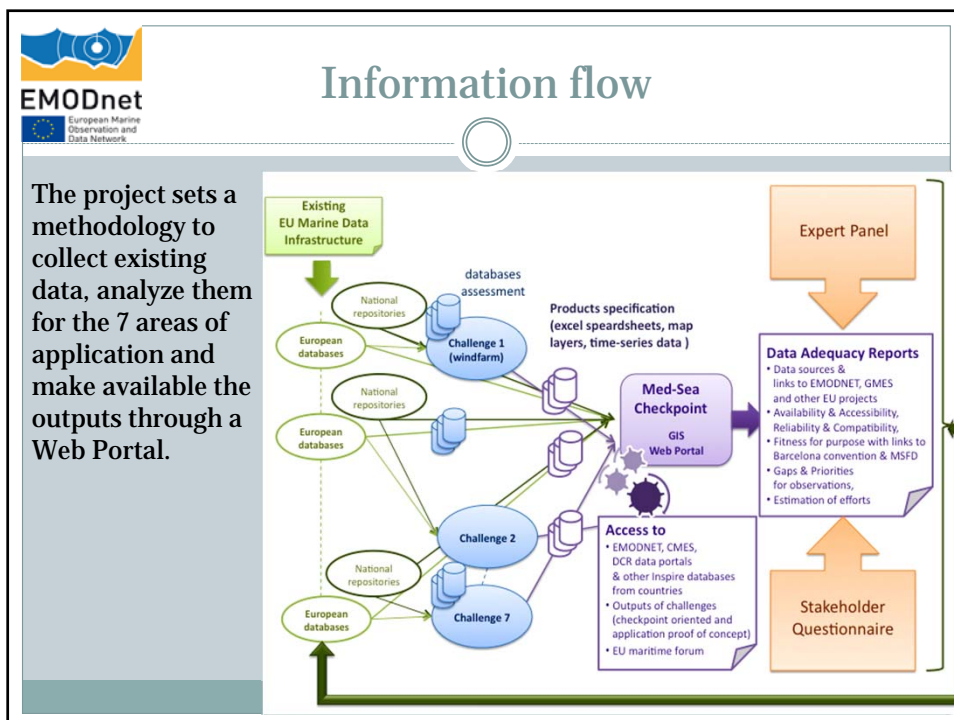
Mediterranean Sea basin Checkpoint Challenges


- SEVEN Tasks or Challenges are chosen to test how comprehensive and accurate the monitoring and forecasting data are at the Mediterranean scale:
 - Windfarm siting (Blue economy)
 - Marine Protected areas (MSFD, Natura 2000)
 - Oil Platforms leak (EMSA, EEA, IMO, IHO, MSFD)
 - Climate and Coastal protection (MSFD, EEA)
 - Fisheries management (FAO, General Fishery Commission for the Med Sea-GFCM)
 - Marine Environment (MSFD)
 - River inputs (loading) (WFD, MSFD)

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The project work plan


WP	WORKPACKAGE NAME	LEAD PARTNER	PARTICIPANTS	DURATION
1	Literature Review	IFREMER	SOCIB, CNR, HCMR, INGV	1-9
2	Challenge 1: Windfarm siting	NKUA	IFREMER	1-30
3	Challenge 2: Marine Protected Areas	HCMR	CNR, CLS	1-30
4	Challenge 3: Oil Platform leak	INGV	UCY, SOCIB	1-36
5	Challenge 4: Climate and Coastal Protection	SOCIB	CNR, CLS, INGV	1-30
6	Challenge 5: Fishery Management	CNR	IFREMER, HCMR	1-30
7	Challenge 6: Marine Environment	OCEANS-CAT	CMCC, CNR	1-30
8	Challenge 7: River inputs	HCMR	CNR	1-30
9	Web site development	CLS	IFREMER, SOCIB, CLU, INGV	1-36
10	Organization of Panels	INGV		1-36
11	Data adequacy reports	INGV	All WP1-9 partners	10-34
12	Project Management	INGV		0-36






Overall Project deliverables

- 1) a **literature survey** summarizing the previous studies on the adequacy of the data in the Mediterranean Sea
- 2) a **collection of relevant data** and catalog of data sources for **each challenge**
- 3) the **development of specific products** from available primary and assembled datasets in view of the specific questions for **each challenge**, providing confidence limits
- 4) **Panel reports** at month 18 and 36
- 5) **two Data Adequacy Reports (DAR)** at month 16 and 34
- 6) a fully implemented **Web Portal (EMODnet Med-Sea Checkpoint)** giving access to the other Portals and outputs from challenges
- 7) a report indicating how the EMODnet Med-Sea Checkpoint Portal could operate once the project has finished
- 8) progress reports every six months



Each Challenge deliverables

- 1) Excel spreadsheet for data produced as time series
- 2) For spatial variables: maps and digital data layers
- 3) Confidence limits
- 4) List of data sources and data providers (both at 'collection level' and 'intermediate')
- 5) Summary of effort (person days) spent on:
 - × Collecting data
 - × Processing data
 - × Performing the analysis
- 6) Summary of lessons learned from the analysis



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State of the art

- **Kick-off meeting held in Bologna from 16th to 18th October 2013**
 - Presentation of overall project and single WPs workplan with particular effort on WP1 “Literature survey” and WP9 “Portal development”
 - Discussion on the full workplan, Data Adequacy Report, deliverables and meetings schedule
 - Discussion on Consortium Agreement
- **Contract signed the 5th December 2013, amendment still required, CA between partners on its way**