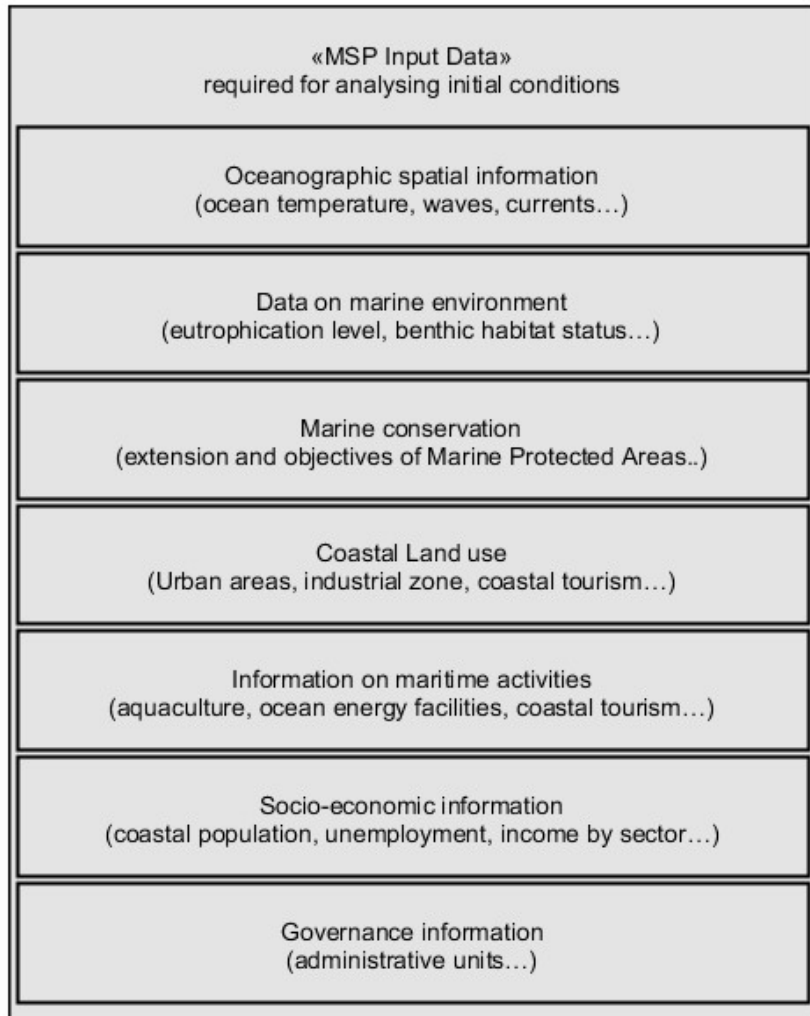# MSP Data Framework
TEG sub-grpoup

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1st MSP Data Framework iteration

«MSP Input Data» required for analysing initial conditions
Oceanographic spatial information (ocean temperature, waves, currents…)
Data on marine environment (eutrophication level, benthic habitat status…)
Marine conservation (extension and objectives of Marine Protected Areas..)
Coastal Land use (Urban areas, industrial zone, coastal tourism…)
Information on maritime activities (aquaculture, ocean energy facilities, coastal tourism…)
Socio-economic information (coastal population, unemployment, income by sector…)
Governance information (administrative units…)

«MSP Data Framework» Input data for MSP process and continuous evaluation and monitoring
Oceanographic characteristics and coastal climate (ocean temperature, waves, currents, rainfall, wind on the sea & land…)
Marine & coastal environment (eutrophication level, benthic habitat status…)
Marine conservation & Designated sites (MPAs, designeted sites…extension & objectives)
Coastal Land use, Land cover & Planning (Land activities, cover & planning)
Operative maritime uses and Planning (aquaculture, ocean energy facilities, coastal tourism, sectorial plans …)
Socio-economic information (coastal population, unemployment, income by sector…)
Governance information (administrative units…)

«MSP Data Framework»
Input data for MSP process and continuous evaluation and monitoring

Oceanographic characteristics and coastal climate
(ocean temperature, waves, currents, rainfall, wind on the sea & land…)

Marine & coastal environment
(eutrophication level, benthic habitat status…)

Marine conservation & Designated sites
(MPAs, designeted sites…extension & objectives)

Coastal Land use, Land cover & Planning
(Land activities, cover & planning)

Operative maritime uses and Planning
(aquaculture, ocean energy facilities, coastal tourism, sectorial plans …)

Socio-economic information
(coastal population, unemployment, income by sector…)

Governance information
(administrative units…)

MSP Data Framework v1.1

Marine & Coastal Environmental

«MSP Data Framework»
Input data for MSP process and continuous evaluation

Marine & coastal environment
(benthic habitat distribution, eutrophication level…)

MSFD GES - 11 Quality Descriptors & 39 crieteria
WFD GEcS - 4 Quality Elements
(Biological, Physico-chemical,Hydro-morphology)

Marine/Coastal conservation & Designated sites
(extension&type of M/PAs, maritime accident area, OECM...)

Natura 2000; CDDA (IUCN class);
INSPIRE model on Protected site - Designation code list
INSPIRE code lists Management, Restriction or Regulation Zone

Oceanographic characteristics, coastal climate and hydrography
(waves, currents, temperature, rainfall, wind, river basin network...)

BODC, SeaDataNet voc., Essential Ocean Variables;
INSPIRE Hydrography team classifications

MSP data framework v1.2

«MSP Data Framework»
Input data for MSP process and continuous evaluation

Marine & coastal environment
(benthic habitat distribution, eutrophication level…)

MSFD GES - 11 Quality Descriptors & 39 crieteria
WFD GEcS - 4 Quality Elements
(Biological, Physico-chemical,Hydro-morphology)

Marine/Coastal conservation & Designated sites
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Oceanographic characteristics, coastal climate and hydrography
(waves, currents, temperature, rainfall, wind, river basin network...)

BODC, SeaDataNet voc., Essential Ocean Variables;
INSPIRE Hydrography team classifications

Coastal Land use, Land cover & Planning
(Land use as "urban areas", cover & land planning)

Hierarchical INSPIRE Land Use classsfication
(HILUCS Extended register, CORINE)

Operative maritime uses and Maritime Planning
(aquaculture, ocean energy facilities, coastal tourism, sectorial plans …)

Hierarchical INSPIRE Land Use classsfication extended fro MSP
(HILUCS Extended register)

Socio-economic information
(coastal population, unemployment, income by sector…)

INSPIRE statistical units theme

Governance information
(competences, international convention, suplementary regulation…)

INSPIRE theme administrative units, Maritime Units

MSP data framework - TEG on MSP data survey

MSP input data collection process needs to be structured to gather data efficiently, avoid unnecessary or useless collected datasets and make spatial information manageable. TEG is developing the MSP (input) data framework, (initiated within the PLASMAR project - INTERREG Macaronesia 2017-2020), required for the development of MSP and future monitoring processes.

Please support the development of the MSP data framework and fill survey providing information on the data collection used for the MSP process (national or within the R&D project) that you been participating. With your input, we can iterate, adjust and finalize the framework.

Currently, MSP data framework has 7 clusters:
1. Marine & Coastal Environmental data;
2. Marine/coastal conservation & Designated sites;
3. Oceanographic parameters and Coastal hydrography;
4. Coastal Land use, Land cover & Coastal Planning;
5. Maritime activities and Planning;
6. Socio-economic data & information;
7. Governance information

Please note that recollected data will be used only for this study and will be managed only by TEG subgroup on MSP data framework. The results of this survey will be published only with your specific permission.

Data collection is related to *

◯ MSP R&D project

◯ National MSP process

Can you tell us the name of the MSP project or MSP national process where data collection was applied? Please include web link(s) if available.

Long-answer text

Did you include Marine & Coastal Environmental data, and if yes, can you please include what type of data did you collect (you can include categories, but please be specific as possible - e.g. benthic habitats distribution, marine birds observations, sensitive areas for marine mammals…).

Long-answer text