SEANSE
WP2 – Knowledge Transfer and Information Exchange

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BSH

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Conference of Peripheral Maritime Regions

BUNDIESAMT FÜR SEESCHIFFFAHRT UND HYDROGRAPHIE

The Scottish Government
Context

Focus on cross-border data exchanges to support MSs cooperation (MSP Directive, article 11)
  • to ensure that maritime spatial plans are coherent and coordinated across the marine region,
  • to ensure issues of a transnational nature are taken into account.

Based on principles
  • MSDI (spatial data portals) are tools to support cross-border data exchanges
  • INSPIRE Directive provides standards and protocols to exchange data and metadata across Europe

Results
  • improve the MSP data exchanges between countries (existing and future data portals)
WP2 in SEANSE Project

Task Group on Data

guidance

WP2 - Knowledge Transfer and Information Exchange

needs

support

Communication / Dissemination

Case studies
Outputs

Deliverables

- D1: Analysis of data needs and existing gaps – 09/2018
- D2: Final Task Group on Data Workshop – 12/2019
- D3: Data management Guidance Document – 12/2019

Other outputs

- Data Portal Demonstrator
- Initial activity to address data needs and gaps
Timeline

Analysis of needs and gaps

Initial activity to address needs and gaps

02/18 07/18 09/18 12/19 01/20

D1 Action Plan

D2 D3

Population of Data portal Demonstrator

05/07/2018
Yuji KATO / Shom
Analysis of Data Needs and Existing Gaps

Objectives

- provide the current state of data availability and interoperability
- identify the main challenges and opportunities associated to data and information in the North Sea and Channel

Composition

- A data needs assessment for MSP and the identification of the extent where these can be currently met and where gaps need to be addressed;
- An inventory of best available data to support MSP processes in the North Sea and Channel.
- The identification of the barriers such as a lack of data, or data that might not be publicly available or shared

An experimentation tool: the Data Portal Demonstrator
Initial activity to address data needs and gaps

• Action plan defined with each partner to improve data availability and interoperability, on the basis of the analysis of data needs and gaps

• Actions will be led on year 2 of Seanse Project

• Examples of actions:
  – Production of metadata
  – Symbology harmonisation
SEANSE Data Portal Demonstrator

- A tool to assess data interoperability in a transboundary context

- A technical environment to explore data gaps and potential solutions
SEANSE Data Portal Demonstrator

Concepts

- Replication
- Interoperability lab
- Best available data

Technical Answers

- Open-source components
- OGC INSPIRE Standards
- Up-to-date data

Best available data → Interoperability lab → Replication → Open-source components → OGC INSPIRE Standards → Up-to-date data
SEANSE Data Portal Demonstrator

Main functionalities

• Feature Information
• Map Catalogue
• Time Series
• Drawing tools
• Web Processing Service
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SEANSE Data Portal Demonstrator
Thank you!!