



Your gateway to marine data in Europe

Checkpoint Methods

Thoughts from the North Sea...

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Checkpoint Concept

- Anecdotally, the Checkpoint concept is seen as the **strongest** for stress-testing available data – “I wish we had this in the US”
- **Creative tension** between policy makers and scientists!
- CMEMS discussion agenda includes “insights from stress tests on Copernicus and EMODnet” and “take-up by business (exchange of experience)”

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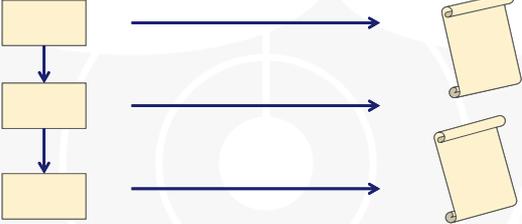


North Sea Checkpoint Method

1. Agree precise evaluation framework

2. Attempt the challenge (commercial style)





3. Record the results (mid and post process)

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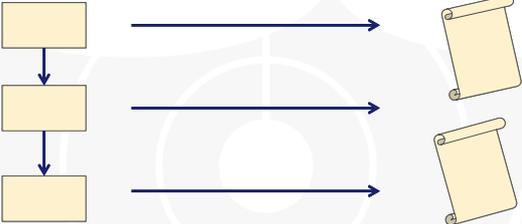
Harmonising Methods

Simple and suitable for all checkpoints

1. Agree precise evaluation framework

2. Attempt the challenge (commercial style) Stay focused





3. Record the results (mid and post process)

Against the evaluation framework

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Harmonising Methods

'Community' standard for evaluating datasets

- ◉ Contribution – Were the parameters offered by the dataset useful for solving the challenge?
- ◉ Location – Were the temporal and spatial locations relevant?
- ◉ Commercial – Do the prices and licences enable solving the challenge?
- ◉ Attributes – Is the accuracy, precision and resolution sufficient?
- ◉ Delivery – Can the data be supplied in time?
- ◉ Usability – Is the format usable and the supporting metadata sufficient?

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Harmonising Methods

'Data Advisor' Prototype

Data advisor for North Sea Checkpoint

Usage

All

Considered

Suitable

[Clear query](#)

[Go...](#)

Challenges

- Climate and Coastal Protection
- Marine Protected Areas
- Oil Platform Leaks
- Literature Review
- River Inputs**
- Windfarm Siting
- Fisheries Management
- Marine Environment

Inspire Themes

- 1.1 Coordinate reference systems
- 1.2 Geographical grid systems
- 1.3 Geographical names
- 1.4 Administrative units
- 1.5 Addresses
- 1.6 Cadastral parcels
- 1.7 Transport networks
- 1.8 Hydrography**
- 1.9 Protected sites

Dataset Search Results

NS608 - NS608-EEA-EIONET_Annual-RiverineInputs-and-OSPARDirectDischarges	view data source
NS609 - NS609-Radach-and-Patsch-Hamburga-Uni-Continental-river-inputs	view data source

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Difficulties

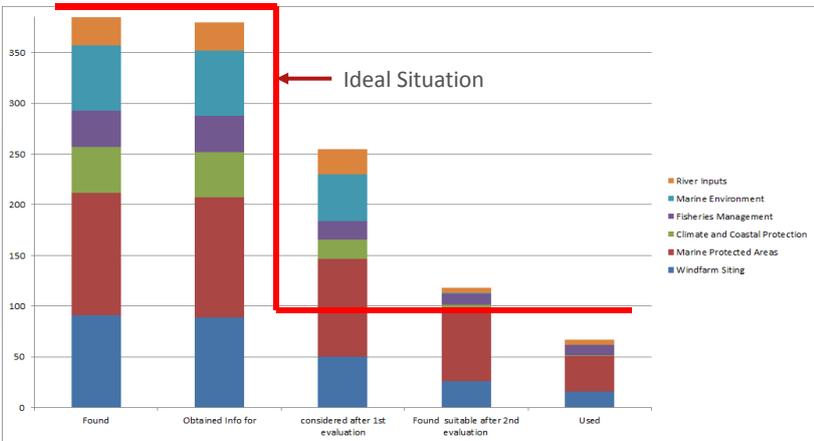
- ◉ It is **difficult to identify datasets uniquely** (use of doi / citations, recommended by Breakout Session from EMODnet conference, to bring visibility and trust).
- ◉ **Patchy performance** of data (e.g. spatially good in some areas, poor in others).
- ◉ **Categorising** data – the world just doesn't fit into my set of categories! Categorised by **challenge**.

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Difficulties

“...considerable potential for aiding the Blue Economy lies with the **presentation of the available data** to the user communities” (NSCP Final Report)



Category	Found	Obtained info for	considered after 1st evaluation	Found suitable after 2nd evaluation	Used
River Inputs	~15	~15	~10	~5	~5
Marine Environment	~100	~90	~50	~30	~20
Fisheries Management	~40	~35	~20	~10	~10
Climate and Coastal Protection	~45	~45	~25	~15	~10
Marine Protected Areas	~120	~120	~100	~60	~40
Windfarm Siting	~10	~10	~10	~5	~5

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Maximum Use of Results

- Already made a lot of progress, stakeholder conference;
- Publish in a peer reviewed journal;
- Lots of quotable content;
- Do we have a 1-page or 3-page summary?

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