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European Marine  
Observation and  
Data Network

MedSea Checkpoint


JRC- July 1-2 2015

## Updates from the Mediterranean Checkpoint

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<http://www.emodnet-mediterranean.eu/>

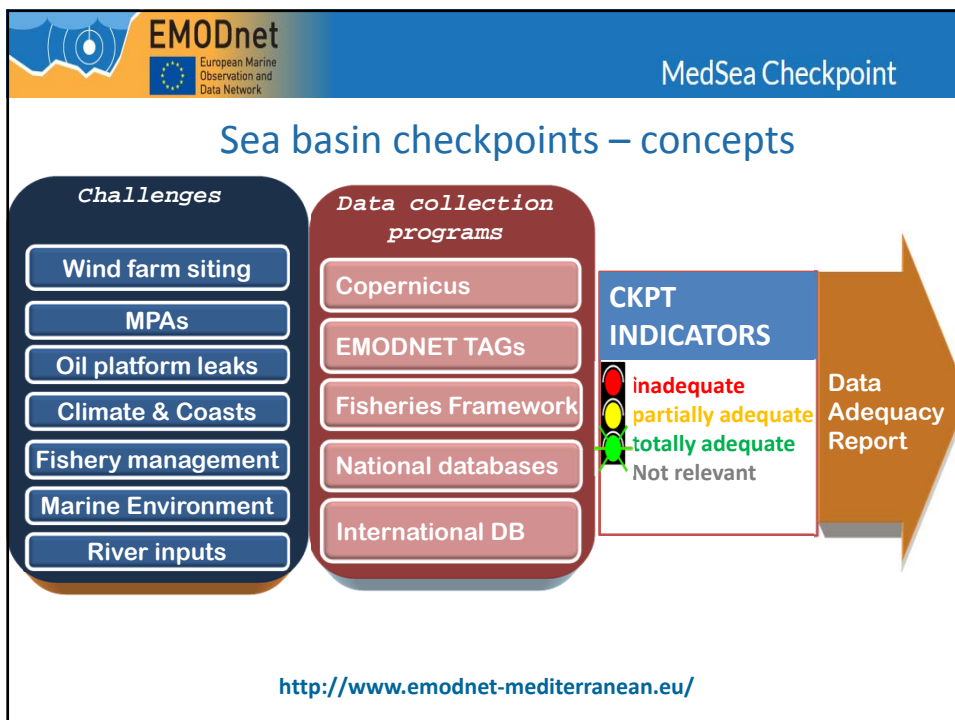
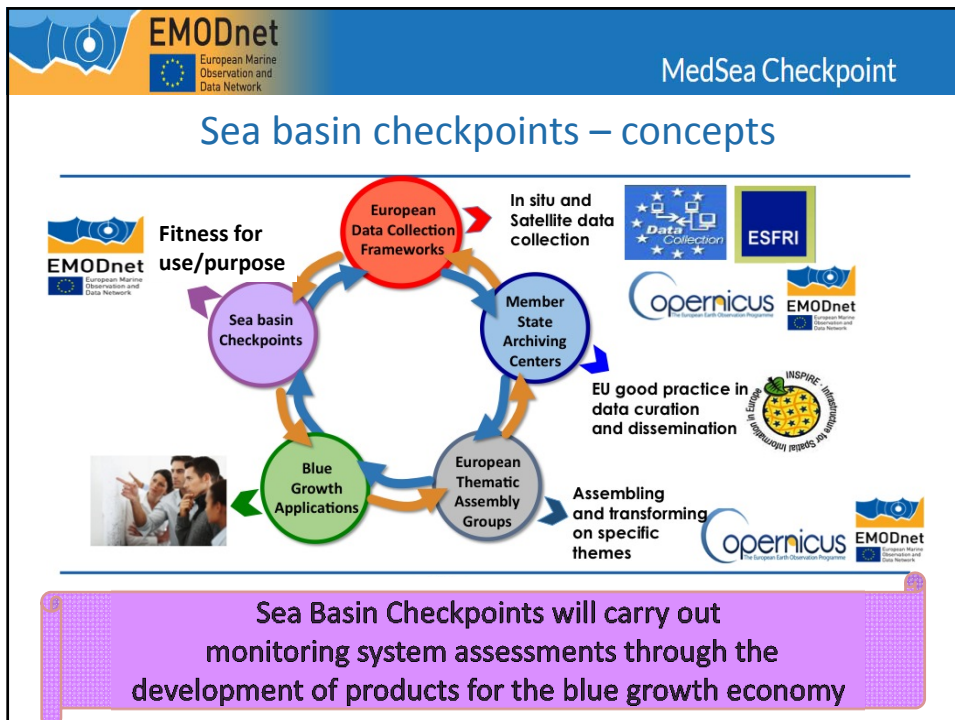
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## Outline

- ✓ Checkpoint concepts and general aims
- ✓ Monitoring assessment concepts
- ✓ Checkpoint Target audience
- ✓ The present state: First DAR and Checkpoint Service
- ✓ Next months work

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## Who is the CheckPoint target audience?

Checkpoint activity/Audience	Institutional /policy makers	Upstream providers	Intermediate users	End Users	General audience
General project information					Main driver
CheckPoint indicators for monitoring gaps	Main driver				
Checkpoint indicators for input datasets		Main driver			
GIS catalogue with links to upstream data			Main driver		
GIS catalogue with targeted products				Main driver	

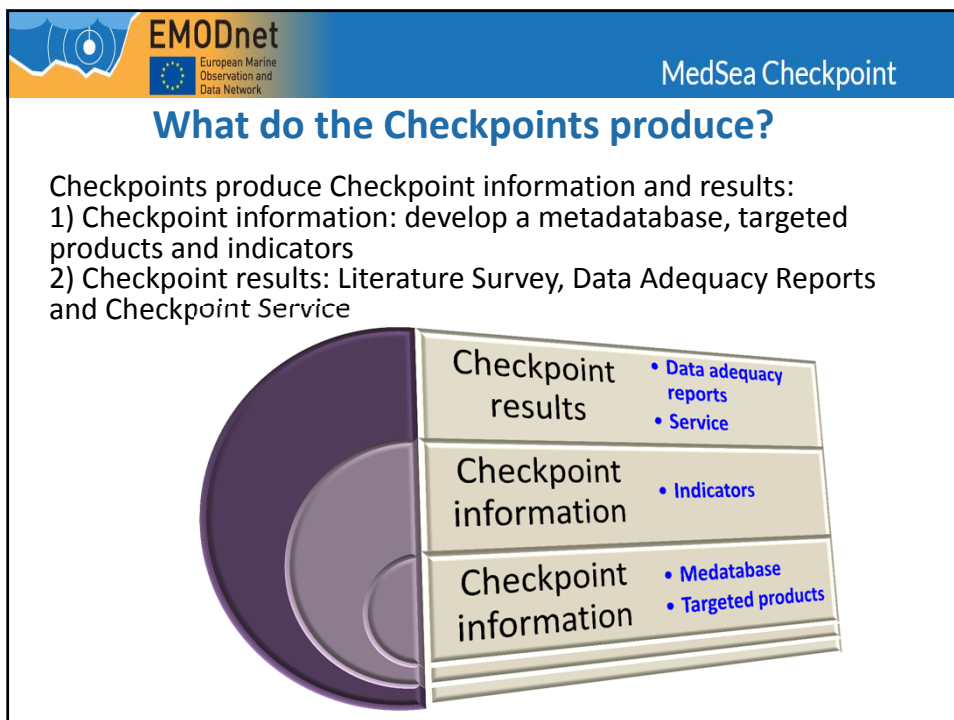
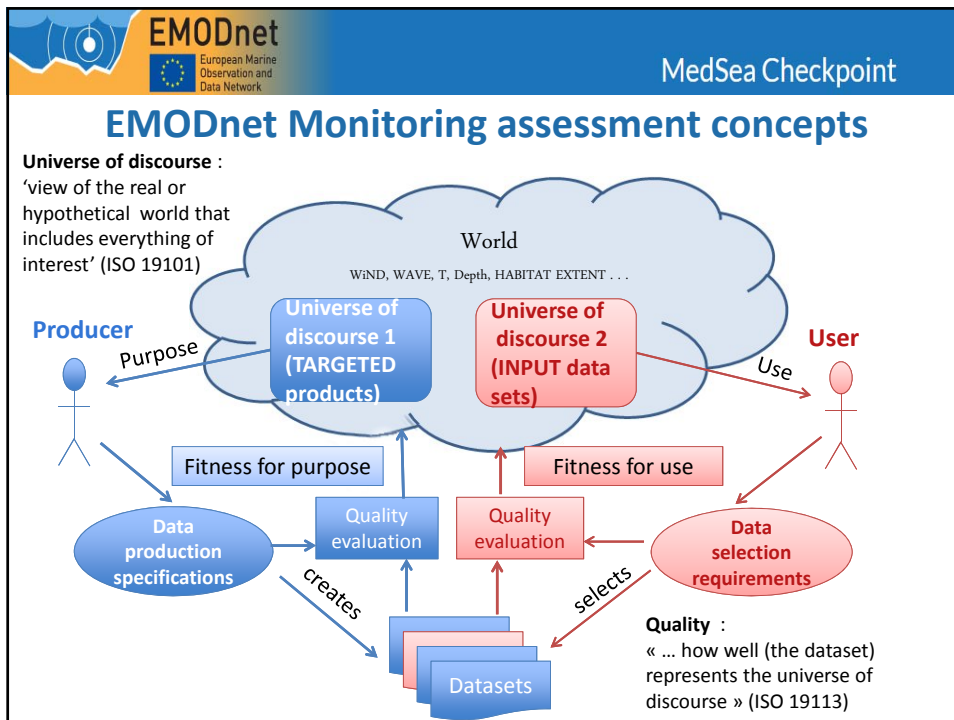
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## EMODnet Monitoring assessment concepts

- ✓ Use Inspire principles (2007):
  - ✓ Network services are necessary for sharing spatial data between the various levels of public authority in the Community. Those network services should make it possible to **discover, transform, view and download** spatial data and to invoke spatial data and e-commerce services.
  - ✓ **CHECKPOINT will develop a service to facilitate access to upstream monitoring data and targeted products**
- ✓ Use concepts from EEA Core set of indicators (2005):
  - ✓ The purpose of indicators should be: prioritize improvements in the quality and coverage of data flows, which will enhance comparability and certainty of information and assessments; provide a manageable and stable basis for indicator-based assessments of progress against environmental policy priorities.
  - ✓ **CHECKPOINT will develop indicators to assess the quality of the monitoring systems at the sea basin level**

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The primary aims of CheckPoints are to:

- ✓ document existing monitoring systems for the development of Challenge products;
- ✓ develop *fitness-for-use* and *fitness-for-purpose* indicators to objectively assess the *appropriateness* and *availability* of the existing monitoring system at the sea basin level;
- ✓ identify gaps and prioritize the needs in order to optimize the system throughout the value chain (i.e. data collection, in situ and satellite data assembling, data management and networking, modelling and forecasting, geo-infrastructure) and release recommendations for future developments to better meet the application requirements.

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## Data Adequacy Report: results

### What are Checkpoint indicators?

Two basic assessment Criteria or 'Territories'

APPROPRIATENESS AVAILABILITY

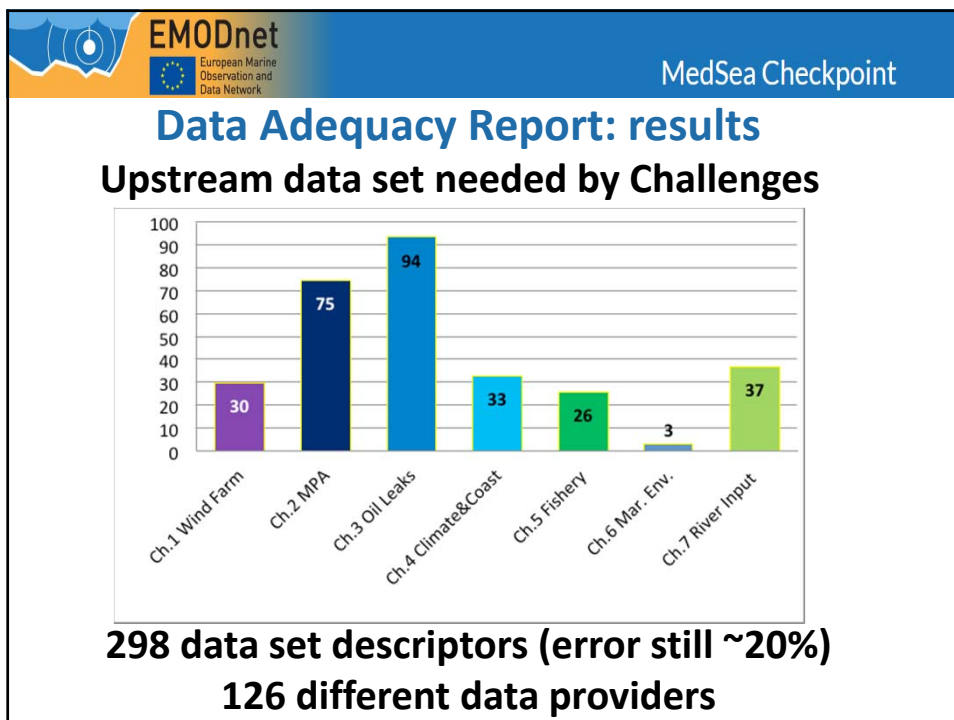
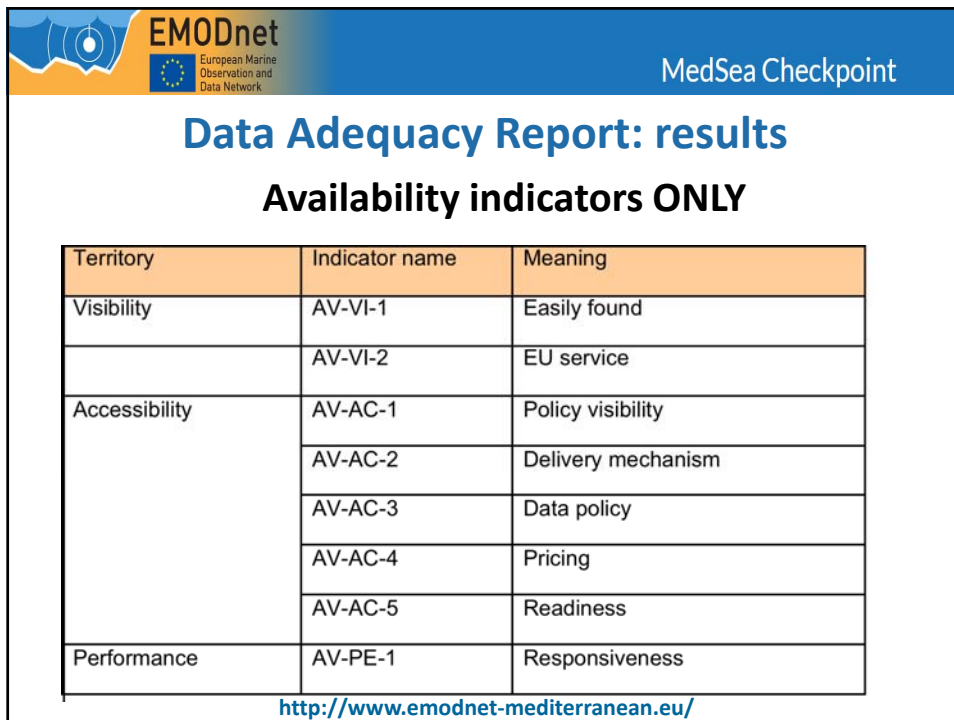
Fitness for use - or - Adequacy


CKPT INDICATORS

inadequate  
partly adequate  
totally adequate

Scale to be adopted

METADATA AND ANALYSIS TOOLS








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## Data Adequacy Report: results

### For all 298 data sets and all challenges

Indicator	Meaning	Value
AV-AC-2	Delivery mechanism	 Partial Inspire function
AV-AC-3	Data policy	 Partially restricted
AV-AC-4	Pricing	 Free
AV-PE-1	Responsiveness	 High

**For EMODnet and Copernicus availability indicators are all green**









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## Data Adequacy Report: results

### For Challenge 3 (Oil Platform Leaks): all availability indicators


AV-VI-1	Easily found	 High visibility
AV-VI-2	EU Inspire catalogue service	 Totally adequate
AV-AC-1	Policy visibility	 Medium transparency
AV-AC-2	Delivery mechanism	 Partial Inspire function
AV-AC-3	Data policy	 Partially restricted
AV-AC-4	Pricing	 Free
AV-AC-5	Readiness	 Ready to be consumed
AV-PE-1	Responsiveness	 High response

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## Project Management

- ✓ Project started Dec. 3, 2013 and will end on Dec. 4 2016
- ✓ First 18 months: Literature Survey, 1<sup>st</sup> DAR, Panel meeting and Report concluded
- ✓ Major Portal update in February 2015: CheckPoint Service started
- ✓ Meetings: Annual meeting in November 2014
- ✓ Validation/Calibration of the metadatabase from November '14 to February '15 via organized Webexes
- ✓ European Maritime Days participation

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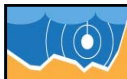
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## Outlook

- ✓ First DAR developed: the “best practice” for monitoring assessment has started. An Objective methodology has been shown to be possible
- ✓ Next six months:
  - Production of Targeted products for all the remaining Challenges
  - Develop new sections of the Checkpoint service to include the Targeted product catalogue and downloading
  - Develop Indicators for appropriateness

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## What are the Challenge targeted products?

