



SeaDataNet

A pan-European Infrastructure for
Ocean and Marine Data
Management

**Services to give Scientific Access to
metadata, data, aggregated data sets
and data products (WP7)**

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SeaDataNet 2 Kick-Off Meeting
Athens, 19-20 October 2011

SeaDataNet infrastructure comprises a series of middleware services, **to be extended** with SeaDataNet II:

- **Discovery** services = Metadata directories and User interfaces
- **Vocabulary** services = Common vocabularies and Governance
- **Security** services = Authentication, Authorization & Accounting
- **Delivery** services = Requesting and Downloading of data sets
- **Product viewing** services = Viewing of generic and standard products in maps
- **Monitoring** services = Statistics on system usage and performance and Registration of data requests and transactions
- **Maintenance** services = Entry and updating of metadata by data centres

These services are developed, provided and maintained by:

- the SeaDataNet **network of NODC's**;
- major marine data centres;
- satellite data centres;
- specialist service centres.

WP7 activities:

Regularly review the services provided by the SeaDataNet infrastructure, its portal and distributed data centres.

...this with 2 main instruments:

❖ **Annual Metrics Analysis Report.**

❖ A dedicated **User Panel** will be organized by the Scientific Access Services Coordinator OGS and ENEA;

WP7 is a formal activity and no man/month are allocated...

SeaDataNet infrastructure already has Monitoring services
==> *Statistics on system usage and performance and
Registration of data requests and transactions*

Besides, a set of **performance indicators** to be used to review the SeaDataNet services will be defined in the Monitoring plan (WP2, HCMR) :

- ease of use** of the discovery service;
- the **granularity** of the vocabulary terms;
- the delivery service, the maintenance service

...and all partners will have to report common statistics and logs

These elements will be included in the **Annual Metrics Analysis Report**

User Panel

- The User Panel will have access to the **Annual Metrics Analysis Report**, that is produced by OGS as part of the monitoring activities in WP2;
- The User Panel will **focus on the quality and the ease-of-use of the services** provided by SeaDataNet infrastructure;
- This will lead to **recommendations** which will be reported by the SASC to the Steering Committee for discussion and evaluation.

User Panel

Issues to be defined are:

- types of participants
- way of interacting (by email? meeting? video conference? questionnaire?...)
- focal points to provide to the user panel as indicators

User Panel suggested participants with a homogenous geographical distribution:

- **from SDN community** (no data providers but users):

- North Seas Regions:...
- Med Sea Regions:INGV;
- Black Sea Regions:.....

-from **the scientific community** (outside SDN): EEA, National Environmental Agencies, Reg. Conventions (MED-POL, Helcom, Osparcom ?)

-from **industry** or **private company** :ENI;

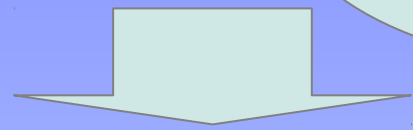
-from **education** (University/School) :CONISMA, Brest University?;

Focal points suggested as indicators:

- statistics of the indicators defined in the Monitoring Plan (WP2) for monitoring the use of the infrastructure and its performance
- user friendliness/ease of use as tested by other users (??)
- a set of “**USE CASES**” to be proposed to **specific components** of the **user panel** (in collaboration with WP6) to test how the infrastructure satisfies these users:
 - **marine environment assessment → EEA;**
 - **data for assessment of climate change / reanalysis of operational systems → INGV;**
 - **Education → Universities, CONISMA;**

WP7

Identify User Panel



Geographically representative:



North Sea
Reg



Med Sea
Reg



Black Sea
Reg



From:



SDN



Outside
SDN

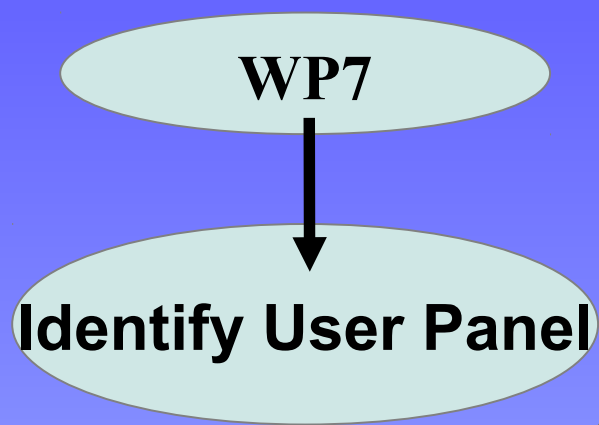


industry

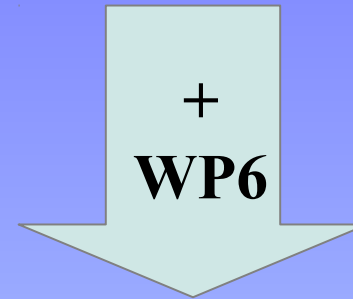


education





Statistics from WP2



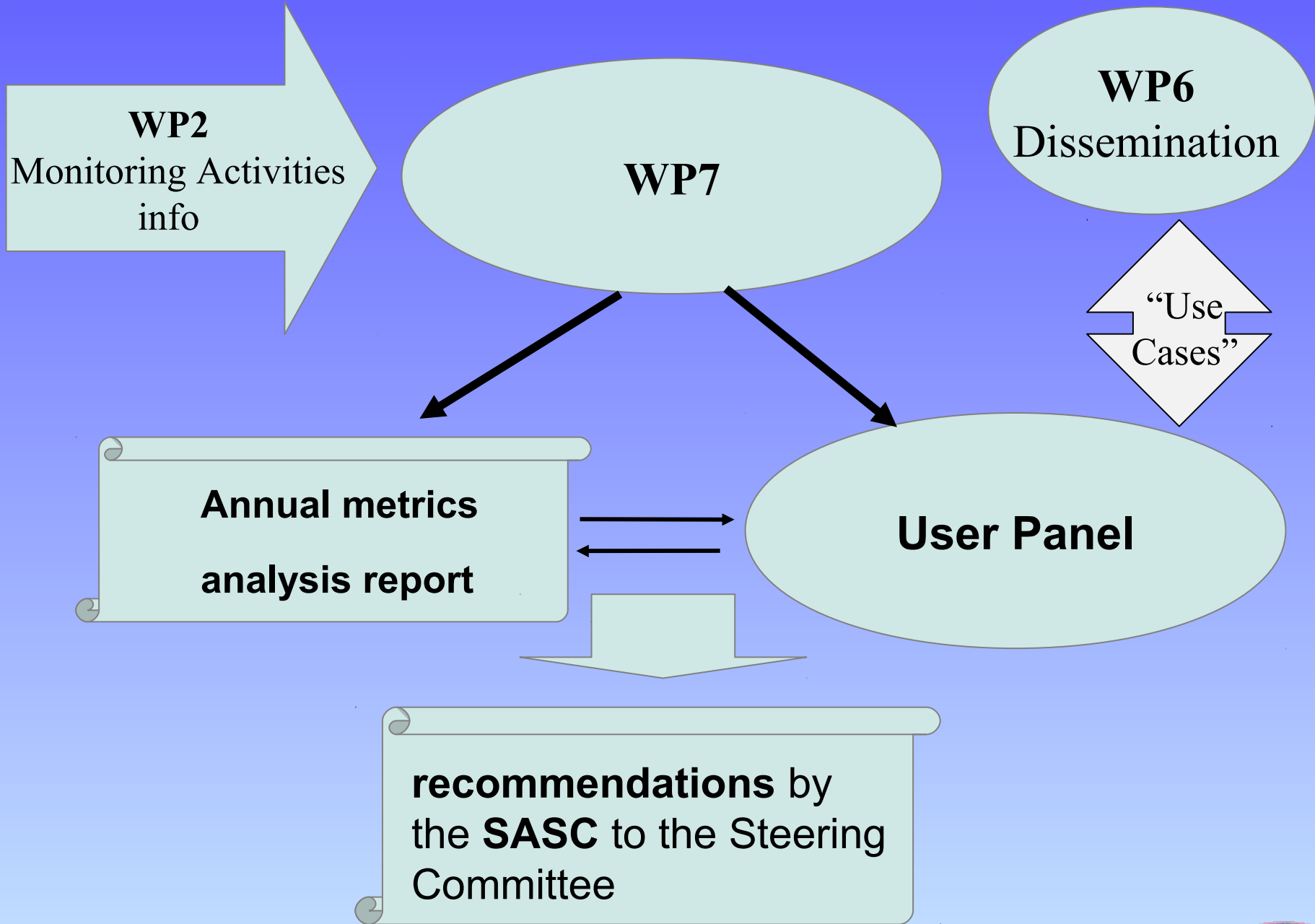
indicators as “USE
CASES”:

Environmental
assessment

Climate
Change

User friendliness/ease
of use tested by other
users

Education



Thanks!...questions/suggestions?!

