BALANCE WP1

Data management, intercalibration and collation

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WHY ?

- A platform for communicating data and metadata, (www portal) between BALANCE partners and end users
- Provide BALANCE with compatible and harmonised data according to agreed standards and formats
- Develop protocols and standards
- Data collection for habitat models

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HOW ?

- 12 partners, 7 nations
- Workgroups for harmonisation of data; Biology, Geology, Oceanography, Socio/Economic
- Workgroups on standards and protocols
- SGU, Sweden will host the BALANCE portal
- Data collection for the habitat models will be carried out in 4 pilot areas

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WHEN ?

- MS1 Prototype GIS portal, Determination of required data (WP2-4), Data formats, Data inter-calibration, Identification of case study areas
- MS2 Publication of data through portal, Document on standards and protocols, Survey results, Data delivery -> Marine landscapes

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WHEN ? continued ….

- MS 3 Evaluation of GIS portal functionality, Marine landscape published through portal, Report on intercalibration and statistical processing of field data, Data delivery - > WP2 (Habitat maps and models)
- MS 4 BALANCE metadata available and downloadable, Updated standards and protocols document, Report on Marine landscapes, Draft report on WP1 activities
- MS 5 *Final report!*

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WHO ? ……

- Coordinating partner: P16,Geological Survey of Sweden
- Partners: 1,2,3,4,7,8,9,11,12,15,16,20
- Countries: Denmark, Latvia, Estonia, Lithuania, Finland, Sweden, Norway

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…. Is going to do the job ?

- P16 (SGU, Sweden) €260000
- P2 (GEUS, Denmark) €178000
- P3 (NERI, Denmark) €167000
- P11,P15 (SYKE, Finland, SNBF Sweden) €70000
- P4 (DIFRES, Denmark) €60000
- P12 (GSF, Finland) €47500
- P9 (CORPI, Lithuania) €44500
- P8 (EMI, Estonia) €43000
- P1 (SNS, Denmark) €25000
- P20 (NGU, Norway) €21900
- P7 (IAE, Latvia) €20000

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SGU is going to use the ESRI Portal toolkit for the ”BALANCE portal”. The toolkit is designed to facilitate communication and sharing of geographic data and resources.

Examples of portals.
Geodata.gov
Geonorge.no
Mareano.no
Arealis.no

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- **The ”BALANCE portal”.will have the following functions:**

- **Search Page**
- **View Metadata**
- You can use the metadata detail and the full metadata view to browse through information to locate what you are looking for.
- **Map Viewer**
- Map data can be viewed in the Map Viewer or with GIS software to display multiple data sources from the ”BALANCE portal” along with data from local sources
- **Publish Data:**
- You can provide geographic data by publishing map services and images

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- **Metadata**

- Metadata will follow the ESRI implementation of the **ISO 19115** metadata standard

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- **You can publish metadata in any of the following ways:**

- 1. Metadata Harvesting: an automated scheduled process of collecting new and updated metadata from your metadata repository.
- ArcIMS metadata service
- Web Accessible Folder (WAF)
- Open Archive Initiative (OAI) metadata service.

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- **You can publish metadata in any of the following ways:**

- 2. Online Metadata Creation Form: Complete an online metadata creation form for your web service or geographic content, and the ”BALANCE portal” will automatically create the metadata and publish it for you.

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- **You can publish metadata in any of the following ways:**

- 3. Online Upload Metadata File Utility: You may create metadata for your web service or geographic content using your favorite third-party metadata tools. The online upload utility allows you to publish your metadata (in ISO metadata standard) files in text, Extensible Markup Language (XML), or Standard Generalized Markup Language (SGML) format to the ”BALANCE portal”.

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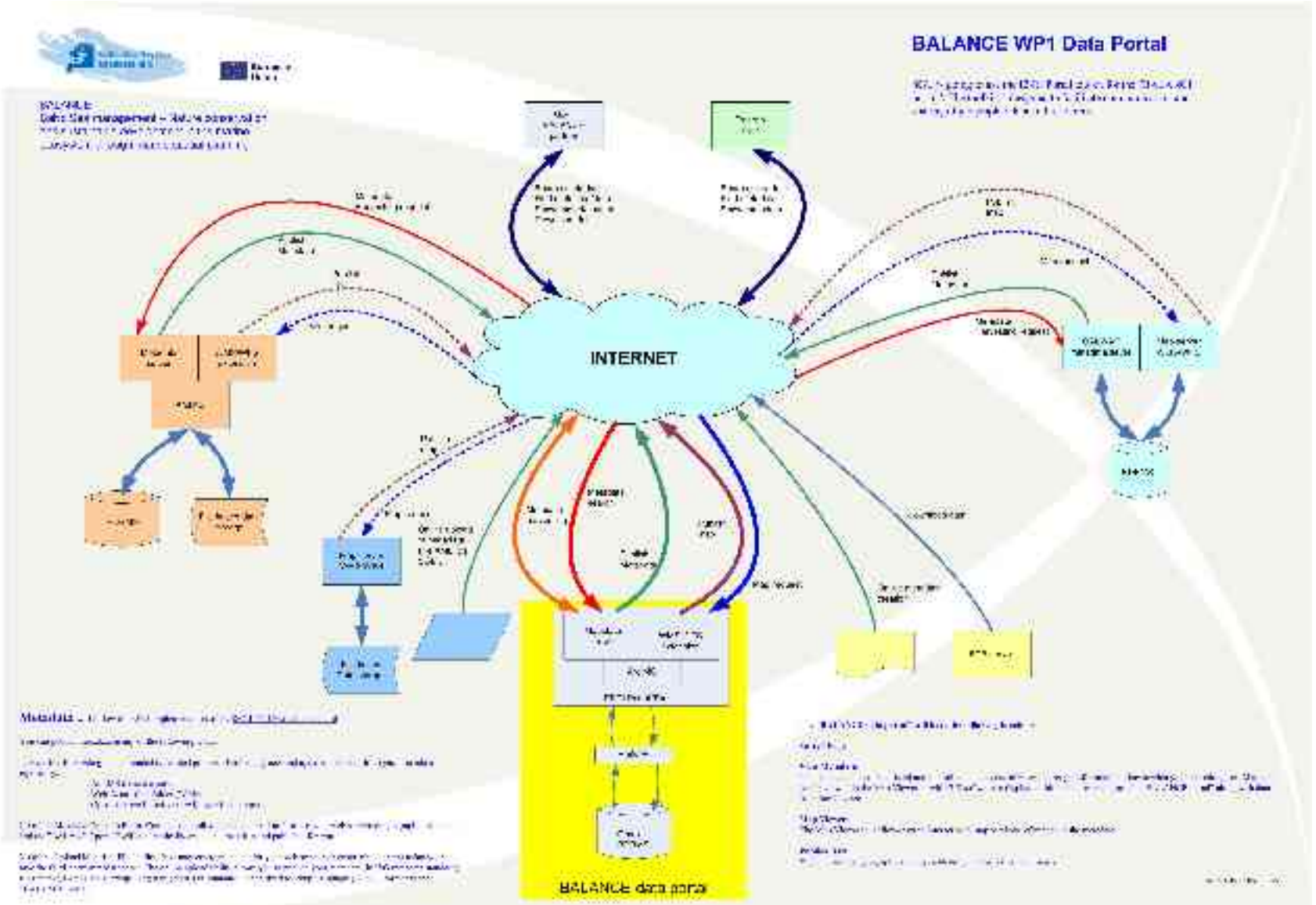

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