GeonetCast SDI
- data for Europe -

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The Idea

- Create a SDI to provide
  - distributed search for access to a huge volume of metadata from different **sources** (initially raster imagery with the potential to expand inclusion by request)
  - interactive map viewer to create maps of selected information from distributed internet servers

- Using **GeoNetwork**, this application will implement 4 services of OGC specifications
  - Portal Services
  - Catalog Services
  - Data Services
  - Portrayal Services
**Work Plan**

- **Portal Services**
  - provide access to geospatial information (map viewer, metadata editor)
  - manage the portal and users (authentication and access control)
- **Catalog Services**
  - collect and maintenance descriptive information about data on the network
  - distributed search capabilities
Work Plan

● Data Services
  ○ provides access to spatial content in repositories and databases (WFS, WCS)

● Portrayal Services
  ○ the visualization on the Internet of geospatial information (WMS)
Work Assignment

- Software installation and configuration -> 15 hours
- GUI design -> 5 hours
- System analysis -> 15 hours
- Prepare the map and relevant metadata -> 20 hours
- Data entry -> 10 hours
- Manage privileges and categories -> 2 hours
- Manage users and groups -> 2 hours
- Map viewer + Google Earth -> 35 hours
- Set up WMS -> 40 hours
- Documentation -> 10 hours

Total: 154 hours