The Black Sea Information System

Technical and programming support to the analysis of the existing BSIS

- Report on existing status of BSIS
- Provide technical and programming support to the development of prototype
- Concept paper
- Develop web portal prototype
Purpose of this presentation:

• Provide overview of current status of BSIS:

• Acquire basic feedback on:
  • Purpose of the BSIS
  • User groups and needs
  • Expected functionality (4 each group)
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Technical and programming support to the analysis of the existing BSIS

• Software development cycle

• General
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Technical and programming support to the analysis of the existing BSIS

- Software development cycle
- Concrete
- Requirement analysis + sustainability analysis => choice of platform => design
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Current status - Overview

- Complete report prepared under EMBLAS 1
- Various components
- Various platforms
- Interoperability limited
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Current status – web page of the Commission on the Protection of the Black Sea Against Pollution

Black Sea Commission Main Web page
(Component 1)

Web address: www.blacksea-commission.org
Links to documents.blacksea-commission.org

Hosting: external ISP

- Basic web page functionality
- Limited GIS functionality
- Unusable on mobile devices
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Current status - documents of the Commission on the Protection of the Black Sea Against Pollution and its Advisory Groups

- Employs Alfresco groupware software
- Offers good functionality but not used to its full capacity
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Current status – reporting of the Advisory Groups of the BSC

Reporting data of the Advisory Groups 2004 – 2010 (Component 6):

Web address: not available

Format: Excel files

Reporting data of the Advisory Groups until 2004 (BSIS developed by the GEF Project), Historical Data (Component 7):

Web address: 192.168.2.4 (Internal server)

Data format: SQL Server Database
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Current status – reporting of BSC AGs

- Specialized reporting tool developed under the GEF Black Sea Ecosystems Recovery Project (tool very good, but fails when reporting formats change)
- Excel worksheets
- Annual reports of the AGs

Reporting data of the Advisory Groups until 2004 (BSIS developed by the GEF Project), Historical Data (Component 7):
- Web address: 192.168.2.4 (Internal server)
- Data format: SQL Server Database

Reporting data of the Advisory Groups 2004 – 2010 (Component 6):
- Web address: not available
- Format: Excel files
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Current status – BS Regional Pollution Database, Black Sea Trackweb

- Hosted and maintained by UKRSces
- Hosted and maintained by Ukrainian Institute
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Summary of current status

• Different components developed under different projects and in different time periods
• Each developed component is based on a different computer hardware and software platform
  • Hardware problems
  • Software problems
• Nightmare for the administrator
• Sustainability difficult (financial hosting costs are not so high, dedicated IT experts needed)
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Purpose of the BSIS

• Serve the BSC, PS, AGs
• Serve as official entry point to data in the Black Sea
• Provide functionality to AG and BSC activities/reports
User Groups

• GEF BSERP Study conducted identified two loops:
  • BSC, AG information flows
  • Scientific community and
  • Other users
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Usability

• Desktop PC
• Mobile laptops
• Tablet PCs
• Mobile phones
Functionality – BSC, PS, AG

• This is the face of the Black Sea Commission
• Present information on the Bucharest Convention
• Present information on activities
• Provide access to documents based on user privileges
• Online editability of documents has to be additionally reviewed in order to develop it into the system
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Functionality – Scientific community

- Present information on the Bucharest Convention
- Present information on activities
- Provide access to documents based on user privileges
- Provide access to meta data with external links
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Functionality – Scientific community

• Present information on the Bucharest Convention
• Present information on activities
• Provide access to documents based on user privileges
• Provide access to meta data with external links
Functionality – Other users

• This is the face of the Black Sea Commission
• Present information on the Bucharest Convention
• Present information on activities
• Provide access to documents based on user privileges
• Provide access to meta data with external links – user profiled
• Integrated into social media ?
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Thank you for being with me!