D4D & IENC

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Agenda

• D4D Infrastructure
  https://d4d-portal.info

• IENCs
D4D Infrastructure - status before project

D4D Infrastructure

• Before the project current version supported the INEC charts IE 2.1 – so the updates implementation was really necessary – elaboration of the specification – requested support of IENC in IE 2.3 and 2.4

• Changing of the infrastructure workflow – increasing of the performance

• Reduction of the manual works
  • Paper charts production and updating
  • Atlas of Berth production and updating

• Exchanging of the data and keep the data on portal up to date – implementation of RSS Feed between portal and national webpages
D4D Infrastructure - actions done

D4D Web Portal

• Upgrading of the D4D infrastructure, more machines, new database, increasing of the performance
• Migrate and/or update all services i.e
  • Atlas of Berth https://aob.d4d-portal.info (for project partner use only)
  • WMS/WFS
  • Main Portal (map display, search print, ...) – data presentation
    • https://d4d-portal.info

Paper charts tools

• Creation of the Paper charts out of IENCs + extra info (bridges, locks, authorities, etc.) – regular updating of the charts

Automated collection of IENC charts

• Provision of charts per waterway via RSS Feed by project partners
• „watchdog“ checks feeds for change on a daily base
• Changes will be downloaded, applied to database and map tiles will be recreated
D4D Infrastructure

IENC National country webpages
DE, AT, SK, HU, HR, RS, RO, BG

RSS Feed

D4D Infrastructure

WFS

D4D Web portal

WMS

D4D RSS Feed (watchdog unit)

ECDIS Manufacturers

WAMOS (Danube FAIRway)
D4D Infrastructure - portal
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D4D Infrastructure - Paper charts
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IENCs

- All IENC charts in IE 2.3, preparation for IE 2.4 standard (and publishing)
- Depth information from latest measurement – involvement – at least for all critical sections (entire stretch also) – updating of the depth data after each measurement
- Coding of the critical sections – as restricted area (harmonization of the data quality)
- Coding of the berth places and updating of the Atlas of Berth document
- RIS Index involvement (latest version)
- Facility Files production & involvement (using Facility Data Editor)
- Publishing of the IENC charts on D4D Portal via RSS Feed – same information on national web pages and D4D Portal
Thank you for your attention

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