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platform for the implementation of NAIADES

PLATINA 2 Expert Group on Waterway Maintenance

Status of activities

PLATINA II Advisory Committee
18.06.2015, Brussels
Gudrun Maierbrugger, viadonau

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Waterway Maintenance Expert Group

- Members from F, A, NL, DE, BE, RO, SR, SK, CZ, Danube & Sava Commission; in contact with CCNR
- Good Practice Manual on Waterway Maintenance
  - Target group: waterway administrations
  - Focus: fairway, free-flowing river sections
  - Lessons learned from practice, across river corridors
  - Recommendations for practical implementation

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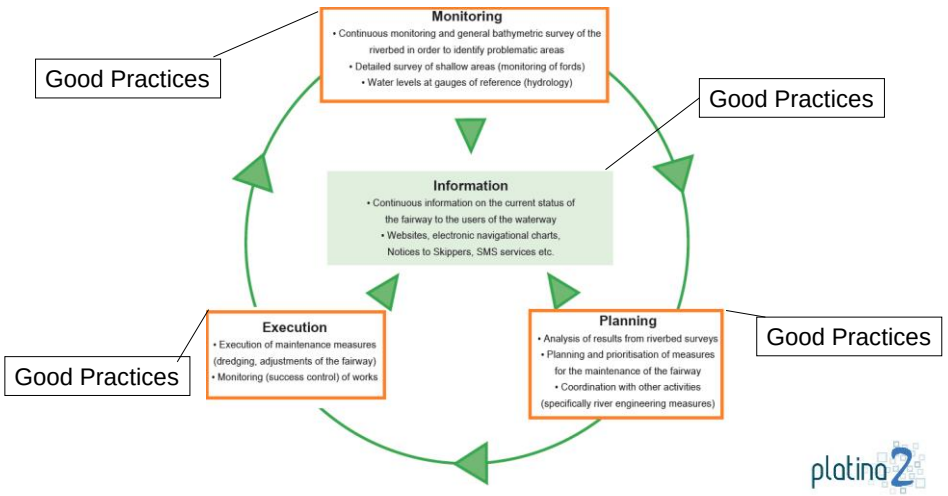
Good Practice Manual on WW Maintenance

Basis: **Recurring Fairway Maintenance Cycle** → „Good Practice“ for Europe



Good Practices: Status of Selection		
Topic: Integrated Planning & Cross-border Planning		
„Rahmenkonzept Unterhaltung“		→ Specific waterway maintenance guidelines integrating transport & environment needs
Integrated Management Plan Upper Sea Scheldt		→ Maintenance plan integrating navigation, river shores and tidal nature
„Fairway Maintenance Cycle“		→ Overall concept for a pro-active, coordinated and interlinked maintenance process
Riverbed Stabilisation Spijk		→ Cross-border planning and implementation of measures
Cooperation Western Scheldt		→ Cross-border planning and implementation of measures

Good Practices: Status of Selection		
Topic: Targets and Indicators for Maintenance		
„Erhaltungsziele Rhein“	Rhine	→Well-functioning multinational coordination of maintenance targets, measures and information activities
NEWADA duo Indicators & Fairway Rehabilitation and Maintenance Masterplan	Danube and tributaries	→ Corridor-based coordination of targets and measures in all fields of the maintenance cycle

Good Practices: Status of Selection		
Topic: Fairway Surveying		
Network of gauging stations		→ State of the art system for hydrological monitoring of 1350 rkm
Innovative Aids to Navigation concepts		→ Testing of AIS supported buoys system
Cross-border buoy database		→ Harmonized signalisation and joint database of 4 riparian countries

Good Practices: Status of Selection		
Topic: Planning of Maintenance Measures		
Decision methodology for best measures		→ IT supported identification of optimum maintenance measures
Multiannual framework contracts for dredging services		→ System of specified tenders to enable quick reaction and flexibility on a restricted dredging market

Good Practices: Status of Selection		
Topic: Executing Maintenance Measures		
Handlungsanweisung für den Umgang mit Baggergut im Binnenland		→ Guidelines for dredging activities with regard to environmental issues
Riverbed Stabilisation Iffezheim		→ Well functioning sediment management project

Good Practices: Status of Selection		
Topic: User Information and Integration		
ELWIS		→ Well-established NtS system for whole German waterway network
Danube FIS Portal	Danube	→ Corridor-oriented online info portal on fairway conditions
Regular user committees on regional level		→ Legally binding process of user integration

Waterway Maintenance Expert Group

Next steps:

- 3rd and final workshop in Iffezheim, D (09/2015)
- Further feedback loops on manual (fall 2015):
  - CCNR working group on infrastructure and environment
  - PLATINA 2 Advisory Board
- Final version of manual planned for December 2015

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Contact WP4

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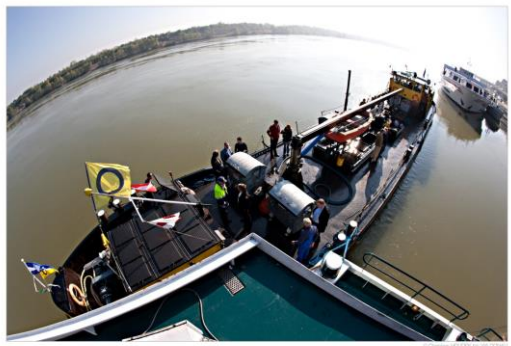

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