



Roadmap

PA 4

**To restore and maintain the quality
of waters**

Action 1: “To implement fully the Danube River Basin Management Plan”

| Action 1 | Name | Deadline | Responsible actors | Status of the action and Progress in 2013 | Results (available and expected results) | Next steps |
|--------------------|---|------------------------------|----------------------------|---|---|-------------------|
| Milestone 1 | Interim Report on the Implementation of the Joint Programme of Measures | 2012 | ICPDR | Finalised and adopted in December 2012 | Finalised document is available via the ICPDR website (www.icpdr.org) | N/A |
| Milestone 2 | Facilitate the alignment of funding and the support of the JPM of 1st and 2nd Danube River Basin Management Plan | | | | | |
| Output 1 | Policy reflections and Plan on financing for 1st JPM | First quarter of 2013 | EUSDR PA4 and ICPDR | Finalised: Workshop organised April 2013 4-5 | Envisaged and planned activity is fulfilled, workshop minutes is available via the ICPDR website (www.icpdr.org) | N/A |

| Action 1 | Name | Deadline | Responsible actors | Status of the action and Progress in 2013 | Results (available and expected results) | Next steps |
|--------------------|--|---------------------------|---------------------|---|--|--|
| Output 2 | Supporting documents to financing of 2nd Joint Programme of Measures | End of 2014 | EUSDR PA4 and ICPDR | In progress | Outcomes of the workshop as of 2013 4-5 April (see also output 1) Summary document to be prepared | Discussion with the ICPDR on the harmonisation of the work Development of the related document |
| Milestone 3 | Update of the Analysis Report | First half of 2014 | ICPDR | Document currently under development | Data collection is ongoing Development of the draft document is ongoing | Finalisation of data collection Drafting and finalisation of the document Endorsement of the document by the ICPDR HoDs in June 2014 |
| Milestone 4 | 2nd Management Plan | End 2015 | ICPDR | Preparation ongoing | Draft structure and outline of 2 nd DRBM Plan prepared and discussed; Public Participation schedule published for 6 months, ready for adoption. Updated Interim Overview on the Significant Water Management Issues ready for adoption and 6 months public consultation | Data collection and preparation of draft 2 nd DRBM until December 2014 for public consultation Plan |

Action 2: *“To greatly strengthen cooperation at sub-basin level”*

| Action 2 | Name | Deadline | Responsible actors | Status of the action and Progress in 2013 | Results (available and expected results) | Next steps |
|--------------------|---|-------------|---|---|--|---|
| Milestone 1 | Implementation of the 1st ITRBM Plan | 2015 | UA, SK, HU, RO, RS, (ICPDR Tisza Group) | Feedback on the progress of the Joint Programme of Measures has been prepared and should be endorsed in 2014 (activity is prolonged due to institutional changes of ICPDR Tisza Group coordination). | - | endorsement of the report by the ICPDR HoDs in 2014 |
| Project 1 | Case studies on sub-basin | End 2012 | ICPDR Tisza Group (HU, RO, RS, SK, UA) | Finalised: 2 case studies | Studies (agriculture and water management and climate change case studies) are available via the ICPDR website | N/A |
| Project 2 | Early warning water quality monitoring system on transboundary rivers | 2020 | Water Boards on sub-region | A cluster was established including on-line monitoring experts, analytical and toxicology experts and telecommunication and database experts. The preliminary results were presented in the Macro Regional Conference and in UN Budapest Water Summit | - | Applying for the funding of a feasibility study. |

| Action 2 | Name | Deadline | Responsible actors | Status of the action and Progress in 2013 | Results (available and expected results) | Next steps |
|-------------|--|--------------------|--|--|--|---|
| Milestone 2 | Interim report on the 1st ITRBM Plan | End 2013 | UA, SK, HU, RO, RS, (ICPDR Tisza Group) | Feedback on the progress of the Joint Programme of Measures has been prepared and should be endorsed in 2014 (activity is prolonged due to institutional changes of ICPDR Tisza Group coordination). | Report on the progress on the implementation of the Tisza JPM. | endorsement of the report by the ICPDR HoDs in 2014 |
| Milestone 3 | Strengthening of cooperation in the Tisza River Basin | | | | | |
| Output 1 | Proposal for a framework for a long-term cooperation between countries | First half of 2013 | PA4, UA, SK, HU, RO, RS, ICPDR Tisza Group | ProTisza consortium set up Hungary offered to coordinate ICPDR Tisza Group activities during the transition period | | Update project, discuss with project partners to ensure their continuous commitment |
| Output 2 | Alignment of funding and setup of the proposed framework | End of 2014 | PA4, UA, SK, HU, RO, RS, ICPDR Tisza Group | (see information about Output 1 and Output 2 related project – Pro Tisza) | Starting Tisza project with the involvement of the countries | (see information about Output 1 and Output 2 related project) |

| Action 2 | Name | Deadline | Responsible actors | Status of the action and Progress in 2013 | Results (available and expected results) | Next steps |
|--------------------|---|-----------------|--|--|--|---|
| Project | ProTisza (Promoting Strategic Partnership Enabling Cooperation in the Tisza River basin) | 2014 | PA4,UA, SK, HU, RO, RS, ICPDR Tisza Group | (see information about Output 1 and Output 2 related project) | - | (see information about Output 1 and Output 2 related project) |
| Milestone 4 | Development of the 2nd ITRBM Plan | End 2015 | HU, RO, RS, SK, UA, ICPDR Tisza Group | | | |
| Milestone 5 | Danube Delta Sub-basin Analysis Report | 2013 | MD, RO, UA, ICPDR | Draft report available | Draft Danube Delta Analysis Report is available | Finalisation in first half of 2014 |
| Milestone 6 | Delta Management Plan | 2015 | RO, MD, UA | Consortium was set up for the development of the management plan. | DDMP to be developed | Project proposal should be updated in line with the outcomes of the DDAR. Relevant financing programs to be investigated |

| Action 2 | Name | Deadline | Responsible actors | Status of the action and Progress in 2013 | Results (available and expected results) | Next steps |
|--------------|--|-------------|--------------------|---|---|--|
| Milestone 7 | Management Plan | 2015 | MD, RO, UA | <p>Pilot project on the Prut corridor is ongoing in the frame of the project</p> <p>EU funded EPIRB project is ongoing, developing coordinated management plans for the MD and UA part of the sub-basin</p> | | <p>Finalisation of ongoing projects</p> <p>Investigate on sources for financing development of overall sub-basin Management Plan</p> |
| Milestone 8 | Implementation of the Management Plan | End of 2014 | ISRBC | Activity is managed by the ISRBC, the SRBMP has already been developed as the first step | <p>SRBMP developed - RBM Plan – The final draft of the “Sava RBM Plan” undergoing internal national procedures preceding the adoption</p> | adoption of the plan |
| Milestone 9 | Update of the Analysis | 2015 | ISRBC | Activity will be managed by the ISRBC, | SRBA to be developed | adoption of the first SRBMP |
| Milestone 10 | Development of the 2nd Management Plan | 2017 | ISRBC | This activity will start following the adoption of the first SRBMP | | adoption of the first SRBMP |

Action 3: “To continue to invest in and support the information collection systems already developed by ICPDR”

| Action 3 | Name | Deadline | Responsible actors | Status of the action and Progress in 2013 | Results (available and expected results) | Next steps |
|--------------------|---|-----------------|---------------------------|---|---|---|
| Milestone 1 | ICPDR databases | end 2015 | ICPDR | See information related to the relevant projects | | |
| Project 1 | Development of databases on inventories related to ARS, CS and MS | end of 2015 | ICPDR | The data collection process is ongoing. Compilation of templates of the ARS and CS inventories in the draft form for all countries planned to be finished in the first half of 2014. The final ARS and CS inventories planned to be available at the end 2014. Detailed analysis and database development are expected to be done in 2015.. | Templates for the ARS, CS and MS inventories. | Data collection, finalisation of the inventories. |
| Project 2 | Further development of TNMN database | end 2015 | ICPDR | in cooperation with the MA EG and the ICPDR Secretariat prepared TNMN Yearbook 2011. | TNMN Yearbook 2011 | Continue the work |

| Action 3 | Name | Deadline | Responsible actors | Status of the action and Progress in 2013 | Results (available and expected results) | Next steps |
|-------------|--|-------------|--------------------|--|--|--|
| Project 3 | Development of database on inventories on Hazardous Substances | end of 2015 | ICPDR | Draft template for preparing inventories of particular PS already selected is available. The ICPDR PM EG discussed and agreed on the preparation of the EDL inventories (Inventory of Emissions, Discharges and Losses of Priority and Priority Hazardous Substances) making use of the CIS Guidance No. 28 methodology and the results of its testing at the DRB. Detailed analysis and database development are expected to be done in 2015.. Activities commenced on identification of Danube River Basin Specific Pollutants in the frame of the FP7 project SOLUTIONS using JDS3 results. | Draft template for the PS inventory. | Reconsider the template, discussion on the upcoming PM EG Meeting. Start collecting data. |
| Milestone 2 | Joint Danube Survey 3 | 30/09/2014 | ICPDR | JDS 3 took place in August and September 2013. Analysis of samples is ongoing. | Samples collected | Analysis of samples is ongoing. Report on the results of the JDS 3 will be available in 2014 |
| Project 1 | Monitoring survey on the | 30/09/2013 | ICPDR | JDS 3 took place in August and September 2013 | Samples collected | Analysis of samples is ongoing |

| Action 3 | Name | Deadline | Responsible actors | Status of the action and Progress in 2013 | Results (available and expected results) | Next steps |
|--------------------|---|------------|--------------------------|--|---|--------------------------------|
| Project 2 | Preparation of JDS3 reports | 30/09/2014 | ICPDR | This milestone depends on previous, still ongoing milestone/project; therefore its implementation has not started yet. | JDS 3 report will be available in 2014. | Analysis of samples is ongoing |
| Milestone 3 | Joint Tisza Survey 2 | | | | | |
| Project 1 | Monitoring survey on the | 2015 | ICPDR Tisza Group | Discussion on the Tisza Survey is in progress in the MA EG. <u>Funding is still missing</u> | methodologically oriented survey was carried out in HU and RO supported by US IGERT funding | Raising funds for JTS2 |
| Project 2 | Preparation of the JTS2 reports | 2016 | ICPDR Tisza Group | - | - | - |
| Project 3 | Survey and assessment of hydro-ecology of the | 2015 | HU, UA, SK, RO, RS | - | - | - |

| Action 3 | Name | Deadline | Responsible actors | Status of the action and Progress in 2013 | Results (available and expected results) | Next steps |
|-------------|--|-------------|--------------------|--|--|-------------------|
| Milestone 4 | INSPIRE compliant DanubeGIS | 2015 | ICPDR | Redevelopment based on <i>OpenGeo suite</i> platform is in process System changes and related discussion in IMGIS EG is on-going | | Continue the work |
| Step 1 | Refinement of system concept and preparation of implementation plan | 2012 | ICPDR | The implementation plan prepared. | | |
| Step 2 | Development of tools for integrated visualisation and interpretation of data | 2015 | ICPDR | New tools for data validation and uploading were developed and implemented. WebGIS based on OpenLayers is in development. Discussion in IMGIS EG is on-going | | Continue the work |

| Action 3 | Name | Deadline | Responsible actors | Status of the action and Progress in 2013 | Results (available and expected results) | Next steps |
|--------------------|--|------------|--------------------|---|--|------------|
| Milestone 5 | Establishment and completion of the SavaGIS | | | | | |
| Step 1 | Setup of the core Sava GIS functionalities. | 2012 | ISRBC | The 8th Ah GIS EG Meeting was held on January 22, at the premises of the Sava Commission in | | |
| Step 2 | Development of the advanced tools, mapping and reporting services as well as basic application and/or decision support systems. | 2015 | ISRBC | The 8th Ah GIS EG Meeting was held on January 22, at the premises of the Sava Commission in | | |
| Step 3 | Extension of common data model to accommodate additional themes and datasets and the establishment of the most advanced service components | after 2015 | ISRBC | The 8th Ah GIS EG Meeting was held on January 22, at the premises of the Sava Commission in | | |

Action 4: “To continue boosting major investments in building and upgrading urban wastewater treatment facilities across the Danube Basin, including measures to build capacity at the regional and local level for the design of such infrastructure”.

| Action 4 | Name | Deadline | Responsible actors | Status of the action and Progress in 2013 | Results (available and expected results) | Next steps |
|--------------------|--|--------------------|--------------------|--|--|--|
| Milestone 1 | Updating the implementation programme of UWWT | End of 2012 | ICPDR | Finalised. An overview on the measures taken and progress achieved by the Danube countries is available in the Interim Report on the Imp. of the JPM. | Interim Report on the Imp. of the JPM. | |
| Step 1 | Information on national level of UWWTPs | End of 2012 | ICPDR | Finalised. An overview on the measures taken and progress achieved by the countries is available in the Interim Report on the Imp. of the JPM. | Interim Report on the Imp. of the JPM. | |
| Step 2 | Revision and update of the ICPDR database on UWWTPs | End of 2015 | ICPDR | Update of the information is ongoing, analysis will be elaborated for the Danube Basin Analysis Report. The database on UWWTPs is planned to be updated for the 2 nd DRBM Plan. | Data from the countries, draft DBA Report and 2 nd DRBM Plan. | Finalization of the DBA Report, data collection for the 2 nd DRBM Plan. |

| Action 4 | Name | Deadline | Responsible actors | Status of the action and Progress in 2013 | Results (available and expected results) | Next steps |
|--------------------|--|--------------------|--------------------|---|--|------------|
| Milestone 2 | Financial planning for programme implementation | | | | | |
| Work 1 | Facilitate dialogue among donors and IFIs on financing options of the urban wastewater treatment plants in the DRB | First half of 2013 | ICPDR | Done. The ICPDR workshop on financing on 4-5 April 2013 specifically addressed the financing issues of the UWWTP's. | | |
| Work 2 | Workshop on financing | First half of 2013 | ICPDR | Done. The ICPDR workshop on financing was held in on 4-5 April 2013. | | |
| Work 3 | Preparation of a financial plan for the implementation programme on update for the UWWT | First half of 2013 | PA4, BDCP | (this work will be harmonised with Milestone 1 Step 1 and 2) | | |

| Action 4 | Name | Deadline | Responsible actors | Status of the action and Progress in 2013 | Results (available and expected results) | Next steps |
|--------------------|--|----------|--------------------|---|--|--------------------|
| Milestone 3 | Technology developments | | | | | |
| Work | To promote investments to foster penetration, where necessary, of improved UWWT technology based on research or already proved "state of the art" technologies | 2015 | EUSDR Countries | | | - |
| Project 1 | New technology for specific contamination | 2015 | EIB BDCP | | | - |
| Project 2 | Blue – "Improved framework conditions for fast track eco-innovation in waste water treatment" | 2015 | DE, BG | Submitted but rejected project | - | Submit the project |

Action 5: “To establish buffer strips along the rivers to retain nutrients and to promote alternative collection and treatment of waste in small rural settlements”

| Action 5 | Name | Deadline | Responsible actors | Status of the action and Progress in 2013 | Results (available and expected results) | Next steps |
|-------------|---|--------------------|--------------------|---|---|--|
| Milestone 1 | Survey of the situation on buffer zones | first half of 2013 | HU, ICPDR , PA4 | <p>The questionnaire was circulated to the countries.</p> <p>An overview on the basic and supplementary measures, inter alia the buffer zones, and progress achieved by the countries is available in the Interim Report on the Imp. of the JPM. Update is in progress.</p> | - Interim Report on the Imp. of the JPM. | <p>Evaluation of the filled questionnaires</p> <p>Update for the 2nd DRBM Plan.</p> |
| Milestone 2 | Implementation of pilot projects on nutrient buffer zones | | | | | |

| Action 5 | Name | Deadline | Responsible actors | Status of the action and Progress in 2013 | Results (available and expected results) | Next steps |
|--------------------|--|---------------------------|-----------------------|--|--|---|
| Work 1 | Preparatory paper for evaluating different solutions of establishing buffer zones | June 2014 | HU, ICPDR , PA4 | Discussions to be started at the 2 nd half of 2013 | | |
| Work 2 | Programme planning on common methodology and applying solution of buffer zones engineering | 2015 | region countries | | | |
| Work 3 | Projects generation and implementation | 2015 | region countries | | | |
| Milestone 3 | Survey of the situation on management of solid waste in small rural settlements | first half of 2013 | HU, ICPDR, PA4 | In progress. | Report on the situation on management of solid waste in small rural settlements to be prepared | Evaluate and assess the feedbacks based on the filled questionnaires |
| Milestone 4 | Survey of the situation on alternative collection and treatment wastewater in small rural settlements | 2013 | HU, ICPDR, PA4 | In progress. The draft questionnaire is under preparation to investigate on already available information, technologies | Report on the situation on alternative collection and treatment wastewater in small rural settlements | Evaluate and assess the feedbacks based on the filled questionnaires |

| Action 5 | Name | Deadline | Responsible actors | Status of the action and Progress in 2013 | Results (available and expected results) | Next steps |
|--------------------|--|-------------|--------------------|---|--|------------|
| Milestone 5 | Promoting best practices in WWT and Programme of Measures for solid waste management and wastewater treatment for small settlements | | | | | |
| Work 1 | Analyses of solid waste management and WWT | 2014 | HU, ICPDR, PA4 | | | |
| Work 2 | Proposal for a supplementary, eco-friendly and site-specific waste water treatment units for less than 2000 PE small settlements where UWWTPs are financially non-feasible | End of 2013 | HU, ICPDR, PA4 | This milestone depends on previous, still on-going milestone/project; therefore its implementation has not started yet. | | |
| Work 3 | Generating policy response to the findings of the survey on waste management in small settlements | End of 2013 | PA4 | This milestone depends on previous, still on-going milestone/project, therefore its implementation has not started yet. | | |

| Action 5 | Name | Deadline | Responsible actors | Status of the action and Progress in 2013 | Results (available and expected results) | Next steps |
|--------------------|---|-------------------------------------|------------------------------------|--|--|---------------|
| Milestone 6 | Implementation of pilot projects and promotion of site-specific and eco-friendly waste water treatment for less than 2000 PE settlements | | | | | |
| Phase 1 | Programme proposal for technical and financing solutions for the region countries reflecting their different circumstances of topography | 2013 | PA4, Danube region countries, BDCP | This milestone depends on previous, still ongoing milestone/project, therefore its implementation has not started yet. | | |
| Phase 2 | Projects generation based on documents focusing on know-how exchange (BAT) and applying the most suitable technical solutions to small regions and/or settlements concerned | 2015 | Project leaders | | | |
| Milestone 7 | Promotion of the implementation of good practices | end of 2015 and continuously | ICPDR, PA4 | <p>Discussions on the good agricultural practices have regularly been initiated at the PM EG Meetings.</p> <p>An overview on the on the basic and supplementary measures and progress achieved by the countries is available in the Interim Report on the Imp. of the JPM.</p> | Interim Report on the Imp. of the JPM. | Continuation. |

Action 6: *To foster and develop an active process of dialogue and cooperation between authorities responsible for agriculture and environment to ensure that measures are taken to address agricultural pollution*

| Action 6 | Name | Deadline | Responsible actors | Status of the action and Progress in 2013 | Results (available and expected results) | Next steps |
|-------------|--|------------|----------------------------|---|---|------------|
| Milestone 1 | Strengthen the cooperation between agriculture and water authorities | 2013 | SK, ICPDR | In progress. A preparatory assessment on cooperation between agriculture and water sector is part of „ case study on agriculture and water management“ ICPDR, Nov. 2012. | case study is available via the ICPDR website | |
| Milestone 2 | Implementation of Action plan | continuous | Project leaders, countries | | | |

Action 7: “To legislate at the appropriate level to limit the presence of phosphates in detergents”

| Action 7 | Name | Deadline | Responsible actors | Status of the action and Progress in 2013 | Results (available and expected results) | Next steps |
|--------------------|---|--------------------|---------------------------|---|---|---------------------------|
| Milestone 1 | Implementation of Regulation (EU) 259/2012 | End of 2012 | ICPDR, PA4 | An overview on the legislative regulation of the P-free detergents and its implementation is available in the Interim Report on the Imp. of the JPM. | Interim Report on the Imp. of the JPM. | |
| Milestone 2 | Policy response on the Overview Report | 2013 | PA4 | It will be realized in second half of 2013 with an expert group. | | Continue the work |
| Milestone 3 | Scenarios calculation for P reduction in laundry and dishwasher detergents and incorporation in 2nd DRBM Plan | | | | | |
| Output 1 | Modelling of anticipated nutrients reduction effects due to P-free detergents | End of 2014 | ICPDR | Preparatory work for modelling with MONERIS in progress | Results of model calculations | Continue the work. |

| Action 7 | Name | Deadline | Responsible actors | Status of the action and Progress in 2013 | Results (available and expected results) | Next steps |
|-------------|--|------------------------|--------------------|---|---|--------------------|
| Output 2 | Incorporation of model results in 2 nd DRBM Plan | End of 2014 / end 2015 | ICPDR | Preparation of 2 nd DRBM Plan ongoing. | P-free detergents and related management options addressed by 2 nd DRBM Plan | Continue the work. |
| Milestone 4 | Facilitate implementation of JPM regarding P-free detergents through enhanced stakeholders' dialogue | on-going | ICPDR and PA4 | Phosphates in detergents are addressed and part of the ongoing discussions in the relevant Expert Groups of the ICPDR for WFD implementation. EU Regulation 259/2012 is legally binding for EU MS, therefore a targeted dialogue with non EU MS on the implementation of a P ban for detergents should be considered. | | |

Action 8: *To treat hazardous substances and contaminated sludge with the newest and best available technology and to develop and promote remediation measures*

| Action 8 | Name | Deadline | Responsible actors | Status of the action and Progress in 2013 | Results (available and expected results) | Next steps |
|-------------|---|-------------|--|---|--|--------------------|
| Milestone 1 | Inventory of polluted sites by upgrading of 'hot spot' inventory 2001 | End of 2014 | ICPDR | In progress, ARS, CS templates have been sent out, MS templates agreed, data collection is on-going. | | Continue the work. |
| Milestone 2 | List of activities and research needs | End of 2014 | ICPDR, PA4 | In progress, knowledge gaps and the necessary activities have been discussed in preparation the DBA Report and will be updated for the 2 nd DRBM Plan. | | Continue the work. |
| Milestone 3 | Implementation of projects | End of 2020 | region countries, companies to be defined as appropriate | | | |
| Milestone 4 | Knowledge transfer | continuous | EU | | | |

Action 9: “To assure the proper control and progressive substitution of substances that are considered problematic for Danube Region”

| Action 9 | Name | Deadline | Responsible actors | Status of the action and Progress in 2013 | Results (available and expected results) | Next steps |
|--------------------|--|--------------------|---------------------------|--|---|--|
| Milestone 1 | Testing of the EU Guidance document on EQS Directive | Dec 2012 | ICPDR | Finalised. | Finalised Report, draft ICPDR list of the relevant PS. | |
| Project | Testing of the Guidance to elaborate a draft ICPDR list of relevant priority substances at the DRB | Dec 2012 | ICPDR | Finalised. | Finalised Report, draft ICPDR list of the relevant PS. | |
| Milestone 2 | Inventory on emissions, discharges and losses of priority substances | End of 2014 | ICPDR | In progress, draft template has been elaborated for data collection). Template might be reconsidered. | - | Continue the work. |
| Project (planned) | Project proposal on emissions reduction of priority substances in the (PS – RED) | t.b.d. | ICPDR | The project idea has to be discussed at the next PM EG Meeting. | | Preparation of project proposal depending on results of discussions in PM EG |

| Action 9 | Name | Deadline | Responsible actors | Status of the action and Progress in 2013 | Results (available and expected results) | Next steps |
|----------------|--|-------------|--------------------|---|--|--------------------|
| Milestone 3 | Harmonization of data available from various sources | End of 2014 | ICPDR | In progress, available as a methodology and first draft list of relevant substances in the . Further harmonisation is intended using additional and/or updated information of different data sources available (TNMN, JDS3, PS EDL, E-PRTR, Waterbase, etc.) for the whole river network. | Draft list of relevant substances . | Continue the work. |
| Project (idea) | Contribution to relevant EU reporting | t.b.d. | ICPDR | Discussion in progress and to be concretised at next PM EG Meeting | | Continue the work |

Action 10: “To reduce existing water continuity interruption for fish migration in the Danube river basin”

| Action 10 | Name | Deadline | Responsible actors | Status of the action and Progress in 2013 | Results (available and expected results) | Next steps |
|--------------------|--|--------------------|---------------------------|---|---|-------------------|
| Milestone 1 | Revision and update of the ICPDR ecological prioritisation approach for addressing longitudinal continuity interruptions in the DRB | | | | | |
| Work 1 | Revision and update of methodology with support from EU Grant | End of 2012 | ICPDR | Update of draft methodology finalised. | Updated draft methodology available | Work 2 |
| Work 2 | Application of new methodology with updated data from 2013 data collection | During 2014 | ICPDR | Advanced draft for updated methodology available; Application of updated methodology and testing planned for 2014 with data from 2013 Update DBA | | |
| Milestone 2 | Application of the updated approach for 2nd Danube River Basin Management Plan | End of 2015 | ICPDR | | | |

| Action 10 | Name | Deadline | Responsible actors | Status of the action and Progress in 2013 | Results (available and expected results) | Next steps |
|-------------|---|---------------------|----------------------------|--|--|------------------------------------|
| Milestone 3 | Feasibility study for restoring continuity at the dams | As soon as possible | RO, RS, ICPDR, PA4 | Project "Fish migration at Danube and Iron Gates" approved for funding by Dutch "Partners for Water Programme" in June 2013. Project was launched in September 2013 and will be implemented by September 2014 | Project results available in June 2014 | Implementation of project |
| Milestone 4 | To carry out an assessment for restoration of the sediment balance in the Danube | | | | | |
| Project | Danube Sediment Management - Assessment for Restoration of Sediment Balance in the Danube | End of 2014 | HU, AT, DE, SK, HR, RS, RO | Project proposal rejected by SEE. During the 36th RBM EG Meeting in October 2012, the potential need for enlarging the project consortium with involvement of additional stakeholders (e.g. navigation and hydropower) was raised. | Planning ongoing | prepare a revised project proposal |

| Action 10 | Name | Deadline | Responsible actors | Status of the action and Progress in 2013 | Results (available and expected results) | Next steps |
|-------------|--|-------------|----------------------|---|--|------------|
| Milestone 5 | Assessment of the establishment of a hydro-morphological monitoring system for Danube and tributaries | End of 2014 | HU, countries, ICPDR | | - | |
| Milestone 6 | Study on the improvement of longitudinal continuity of rivers with operational changes in existing installations and low cost improvements in the light of the specific needs of various migratory fish species and taxa (coordination with PA6) | 2014 | HU, countries | | - | |
| Milestone 7 | Examination of the biodiversity and environmental status of sediment, water and biota in the Sava River basin | | | | | |
| Project | Environmental Status of Sediment, Water and Biota in the - SEWABIS | June 2014 | SI, SK, BA, HR, RS | | | |

Action 11: *“To promote measures to limit water abstraction”*

| Action 11 | Name | Deadline | Responsible actors | Status of the action and Progress in 2013 | Results (available and expected results) | Next steps |
|-------------|--|------------------------------|--|--|--|-------------------------|
| Milestone 1 | Collection of good practice examples dealing with limiting water abstraction | End of 2013 | HU, PA5, ICPDR, PA4, GWP DS task Force | In progress. There is an ongoing project dealing with this topic (CC-Ware) and a finished project (CC-WaterS). | In progress, CC-WaterS | Continue the collection |
| Milestone 2 | Dissemination of results of the best practices and policies for decision-makers and stakeholders | First half of 2014 | HU, ICPDR, PA4 | | | |
| Milestone 3 | Integration of the results from the good practices collection into the Risk assessment and 2nd DRBMP | End of 2013 and 2015 (DRBMP) | HU, PA5, ICPDR, PA4 | This milestone depends on previous, still on-going milestone/project, therefore its implementation has not started yet | | |
| Milestone 4 | Pilot projects based on best practices of milestone n°1 and promotion | continuous | Project leaders | This milestone depends on previous, still on-going milestone/project, therefore its implementation has not started yet | | |

Action 12: “To strengthen general awareness and facilities exchange of good practice in integrated water management issues in the Danube Basin among decision-makers at all levels and among the population of the Region”

| Action 12 | Name | Deadline | Responsible actors | Status of the action and Progress in 2013 | Results (available and expected results) | Next steps |
|-------------|--|---|--------------------|--|--|-----------------------------|
| Milestone 1 | Danube Day 2012 held in 14 countries with more than 100 individual events | continuously every year for Danube Day, 30 November for review diary | ICPDR | On the 29 th June 2013 countries celebrated in national level the Day http://www.icpdr.org/main/activities-projects/danube-day , http://www.danubeday.org/ | pictures, interview etc are available on the ICPDR website | review diary |
| Milestone 2 | Re-launch of the ICPDR Website as a tool to communicate accessible and appealing information on RBM efforts of the ICPDR as a contributing organization in implementation of some PAs of EUSDR. Link to the region website | June 2012 for re-launch of the ICPDR website End of 2012 for including and linking EUSDR items | ICPDR, PA4 | Finalised, ICPDR.org was re-launched in summer 2012. All contents of the website were reviewed, outdated information was removed, new contents added, http://www.icpdr.org | ICPDR website is re-launched in 2012. | Website update continuously |

| Action 12 | Name | Deadline | Responsible actors | Status of the action and Progress in 2013 | Results (available and expected results) | Next steps |
|-------------|--|--------------------|--------------------|--|--|---------------------------|
| Milestone 3 | Organisation of the Danube Art Master as a basin-wide competition among schools and youth care facilities | June of every year | ICPDR | In progress, http://www.icpdr.org/main/danube-art-master-2012-czech-republic-wins-competition | Yearly competition is organised. In 2013 ceremonial event will be organised in the frame of the Budapest Water Summit to the national winners of the Danube Art masters. | Continue the organisation |
| Milestone 4 | Information for the broad public on the progress report of the DRBMP implementation through an appropriate article in Danube Watch | 15 December 2012 | ICPDR, PA4 | Finalised, http://www.icpdr.org/main/publications/danube-watch . | Article is published and available via the ICPDR website. | Danube Watch articles |
| Milestone 5 | Information exchange on the progress, achievements and current events of EUSDR PA4 to strengthen of general awareness | continuous | PA4, ICPDR | On-going information through established media: Danube Watch, ICPDR.org, e-mail to ICPDR observer organisations | website of the ICPDR relaunched, article in Danube Watch published | Continue the exchange |

Action 13: “To promote measures aimed at reducing knowledge deficits, developing and transferring tools, methods and guidelines concerning the safeguarding of drinking water supply.”

| Action 13 | Name | Deadline | Responsible actors | Status of the action and Progress in 2013 | Results (available and expected results) | Next steps |
|-------------|--|-------------|--|---|---|------------|
| Milestone 1 | Identify responsible authorities, enterprises, associations responsible for drinking water supply | End of 2012 | SK, ICPDR | Finalised, list of the available national and trans-national associations is prepared | list of the available national and trans-national associations is available | - |
| Milestone 2 | Develop joint actions with responsible authorities, enterprises, associations responsible for drinking water supply including transboundary issues on shared water resources | 2013 | SK, ICPDR, suppliers' umbrella organizations | In progress, Preparation of the structure of workshop/conference is ongoing. Conference will be held on 16-17.12.2013 | - | |
| Milestone 3 | Implementation of joint actions with responsible authorities, enterprises, associations responsible for drinking water supply | continuous | countries and suppliers, BDCP | | - | |

Action 14: “To further strengthen Integrated Coastal Zone Management (ICZM) and Maritime Spatial Planning (MSP) practices on the Western shores of the Black Sea”

| Action 14 | Name | Deadline | Responsible actors | Status of the action and Progress in 2013 | Results (available and expected results) | Next steps |
|-------------|--|---------------|--------------------|---|--|---|
| Milestone 1 | Development of specific project regarding the improvement of the Integrated Coastal Zone Management in the Black Sea Region | 2012 | RO | In progress, kick-off meeting on 11-13 March 2013. | Project planning in progress | Project activities |
| Milestone 2 | Provide contribution to the development of the ICZM Strategy for the Black Sea | 30 Nov. 2013 | RO, BG, UA | In progress | - | These results will be coordinated (harmonized) with the activities of the Commission on the Protection of the Black Sea Against Pollution (Black Sea Commission) and discussed within ICZM Advisory Group of the Black Sea Commission |
| Milestone 3 | Development of a project proposal concerning marine environment protection considering the Marine Strategy Framework Directive and using the Maritime Spatial Planning | 30 March 2013 | RO | In progress, proposal is under development at the level of the Black Sea Commission | - | Continue to develop the proposal. |

Thank you for your attention