
Road Map for the Development of the DRBDM Plan



Road Map for the Development of the
Danube River Basin District Management Plan 2005-2010
(including a Work Plan and an Operational Plan for Public Participation)

Document number: IC/110
Version: Living Document
Draft 9
Date: 14/12/2006

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Imprint

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1. General

According to Article 13(3) of the EU Water Framework Directive Member States shall endeavour to produce a single river basin management plan in the case of an international river basin district extending beyond the boundary of the Community. Where this is not possible, the plan shall at least cover the portion of the international river basin district lying within the territory of the Member State concerned. This requirement is relevant for the Danube River Basin with the special background that not all countries sharing this basin are EU members. The Danube River Protection Convention (DRPC) forms the comprehensive legal frame for those Danubian States which are contracting parties to the DRPC. The DRPC states that the International Commission for the Protection of the Danube River (ICPDR) is the platform to coordinate water management issues of basin wide importance. Therefore, the elaboration of a well coordinated Danube River Basin District Management Plan is a declared common goal of all Danubian States.

The process of river basin management in the Danube Basin will be guided by two documents:

1. *The Strategic Paper for the Danube River Basin District Management Plan (DOC 101)*
2. *The Road Map including a corresponding Work Plan and an Operational Plan for Public Participation (this document/DOC 110)*

Both documents, their concept and objective will be described below. The Strategic Paper for the Development of a Danube River Basin District Management Plan presents an overview of the process in which the ICPDR has developed the Danube Basin Analysis 2004 (according to the requirements of WFD Articles 3 and 5). In addition, it includes an outlook how the DRBM Plan should be prepared - in particular the concept of sub-units, sub-basin management plans and an outline of the DRBM Plan.

2. Strategic Paper for the Development of the Danube River Basin District Management Plan

The River Basin Management Plan for the Danube River Basin has to be completed by the end of 2009 (reported to the EC by March 2010) and should be structured so that the plan can be studied on the sub-unit, either the national or the sub-basin level and the Danube River Basin District level. For this purpose a modular approach was chosen. The strategic paper on the Development of the Danube River Basin Management Plan (DOC 101) includes general issues of the Danube River Basin District, an overview of the river basin characteristics, the pressures and impacts, in particular those of transboundary nature, the programme of measures as well as the public information and consultation process.

2.1. The Role of Sub-Basins and Sub-Units in the Danube River Basin District Management Plan

Sub-basin (according to Art. 2, 14. WFD)

“means the area of land from which all surface run-off flows through a series of streams, rivers and, possibly, lakes to a particular point in a water course (normally a lake or a river confluence).”

Most sub-basins in the Danube river basin cover the territories of several countries, since the hydrographical boundaries of sub-basins generally do not correspond to national or administrative

borders. Furthermore, some sub-basins are very large and therefore entail a great deal of coordination for the development of the river basin management plan. In order to facilitate the management of data for the presentation of results in national and bilateral coordination processes, so-called "sub-units" are introduced as manageable units.

Sub-unit (defined in this paper for the use in the Danube River Basin District)

“means an area located on national territory consisting of

- a. a sub-basin,*
- b. a part of a sub-basin,*
- c. a group of sub-basins, or*
- d. a group of parts of sub-basins”.*

There has been an agreement between the Danube countries to use the sub-unit as the basic unit to prepare the DRBMP (see **Map 1**). These sub-units have been harmonised with those used in the ICPDR Flood Action Programme. The sub-basins are shown in one colour, e.g. green for the Tisza River Basin, the sub-units within the basin are shown in different shades of green. Groundwater bodies correspond with the borders of the sub-units.

The Danube River Basin Management Plan will consist of three parts with Part A being the roof level and the level of detail increasing from Part A down to Part C (see **Figure 1**). These three parts will have – if possible - a similar structure. The competent authorities jointly coordinate Part A. Part C is coordinated by the competent authorities on the national level.

The crucial question is: What is Part B? There are basically two possibilities. Part B can be the sub-basin – this is an interesting option particularly for larger transboundary sub-basins – or Part B can be the national level thereby making full use of the sub-unit which is based on the hydrographic boundaries and national borders. In the latter case, countries can largely coordinate WFD implementation on the national level, but must coordinate and report any transboundary issues on the bilateral level. Where appropriate this coordination can also take place on the basin wide level. Where trilateral or sub-basin agreements exist, the coordination at this level must also be included in the national reports which may not always be appropriate (e.g. in the case of large sub-basins). In both cases the information on Part C (sub-units) is an integral part of the national plans or sub-basin plans (Part B).

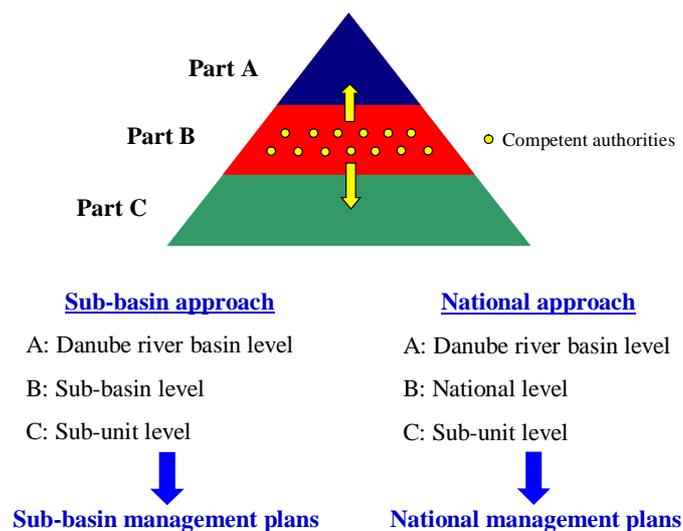


Figure 1: Two basic approaches for structuring the river basin management plan

It is up to the country to decide which approach it wants to take. For the following sub-basins the countries concerned have agreed to prepare coordinated sub-basin management plans:

Sub-basin	Coordination platform
Tisza River Basin (SK, UA, RO, HU and Serbia)	Tisza MoU
Sava River Basin (SI, HR, BA and Serbia)	Sava River Basin Commission
Prut River Basin (RO, MD and UA)	Trilateral cooperation
Danube Delta (RO and UA)	Bilateral cooperation

All national management plans and all sub-basin management plans of the planned Danube River Basin District will be listed in Chapter 8 of the DRBMP, in the register of more detailed programmes and management plans (see outline below).

The Danube River Basin Management Plan will be the Joint Programme of Measures of the ICPDR.

2.2. Basic Outline of the Danube River Basin District Management Plan (Article 13 WFD)

The outline of the Danube River Basin Management Plan will follow Annex VII WFD, called the “*Elements of the river basin management plan*”. This approach allows countries sharing several international river basins to follow the same outline in all their river basins. The Danube River Basin Management Plan will contain only a summary of these elements giving information relevant at the basin-wide level.

Table 1 shows the basic outline for the Danube River Basin Management Plan on the basin-wide level (Part A) and indicates which parts of the plan have already been prepared for the WFD Roof Report 2004 on the river basin analysis. These chapters will need updating but the core information has already been collected. Chapter 9 on public participation will need to be extended to describe the dissemination of information, public consultation measures and the results of the participation process. Chapter 4 (Monitoring networks and monitoring results), Chapter 5 (Environmental objectives and exemptions), Chapter 7 (Programme of measures) and Chapter 8 (Register of more detailed programmes or management plans) are completely new, of which the Programme of Measures will be the most comprehensive one. Chapter 10 will include all information on the international coordination arrangements in the Danube River Basin District as well as a list of the competent authorities.

This basic outline will also be used for Part B (national reports or sub-basin reports) and Part C (sub-basin reports) but will vary in the level of detail.

Table 1: Basic outline for the DRBMP (based on Annex VII WFD)

No.	Chapter title	WFD Roof Report 2004
1.	Characteristics of the Danube River Basin District	x
2.	Significant pressures and impacts from human activity	x
3.	Identification and mapping of protected areas	x
4.	Monitoring networks and monitoring results	-
5.	Environmental objectives and exemptions	-
6.	Economic analysis of water use	x
7.	Programme of measures	-
8.	Register of more detailed programmes or management plans	-
9.	Public information and consultation measures	(x)
10.	Competent authorities and international coordination arrangements	x
11.	Contact points for obtaining background documentation	x

3. Road Map for the Danube River Basin District Management Plan and the corresponding Work Plan

The present Road Map is a tool to identify the different steps towards the river basin management plan in the DRB. It is an output-oriented description of the overall process which gives details about intermediate results. The Road Map is used to plot different necessary milestones and the respective timeline. It does not define the different underlying activities in detail. Further planning can be based on an activity orientated logical framework, stating criteria to monitor the results, concrete activities, risks and underlying assumptions. This framework could be used to describe, manage and administrate the detailed activities.

For the Danube River Basin Management Plan the Road Map will consist of a guiding/explanatory text part, a corresponding Work Plan and an Operational Plan for Public Participation.

The **Work Plan** is an operational plan which includes different aspects for every WFD issue required for the development of the RBM Plan on the roof level in columns indicating the corresponding time for fulfillment. Currently, the Work Plan includes four major issues which are needed to develop the Danube RBM Plan according to WFD requirements:

- *Monitoring Networks and Programmes*
- *Programme or Programmes of Measures*
- *Compilation of all parts of the RBM Plan*
- *List of Environmental Objectives and Exemptions*

For each of these four issues '*general requirements and tasks*' have been defined to outline the main points and tasks which have to be fulfilled by a certain time (e.g. reporting tasks to the EC). These overall issues are followed by a more detailed elaboration ('*detailed requirement and tasks*') indicating necessary intermediate steps which have to be performed to reach the overall requirements. If needed, more details can be elaborated within a logical framework.

The integrated **Operational Plan for Public Participation (2005-2010)** transforms the overall strategic approach (see DOC 101 "Danube River Basin Strategy for Public Participation in River Basin District Management Planning 2003-2009") into practical activities indicating relevant timelines which are directly linked to the Road Map. The activities described in the Operational Plan should not duplicate ongoing and well-functioning ICPDR processes, but make best use of the existing ICPDR structures and mechanisms. The link between the Work Plan and Operational Plan for PP are clearly marked in both corresponding activity tables.

While the Strategic Paper for the Development of a River Basin District Management Plan is a completed guidance paper, the Road Map is a living document. The development period for the RBM Plan is 2005-2010. Tasks which have to be fulfilled/developed within the upcoming year 2006 can be defined in more detail than those for the year 2010. E.g., the current Work Plan provides detailed information on the Monitoring Networks/Programmes whereas the description of the Programme of Measures is not as specific yet. The Road Map and its integrated components will be updated once a year if necessary.

With growing knowledge and clarity the Road Map, its Work Plan and Operational Plan will be sharpened in content. Specific intermediate steps will be described in detail and enable an efficient DRBM Plan. This process demands the close cooperation and co-ordination between the different ICPDR Expert Groups and the Danube countries. The Work Plan clearly indicates which ICPDR Expert Group is responsible for the implementation of the respective issue/task. Further, the Expert Group is specified which supports the responsible ICPDR EG implementing the required tasks (see column co-operating ICPDR EG).

The development of the DRBM Plan will require – besides the existing ICPDR Expert Groups - additional input from external experts. These experts can be active within established task groups of the ICPDR. The Work Plan includes suggestions for task groups where they seem currently necessary. The adequacy of suggested task groups and the need for further ones will be openly discussed.

The text part of the Road Map will be used to outline any strategic steps, to summarise different management scenarios and draw conclusions for any/further management steps.

River Basin Management (2005-2010) within the DRB will be based on the findings from the Danube Basin Analysis 2004. Following these results, four *key water management issues* were identified which will be the basis for the preparation of the DRBM plan at roof level:

1. *organic pollution*
2. *nutrient pollution*
3. *hazardous substance pollution*
4. *hydromorphological alterations*

Investigations on the relevance of other issues within the DRB (e.g. sediment transport, thermal pollution, pollution from navigation, etc.) still have to be performed. In particular for sediment management it is intended to prepare an addendum to the Danube River Basin Analysis since this is one of the missing elements identified. The investigations for relevance are considered within the defined tasks of the Work Plan and issue papers will be drafted on specific topics.

As a guideline, the following milestones for RBM planning within the DRB are formulated for the period 2005-2010 (more details can be withdrawn from the Work Plan):

2006

- *discuss and agree on the key water management issues on the basin-wide level (based on the preparation of issue papers)*
- *thematic workshops (prepared in cooperation between EGs) on nutrients, hydromorphology and baseline scenarios. View on the development of measures (catalogue).*
- *agree on baseline and modelling scenarios (organics, nutrients, hazardous substances)*
- *develop monitoring programmes and finalise report*
- *report of time table and key water management issues to the public.*

2007

- *perform scenarios*
- *monitoring report to EC*
- *Document on Significant Water Management Issues in the DRB (first overview on content of the DRBM Plan/PoM)*
- *start of work on economic issues, environmental objectives, exemptions and intercalibration exercise (results)*

2008

- *draft RBM Plan for consultation (end of 2008) including Programme of Measures*
- *update WFD Roof Report 2004 - where relevant*

2009

- *consult with the public (e.g. Stakeholder Conference, consultation via the internet)*
- *finalise RBM Plan (including PoM) for presentation at Ministerial Meeting*

2010

- *report RBM Plan to European Commission*
- *information of public*

As mentioned above, the content of the Road Map will be refined and updated once a year if necessary. The refinement of content will result from growing knowledge on the required operational task. The discussion and work within the different ICPDR expert groups, the preparation of issue papers and other corresponding activities will strongly support the achievement of the objectives within DRBM planning.



Map 1: Sub-basins and sub-units within the DRB.

4. Work Plan for Producing the Danube River Basin District Management Plan Tasks

Issues related to WFD	Operational Task	Start	End	Responsible ICPDR EG	Co-operating ICPDR body	Remarks/Status
		of Operational Task				
1. MONITORING NETWORKS AND PROGRAMMES						
<i>GENERAL REQUIREMENTS AND TASKS</i>						
1.1. Monitoring networks and programmes are operational	a. Adaptation of monitoring networks (TNMN) to the requirements of the WFD on basin wide level.	4/2005	8/2006	MA EG	RBM EG	Based on Danube Basin Analysis 2004.
	b. Operation of biological and chemical measurements to enable the assessment of the ecological and chemical status.	12/2006		MA EG	RBM EG	This step includes the analysis of monitoring results.
1.2. Monitoring programmes designed under Article 8 WFD and undertaken for the purposes of the 1st River Basin Management Plan are reported to the European Commission (WFD, Article 15(2))	a. Complete, discuss and send reporting templates to European Commission according to EU reporting sheets including designed monitoring programmes (adapted TNMN). <i>Linked to operational Plan.</i>	8/2006	3/2007	MA EG	RBM EG	Summary of monitoring programmes for surface waters, groundwater and protected areas. Maps of monitoring network and measurements.
1.3. Assessment of monitoring results from first cycle and – as follow up activity - adaptation of networks	a. Adaptations of the TNMN network after the first monitoring year are performed where necessary.	1/2007	12/2007	MA EG	RBM EG	Based on the results of the first monitoring cycle the monitoring network is revised and adapted as follow up activity (e.g. shifting of sites).

Issues related to WFD	Operational Task	Start	End	Responsible ICPDR EG	Co-operating ICPDR body	Remarks/Status
		of Operational Task				
DETAILED REQUIREMENTS AND TASKS						
1.4. Design of monitoring programmes for surface waters	a. Revision of the TNMN: strategy development which <i>monitoring types</i> are to be applied on Danube basin wide scale (surveillance, operational and/or investigative monitoring).	4/2005	12/2006 (8/2006)	MA EG	RBM EG	The revision needs to be finalised at the end of 2006 to enable the monitoring network to be operational at the end of 2006.
	b. Revision of the TNMN: design of <i>ecological monitoring</i> including all WFD biological quality elements if surveillance monitoring is applied. In case of operational or investigative monitoring selection of relevant biological quality elements. WFD assessment methods have to be defined. The role of the assessment/monitoring related to <i>hydromorphological characteristics</i> has to be clarified.	4/2005	12/2006 (8/2006)	MA EG	RBM EG	Decision on measurement location, time, frequency and parameters have to be met. The discussion of assessing/monitoring hydromorphological features should be performed within the planned workshop on monitoring knowledge exchange between Danube countries (1/2006, see below).
	c. Revision of the TNMN: design of <i>chemical monitoring</i> including all relevant parameters. Decision on parameters within surveillance, operative and/or investigative monitoring.	4/2005	12/2006 (8/2006)	MA EG	RBM EG	Decision on measurement location, time, frequency and parameters have to be met.

Issues related to WFD	Operational Task	Start	End	Responsible ICPDR EG	Co-operating ICPDR body	Remarks/Status
		of Operational Task				
	d. ICPDR workshop on TNMN adaptation and to exchange knowledge between Danube countries related to the development of monitoring networks on the sub-basin, national and sub-unit scale.	First half of 2006		MA EG	RBM EG	The workshop's content is based on the experience gained during the revision of the TNMN and on international expertise on designing WFD monitoring networks. It shall contribute to the development of the new TNMN and to monitoring networks within the DRB on the more detailed scale (e.g. national level).
1.5. Design of monitoring programmes for groundwater	a. Design of monitoring network for relevant transboundary groundwater bodies to assess qualitative/quantitative status respecting analysed data gaps of the Roof Report 2004.	4/2005	12/2006 (8/2006)	MA EG	RBM EG	Decision on measurement location, time, frequency and parameters have to be met.
1.6. Design of monitoring programmes for protected areas	a. Design of monitoring network for transboundary protected areas.		12/2006 (8/2006)	MA EG	RBM EG	The design of monitoring programmes for protected areas may differ from the other ones and therefore need specific discussion/planning. Decision on measurement location, time, frequency and parameters have to be met.

Issues related to WFD	Operational Task	Start	End	Responsible ICPDR EG	Co-operating ICPDR body	Remarks/Status
		of Operational Task				
2. PROGRAMME OR PROGRAMMES OF MEASURE						
GENERAL REQUIREMENTS AND TASKS						
2.1. Development of Programme or Programmes of Measures (PoM) according to WFD Article 11 are summarised	a. Document on Significant Water Management Issues: This document will be provided to the public and gives a first overview on the content of the DRBM Plan/PoM.	end/2006	12/2007	RBM EG	PM EG MA EG	If specific knowledge on the need for measures is already available from the Roof Report 2004 the development of the PoM can already start before the first monitoring results. For the development of other measures the monitoring results have to be available.
	b. As part of the draft Danube River Basin Management Plan the draft PoM on basin wide scale will be included. Publication and consultation on the draft (appr. 6 months).	2007	12/2008	RBM EG	PM EG MA EG	
	c. As part of the final draft River Basin Management Plan the final draft PoM is developed on basin wide level. This draft will be agreed upon at the ICPDR Ordinary Meeting December 2009.	06/2009	12/2009	RBM EG with contribution of all other ICPDR EGs		
	d. Reporting of the final programme or programmes of measures (PoM) as part of the DRBM Plan to the EC.		03/2010	RBM EG with contribution of all other ICPDR EGs		

Issues related to WFD	Operational Task	Start	End	Responsible ICPDR EG	Co-operating ICPDR body	Remarks/Status
		of Operational Task				
DETAILED REQUIREMENTS AND TASKS						
2.2. Preparation of fundamentals to create the PoM according to WFD		4/2005	12/2009	RBM EG	PM EG MA EG	
2.2.1. IDENTIFICATION OF KEY MANAGEMENT ISSUES ON DANUBE BASIN WIDE SCALE:						
This step is the basis for creating the DRBM Plan/PoM and focuses on the main identified significant pressures and impacts which put water bodies at risk or possibly at risk for failing the WFD objectives. Therefore, available information is analysed in such a way to enable the start of a PoM.						
2.2.1.1. Identification of key water management issues on Danube basin wide scale based on the information provided by the <i>Danube Basin Analysis 2004</i> in order to enable the DRBM Plan/PoM.	a. Identify pollution and hydromorphological key management issues according to the Danube Basin Analysis 2004. They are based on identified significant pressures which put water bodies at risk or possibly at risk to fail the WFD environmental objectives. Relevant PoM needs to be designed.	4/2005	1/2006	RBM EG	PM EG	The following four key management issues have been identified according to the Danube Basin Analysis 2004: <ul style="list-style-type: none"> ○ organic pollution ○ nutrient pollution ○ hazardous pollution and ○ hydromorphological alterations. The impact scale of different pressures has to be respected.

Issues related to WFD	Operational Task	Start	End	Responsible ICPDR EG	Co-operating ICPDR body	Remarks/Status
		of Operational Task				
2.2.1.2. Identification of further water management issues on Danube basin wide scale based on the information provided by the <i>national reports or other sources</i> in order to enable the PoM. These issues and the respective management approach will be already included in the interim overview on Significant Water Management Issues.	a. Investigate on other pollution and hydromorphological management issues and assess their relevance as key water management issue on basin wide scale.	4/2005	period 6/2006 to 12/2006	RBM EG	PM EG MA EG	Currently, sediment transport has been identified as a potential management issue by the RBM EG. Further investigations have been performed and a respective issue paper has been drafted, which will serve as basis for an addendum to the Roof Report 2004.
2.2.1.3 Identification of further management issues on Danube basin wide scale based on the information provided by the <i>results of the first cycle of the WFD compliant monitoring network</i> in order to enable the PoM	a. Evaluation of first monitoring results for development of Programme of Measures.	12/2007	3/2008	MA EG	PM EG RBM EG	These steps refine the information achieved from the points above and/or delivers further as well as new information on pressures and their impacts. The PoM could also be refined based on this information.
	b. Update of ecological and chemical status according to the results of the first monitoring programme.	3/2008	12/2008	MA EG	PM E RBM EG	
	c. Comparison of acquired data of the first monitoring year with Danube Basin Analysis 2004.	3/2008	12/2008	PM EG	MA EG RBM EG	
	d. Input of new information. Validation of pressure/impact analysis.	10/2008	12/2008	PM EG	RBM EG	

Issues related to WFD	Operational Task	Start	End	Responsible ICPDR EG	Co-operating ICPDR body	Remarks/Status
		of Operational Task				
2.2.2. MANAGEMENT OF KEY ISSUES AND PRESSURES RELATED TO PoM						
	a. Drafting of an issue paper on the overall strategy related to DRBM planning, PoM and hydromorphological alterations.	1/2006	6/2007	RBM EG	PM EG MA EG	The RBM EG together with the ICPDR PS drafted an issue paper on the overall strategy related to the development of the DRBM Plan, PoM and hydromorphological alterations. A summary of the issue paper will be presented at the 9 th Ordinary Meeting.
	b. Drafting of separate issue papers on the overall strategy related to DRBM planning, PoM and the other three key water management issues (organic pollution, nutrient pollution, hazardous substances)	1/2006	6/2007	Organic and nutrient pollution: PM EG Hazardous substances: MA EG & PM EG	RBM EG	These issue papers should use the same structure as the issue paper on hydromorphological alterations to enable a common/harmonised approach. A summary of all issue papers will be presented at the 9 th Ordinary Meeting.
	c. Workshop: <i>DRBM planning and hydromorphological alterations</i> (pressures/impacts, PoM, HMWB, etc.).	07/ 2006 Note: The workshop took place in Neusiedl/See (AT), 11-12 July 2006		RBM EG	MA EG PM EG	The workshop was based on the issue paper <i>Hydromorphological Alterations in the DRB</i> . The programme respected all associated aspects and involved stakeholder groups.

Issues related to WFD	Operational Task	Start	End	Responsible ICPDR EG	Co-operating ICPDR body	Remarks/Status
		of Operational Task				
	d. Workshop: <i>DRBM planning and nutrient pollution</i> (pressures/impacts, PoM, etc.).	If needed: organisation during 2007		PM EG	RBM EG MA EG	The workshop should focus on nutrient pollution, corresponding pressures/impacts and the strategy related to DRBM planning/ PoM. Baseline scenarios will be discussed. Involvement of stakeholder groups.
	e. Workshop: <i>Development/synthesis of baseline scenarios.</i>	If needed: organisation during 2007		RBM	PM EG MA EG	This workshop should be based on the outputs related to baseline scenarios of the above two workshops (hydromorphology and nutrient pollution) and should focus on a synthesis.
	f. Workshop: <i>DRBM planning and hazardous substances pollution</i>	If needed: organisation during 2007		PM EG	RBM EG MA EG	This workshop should be organised after the availability of the respective EU Directive and more data in the DRB on hazardous substances. Involvement of stakeholder groups.

Issues related to WFD	Operational Task	Start	End	Responsible ICPDR EG	Co-operating ICPDR body	Remarks/Status
		of Operational Task				
2.2.3. LIST OF POTENTIAL MEASURES						
	a. Based on the gained information from the above steps a provisional list of potential measures is compiled.		12/2006			A provisional list of deliverables/measures in the DRB should be available at the end of 2006. Summaries will be presented at the 9 th OM.
2.2.4. PUBLICATION OF AN INTERIM OVERVIEW OF SIGNIFICANT WATER MANAGEMENT ISSUES (WFD ARTICLE 14)						
	a. The document on Significant Water Management Issues (SWMI) will be made available for the public.		12/2007	RBM EG	Consultation of all ICPDR EGs	The document will provide a first overview on the content of the DRBM Plan and e.g. will include the deliverables of each issue paper. A draft table of contents will be presented at the 9 th OM. This step is part of the public participation and consultation process. <i>Linked to Operational Plan</i>
	b. In addition to drafting the document on SWMIs, the data collection/template distribution for the development of the DRBM Plan/PoM will start.	2007	10/2008			The collection of respective data will be based on a stepwise approach. The RBM EG will discuss a proposal on the timeline regarding data collection/template distribution at its first meeting in 2007.

Issues related to WFD	Operational Task	Start	End	Responsible ICPDR EG	Co-operating ICPDR body	Remarks/Status
		of Operational Task				
2.2.5 ECONOMIC ANALYSIS WITHIN THE PoM						
	a. Workshop: <i>WFD & Economics</i>	first half of 2007		RBM EG	PM EG	10/2006 a small group of economy experts already discussed the needed objectives in the DRB and a potential workshop programme.
	b. More detailed baseline scenario on basin wide level.	2006	end 2007	RBM EG Economics TASK GROUP	PM EG	Definition of scale within Cost-effectiveness analysis.
	c. Update of economic data.	2006	2007	RBM EG Economics TASK GROUP	PM EG	The update should include: financial cost, cost to the wider economy and society, environmental cost, resources cost
	d. Cost-benefit analysis to compare the economic efficiency implications of alternative measures.	2006	2007/2008	RBM EG Economics TASK GROUP	PM EG	This topic will be considered within each issue paper and addressed for the respective measures.
	e. Cost-effectiveness analysis to find the best alternative measures to achieve a desired result.	2006	2007/2008	RBM EG Economics TASK GROUP	PM EG	This topic will be considered within each issue paper and addressed for the respective measures.
	f. Cost-recovery	2006	2007/2008	RBM EG Economics TASK GROUP	PM EG	

Issues related to WFD	Operational Task	Start	End	Responsible ICPDR EG	Co-operating ICPDR body	Remarks/Status
		of Operational Task				
	g. Multi-step evaluation process in reaching 2015 objectives. Possibilities of exemptions, for disproportionate costs		2008/2009	RBM EG Economics TASK GROUP	PM EG	
	h. Selecting the most-effective combination of measures in line with Art.11.		2008/2009	RBM EG Economics TASK GROUP	PM EG	
2.2.6	SIGNIFICANT WATER MANAGEMENT ISSUES - publication of the document 12/2007 First outline of DRBM Plan's content (<i>Linked to Operational Plan</i>)					
2.2.7	DRAFT PROGRAMME OF MEASURES to be integrated into the Draft River Basin Management Plan by 12/2008 (<i>Linked to Operational Plan</i>)					
2.2.8	FINAL PROGRAMME OF MEASURES to be integrated into the River Basin Management Plan by 12/2009 All requirements of WFD Annex VII (7.1 – 7.6) have to be fulfilled. <i>Linked to Operational Plan.</i>					

Issues related to WFD	Operational Task	Start	End	Responsible ICPDR EG	Co-operating ICPDR body	Remarks/Status
		of Operational Task				
3. COMPILATION OF ALL PARTS OF THE RIVER BASIN MANAGEMENT PLAN						
3.1. Establishment of a strategy and work programme for the RBM Plan within the DRB.		07/2005	12/2005	RBM EG	Consultation of all ICPDR EGs	Development of a Road Map/Work Plan/Operational Plan to define frame for DRBM planning between 2005-2010.
3.2.Document on Significant Water Management Issues	a. First overview on the content of the DRBM Plan/PoM.		12/2007	RBM EG	Consultation of all ICPDR EGs	The RBM EG will discuss at its first meeting in 2007 when to start the DRBM Plan/PoM data collection and template distribution. The process will probably start during 2007 and will be performed step-by-step.
3.3.Draft of the River Basin Management Plan	a. Compilation of all existing parts in one RBM Plan. Publication and consultation on the draft of DRBM Plan (at least 6 months)		12/2008	RBM EG	Consultation of all ICPDR EGs	This step is part of the public participation and consultation process. <i>Linked to Operational Plan.</i>
3.4.Final Draft of the River Basin Management Plan	b. Agreement on the developed DRBM Plan at the ICPDR's Ordinary Meeting		12/2009	RBM EG	Consultation of all ICPDR EGs	
3.5.Final River Basin Management Plan	c. Publication of RBM Plan and report to EC		03/2010	RBM EG	Consultation of all ICPDR EGs	All required parts of the RBM plan are reported to EC including all maps. <i>Linked to Operational Plan.</i>

Issues related to WFD	Operational Task	Start	End	Responsible ICPDR EG	Co-operating ICPDR body	Remarks/Status
		of Operational Task				
4. LIST OF ENVIRONMENTAL OBJECTIVES AND EXEMPTIONS						
4.1. Description of procedure related to the application of exemptions	a. Meeting the requirement for no further deterioration	2005	2008	RBM EG TASK GROUP	Consultation of all ICPDR EGs	These issues are part within the process of developing the RBM Plan. Initiation of workshops and task groups.
	b. Overall regulations concerning exemptions including related issues on HMWB	2005	2008	RBM EG TASK GROUP	Consultation of all ICPDR EGs	Link to PoM and issue of cost efficiency/proportionality.

5. Operational Plan to ensure public participation in implementing the EU Water Framework Directive on the basin-wide level

Background

The document ICPDR Operational Plan (2006-2010) to ensure Public Participation in implementing the EU Water Framework Directive on a basin-wide level (short Operational Plan) is based on the “Danube River Basin Strategy for Public Participation in River Basin Management Planning”, but goes further beyond in the sense that it brings the strategic approach into practical activities ready for implementation.

The Operational Plan follows the timeframe of the WFD and is directly linked to the “Road Map for producing the DRBMP 2005 to 2010” (ICWD 110). Despite the efforts to finalise the Operational Plan, there should be the possibility to amend and complement the document whenever needed to ensure the successful implementation of the EU Water Framework Directive regarding public participation activities. This document is developed under the guidance and in close consultation with the RMB EG.

The activities described in the Operational Plan should not duplicate ongoing and well-functioning ICPDR processes, but make best use of the existing ICPDR structures and mechanisms. Proposed activities with policy or financial implications for the ICPDR must be approved in advance by the ICPDR.

An in-depth analysis of the ICPDR public participation approach (focusing on ICPDR observer ship provisions) carried out in 2004 by the UNDP/GEF Danube Regional Project revealed that the active involvement of stakeholders is well developed and practiced.

However, based on the suggestions of the analysis, the ICPDR reviewed its existing guidelines to make them even simpler and clearer and in December the “Guidelines for Participants with Consultative Status and for Observers to the ICPDR (ICWD 110)” have been approved.

Based on these guidelines the ICPDR invites stakeholders to be actively involved in the implementation of the EU Water Framework Directive on the basin wide level by participating in the ICPDR expert bodies (Expert Working Groups, Task Groups as well as workshops).

Taking into account the results of the 1st Danube Stakeholder Conference (28-29 June 2005), and the feedback on the findings of the Danube Analysis Report 2004 (Roof Report 2004), the ICPDR will further actively contact stakeholder and encourage their participation in the relevant expert bodies.

Activities

Activity on behalf of the ICPDR	Type of PP	Tentative timeframe
(a) Active invitation of stakeholders to participate as accredited observer at the work of the ICPDR expert bodies and workshops (as requested by the respective expert body).	Active participation	Ongoing
(b) 1st Danube Stakeholder Conference to discuss the findings of the Danube Analysis Report 2004 , encourage written feedback on the findings.	Consultation	June 2005
(c – ad 2.2.1 of the Work Plan¹) Reflect the feedback received by the stakeholder on the findings of the Danube Analysis Report 2004. Provide written feedback to the stakeholders.	Consultation	01/2006
(d – ad 3.1 of the Work Plan) Publish the Road map for Producing the Danube River Basin Management Plan 2005 to 2009 (ICWD 110)	Information	01/2006
(e) Publish the summary version the Danube Analysis Report 2004 in Danube languages as required; on ICPDR website, and as printed documents.	Information	03/2006
(f) Organise the basin-wide Danube Day 2006 (29 June) to specially promote the joint efforts of the Danube Countries to develop sustainable water management; outreach programme (cooperation with interest groups, such as DEF, WWF, GWP) <u>suggested themes:</u> 2006 – living space (focus on fish) 2007 – culture & people 2008 – water uses (drinking water)	Information	29 June every year
(g– ad 1. of the Work Plan) Publish the revised monitoring network /programme (surface, groundwater and protected areas)	Information	Beginning 2007
(h – ad 2. of the Work Plan) Regular information to and at a later stage also consultation with the public on the work status towards the Programme of Measures	Consultation	From 2006 onwards
(i – ad 2.2.4. of the Work Plan) Publish interim overview of significant water management issues; encourage feedback	Consultation	12/2007
(j – ad 2.2.6 of the Work Plan) Publish the draft River	Consultation	12/2008

¹ The numbers refer to the activities listed in Chapter 4 ‘Work Plan for producing the DRBDM Plan’.

