

Condition for success 1 – Good Governance

Synthesis report - Target 3

“Basin Management Plans as Instruments for Water Governance”

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Increase by 30% the number of river basin management plans by 2021

This report has been prepared by the CS1 Target and Solution Group 3 which is coordinated by OIEAU. It was drafted by Daniel Valensuela (d.valensuela@oieau.fr) and benefited of the feedback from several contributors including the CS1 coordinator

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Condition of Success 1 – Target 3: Basin Management Plans as instruments for water governance

I. Introduction:

The global objective of the target 3 is to **“increase by 30% the number of river basin management plans”** in the world, with a tentative deadline in 2021.

To reach this objective, the idea is to identify and analyse the best practices that have been developed by some basin organisations or bodies working at basin level.

Indeed, around the world, several existing basin organisations – whatever their form- have already experimented the multi year basin management plan approach.

Based on selected case studies presented, the session will be the place for thinking on the solutions used with success or with difficulties, by basin structures for developing and implementing Water Management Plan in the context of national or transboundary basins.

A set of conditions and solutions for the working out, the implementation and the evaluation of the management plans will come up from the debate among the participants of the session.

In particular, solutions would address the different phases of the management plan development: initial status analysis, gap analysis, studies and forecasting, issues and stakes prioritisation, objective definition, action plan development, stakeholder participation along the process, civil society consultation, monitoring, updating, and evaluation of outcomes, based on performance indicators.

In the previous World Water Forums, namely in Istanbul, Mexico and Kyoto, the topic of basin management plan has been addressed mainly by presenting case studies. From those Forums and other conferences, we have got a set of recommendations related to the capacity for developing strategy and plan, the need of involvement of stakeholders and civil society in the planning process, the need of baseline to start the thinking on strategy and plan, the obligation to collect data in an efficient information system, the need solid basin organisations with clear mandate from public authority. In addition one key recommendation is about the development of IWRM in the context of river, lake and aquifer basins. Among various documents, the « Handbook on IWRM at basin level » provides the key recommendations on Basin Organisation development, including the basin management planning.

The key point is now to go further recommendations and to clearly identify the concrete solutions to implement any valuable recommendation.

II. Background and rationale

To be effective and efficient, the water management, at transboundary or at national level, has to be based on long-term management plans, prepared and implemented by the relevant basin organization.

Indeed, the management plans or master plans define the medium and long-term strategy and the objectives to be achieved within the basin, according to the priority issues identified through an initial status analysis about water quality, water quantity, various uses and activities impacting water resources in quantity and/or quality, and the forecasting of all elements affecting water resources such as population growing and migrating, urbanization development, land uses, industrialization, deforestation ...).

It has to be based on basin units with specific basin institutions (basin organization, basin bodies) in charge of the water management.

In addition, the management plan is one way for making concrete, on the one hand the stakeholder participation at a relevant / efficient scale, and on the other hand, the civil society involvement, in order to reflect the real needs of all stakeholders and population within the basin. At transboundary scale, management plans and programmes of measures can play an important role in successful cooperation among riparian countries.

Basin management plan process is also a way for looking for a better integration among water management itself and land use management according to the effects of it on water resources.

Therefore, the development of long-term management plans or master plans at the basin or aquifer system level has to be highly encouraged, in particular by using the relevant experiences around the world on this matter.

The multiyear management plan should be completed by a concrete action program or measure program, a monitoring system, a mechanism for measuring the achievements of actions, and a set of key performance indicators (water management, governance, etc.).

The key questions about the basin management plan for which “solutions” have to be clearly developed are :

1. Base line and initial status: which kind of tools can be used? (Information system, data base, ...) How to deal with this question with weak data system?
2. Forecasting approach: Which tools available (modelling tools) , which kind of forecasting are needed?
3. Methodology for the elaboration: which type of organisation has to be developed (steering committee, thematic working groups, sub-basin working groups)? Institutional support? Link with basin Strategy, mechanisms for civil society involvement, stakeholder participation, mechanisms for approval, validation, mechanisms for communication? Existing guidelines about the process?
4. How to fill the gap in capacity (pre condition of capacity building and expertise) for development and implementation of Management Plan?
5. Monitoring, indicators of progress: tools and mechanisms to put in place?
6. Financing the management plan process
7. Financing the activities developed in the plan.

III. Target action plan and commitments

The reflection started mainly with the January 2011 WWF 2nd stakeholders' meeting in Paris. This target was initially put in the theme 1.5 (Cooperation and peace) but it was decided to develop the target in the framework of the CS1 (governance) as it is related to water governance instruments.

After the target description note and action plan designed in June 2011, a general communication was done, by the WWF6 website and through the INBO network to collect relevant initiatives on the topic.

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Target action plan

	<u>IMPLEMENTATION OF THE TARGET</u> Expected results & Indicators of Success	<u>PRACTICAL STEPS</u> Activities to be done/	<u>RESPONSIBLE PARTIES</u>		<u>KEY-REQUIREMENTS/ASUMPTIONS</u>	<u>ESTIMATED BUDGET</u> (1k€, 10k€, 100k€, 1m€, 1b€) & potential sources of funding
			Lead institution	Main partners		
<u>Milestone 1:</u> Mutual understanding of the basin management plan or master plan and the target						
August 2011	<ul style="list-style-type: none">- TSG: identification of potential new partners (in addition to current list)- Finalise the target (2021, and 30% is it relevant?)- Improvement and validation of the Action Plan- Management plan concept : what it is, what it should contain, what are the various phases ...- Main documentation about Management Plan identified, collected and posted on dedicated website	<ul style="list-style-type: none">- Exchange among the TSG member on Target, Action Plan- Exchange of information about basin management plan, master plan, programme of measures and monitoring programme, conditions of success- Collective thinking about the conditions for success of management plan development / implementation- Documentation Inventory	INBO	TSG members, INBO Regions Basin organisations International commissions		

	<u>IMPLEMENTATION OF THE TARGET</u> Expected results / Indicators of Success	<u>PRACTICAL STEPS</u> Activities to be done/	<u>RESPONSIBLE PARTIES</u>		<u>KEY-REQUIREMENTS/ASUMPTIONS</u>	<u>ESTIMATED BUDGET</u> (1k€, 10k€, 100k€, 1m€, 1b€) & potential sources of funding
			Lead institution	Main partners		
<u>Milestone 2:</u> By 2012, identification of the relevant solutions for developing Basin Management Plans / Master Plans						
August 2011	<ul style="list-style-type: none">- Framework for collecting the case studies on experience of Management Plan: production of an explanatory note to be posted on the web site and sent to the relevant basin organisations	<ul style="list-style-type: none">- Preparation of the framework note in July- First list of basin organisations and other structure to be contacted	INBO	TSG members INBO Networks		
October 2011	<ul style="list-style-type: none">- Case studies, relevant experiences for identification of concrete or innovative solutions collected : about basin management plans, master plans, action programmes, management plan monitoring, performance indicators, evaluation ...	<ul style="list-style-type: none">- Collect case studies thanks to networks, relationships, documents- Involve the regional networks (INBO, GWP, ...) for facilitating dissemination of information and collect of case studies	INBO	Existing regional and global networks to implement the collect		

	<u>IMPLEMENTATION OF THE TARGET</u> Expected results / Indicators of Success	<u>PRACTICAL STEPS</u> Activities to be done/	<u>RESPONSIBLE PARTIES</u>		<u>KEY-REQUIREMENTS/ASUMPTIONS</u>	<u>ESTIMATED BUDGET</u> (1k€, 10k€, 100k€, 1m€, 1b€) & potential sources of funding
			Lead institution	Main partners		
November 2011	<ul style="list-style-type: none"> - Evaluation of case studies, experiences and best practices by an ad hoc working group of diverse partners: INBO, GEF, Basin Organisations, donors - Identification of Solutions from the analysis of the relevant case studies 	<ul style="list-style-type: none"> - Analysis of the case studies for relevance, prioritization, usefulness (for session or for document ...) - Analysis of eventual connections with other themes / regional process and decision on the responsibility during the forum - From case studies, generate the practical solutions that would be the base for developing management plans by basin organisations: addressing different management plan development / implementation phases 	INBO	TSG members Working group of diverse partners such as INBO, GEF, BO		

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			Lead institution	Main partners		
January 2012	<ul style="list-style-type: none"> - Design Forum Target session - Design draft of action plan for the period 2012 – 2021 	<ul style="list-style-type: none"> - Format, speakers, chairs, links with side events, documentation - Target Action plan (2012 – 2021) prepared by the TSG members 	INBO	TSG members		

	<u>IMPLEMENTATION OF THE TARGET</u> Expected results / Indicators of Success	<u>PRACTICAL STEPS</u> Activities to be done/	<u>RESPONSIBLE PARTIES</u>		<u>KEY- REQUIREMENTS/ ASUMPTIONS</u>	<u>ESTIMATED BUDGET</u> (1k€, 10k€, 100k€, 1m€, 1b€) & potential sources of funding
			Lead institution	Main partners		
WWF 6	<ul style="list-style-type: none"> - Target session - Solutions identified - Target action plan approved - Commitment of organization for implementing the Target Action Plan - Donor Commitments 	<ul style="list-style-type: none"> - Presentation of solutions for feeding debate in session - Presentation and discussion on the target action plan draft; in particular, it defines how to support the basin organisations for developing management plans and using the identified solutions (guideline, capacity building, expertise, institutional support ...). - Organisation of the action plan monitoring and reporting - First commitments from donors to support the action plan - First commitments from countries and/or Basin Organizations to launch management plan development process - After the Forum, dissemination of the outcomes (solution book, target action plan) 	INBO	TSG members Basin organizations Donors		

	<u>IMPLEMENTATION OF THE TARGET</u> Expected results / Indicators of Success	<u>PRACTICAL STEPS</u> Activities to be done/	<u>RESPONSIBLE PARTIES</u>		<u>KEY- REQUIREMENTS/ ASUMPTIONS</u>	<u>ESTIMATED BUDGET</u> (1k€, 10k€, 100k€, 1m€, 1b€) & potential sources of funding
			Lead institution	Main partners		
<u>Milestone 3:</u> By 2021, By 2021, increase by 30% the number of river basin management plans						
2012	<ul style="list-style-type: none">- Finalization of the action plan- Financial support is identified	<ul style="list-style-type: none">- Communication on the action plan-	INBO	INBO- Regions Basin organizations, Countries		
2013 – 2021	Implementation of the action plan	<ul style="list-style-type: none">- Following up, monitoring, evaluation	INBO	INBO – Regions Basin organizations Countries		
TOTAL						€

Throughout October 2011, around ten proposals were made but unfortunately, not all were followed by template writing.

To date, end of January, 16 solution proposals with templates have been collected.

An exchange on the proposals has been developed during December and January 2012 among the participants (TS Group) to improve the proposals (based on an analysis of the solutions), in relation with the key questions to be addressed, and to contribute to the session design based on the proposals defined below.

At this stage, any commitment has been identified yet, as commitment to develop basin management plans is depending on political decision-making. However, a commitment from some countries and Basin Organizations could come from the initiative of the Pact for a better basin management (draft available on the INBO website), which should be signed on Friday 16 March, and in which the management plan issue is addressed.

In view of the development of integrated water resources management at basin level to meet the challenges of the planet, this Pact is namely calling the national governments to support the process of integrated water resources management based on basins in each country and region, and to elaborate, through a transparent and concerted process, management plans, Basin Master Plans, in order to define objectives to be achieved in the medium and long terms within the basin.

The online Platform of Solutions will be used for disseminating the “solutions” related to basin management plan development.

The water framework Directive of EU is already identified as a general framework which can be used as general solution anywhere for developing Basin Management Plan. The recent water governance report from OECD has in particular showed that the EU WFD has played an important role in improving water governance in 27 countries, based on basin management. Among the framework, basin management plans and measure programs are developed.

IV. Solutions

Case studies:

The following cases study list includes only those which are related to the CS1 T3 topic, as in the forum secretariat website, there are several proposals that should be transferred towards other targets.

Area	Basin	Topic	Partners
Burkina Faso	Nakanbé Basin	Pilot project for developing IWRM plan at basin level with stakeholder participation	Nakanbé Basin Authority Basin agency Loire Bretagne
South Africa	Breede-Overberg Basin	Process with the in the Western Cape of South Africa to develop a Catchment Management Strategy. Strategy developed to address social, economic and environmental considerations in the setting of a water-stressed catchment. The process involved visioning and strategic planning by the leadership, as well as extensive stakeholder engagement and input.	Breede Overberg Catchment Management Agency Pegasys Strategy
Mekong	Mekong basin	Three recent initiatives providing a type of regional understanding related to basin planning	MRC
UK	Tweed basin	Basin management Planning based on the Tweed Forum and catchment approach Aspects of governance in river basin management	UNESCO IHP-HELP Centre for Water Law, Policy and Science, University of Dundee
Morocco	Arghane Basin	Experience in Souss Massa Drâa region, Morocco, driven by Souss Massa and Drâa hydraulic basin Agency Development of Master Plan and IWRM in the bassin of Arghane - Province of Taroudant	Souss Massa Region Basin Agency Souss Massa Mediterranean Corse Basin agency
Morocco	PDAIRE	Basin master Plan for integrated water resource management in Morocco	individual
Peru	Systemic Conservation Planning	Planning development based on cost/benefit approach including the environmental costs and benefits	WWF Peru
France	Levelin Basin Plan	Public participation in water management at small basin scale: how to associate and support the participation of public during the RBM planning process, how to collect civil society opinion?	Loire Bretagne Basin Agency
Brazil	Rio Doce Basin	Good governance for implementation of water-resources plans in the case of the Rio Doce river basin Prepared by the National Water Agency of Brazil (ANA) to attend key priority "Good Governance"	ANA

Mali Guinea	Up Niger Basin	Development of INWRM Plan in Up Niger basin (GIRENS) Transboundary plan between Mali and Guinea, concerning Niger up to Mopti too implement the protection and restoration measures with socio-economic development measures Use of a specific tool : GIRE-DecidAid	The NL Royal Hasconing
Swaziland, South Africa and Mozambique The Nederlands	Incomati Vecht	Knowledge Exchange between two basins on how to contribute to efficient transboundary river basin management from a regional perspective. Bottom-up approach and a new theory on cooperative and institutional aspects of international water management are used to make progress. About the bottom-up approach: the focus in this partnership really lies on how the regional water management organizations concerned can contribute to efficient transboundary river basin management in the Incomati and the Vecht basins. The theory being used is called the Crossing Borders Theory and was developed in close cooperation with the faculty of Management & Governance of the University of Twente in The Netherlands	REMCO (River and Environment Management Cooperation) Incomati/Vecht partnership
Taiwan / Japan		IWRM experiences in Taiwan and Japan to address flood problems	Water Resource Agency Taiwan
West Africa / Niger	Niger Basin Authority	Wide Basin Management plan process example, including invests planning	NBA
Turkey		River basin protection action plans developed in 4 basins in Turkey , following the WFD approach	Ministry Water Resource
USA	Colorado River Committee	Inter-basin Compact Committee in a process of facilitating dialogue among stakeholders in Colorado basin and how to use the collective inputs and a collaborative decision making process	
Norway	Morsa Basin	Development of basin action plan in a small river by involving municipalities up and down stream, to address the water quality	Morsa Organisation

The selection of the solutions to be presented in the panel session has been done with the following criteria:

- quality of solution and accordance with the topic: Basin Management Plan
- geographical balance
- reproducibility of the case in other context
- skill of potential speaker
- organization/ body supporting the solution.

V. Recommendations for follow-up post 2012

It is expected during the forum and the momentum created at this stage (say March to June 2012) to identify the countries and the transboundary basins where there is willingness to develop LT management Plan.

According to the involvement of the donors for supporting such action, proposals should be done to support the process in those transboundary basins and countries (for national basins).

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VI. Session Outline

Part 1:

Reference number	CS1.3
Target(s)/PFA/CS/Region	By 2021, increase by 30% the number of river basin management plans (analysis of initial status and main issues)
Session title	Basin Management Plan as Instrument for Water Governance
Session teaser/description	<p>To be effective and efficient, the water management, at transboundary or at national level, has to be based on long-term management plans, prepared and implemented by the relevant basin organizations.</p> <p>The session will identify and analyse the conditions and the solutions for the elaboration, the implementation and the evaluation of the management plans.</p> <p>Based on relevant case studies, the debate with all participants will address the different phases of the management plan development: initial status analysis, gap analysis, studies and forecasting, issues and stakes prioritisation, objective definition, action plan development, stakeholder participation along the process, civil society consultation, monitoring, updating, and evaluation of outcomes, based on performance indicators.</p>
Duration	2 hours
Contact details of the Coordinator(s) convening the session	<p>Daniel Valensuela</p> <p>d.valensuela@oieau.fr</p> <p>inbo@inbo-news.org</p>

Objectives and outputs	<u>General objectives of the session</u> - enhance the topic of Basin Management plan - clear vision on the solutions for developing basin management plan	<u>Expected outputs</u> - finalise target action plan for 2012 – 2021	
Format/Logistics request <i>(please note that room settings that are not standard cinema seating reduce the overall number of seats available in the room)</i>	<u>Estimated number of seats needed</u> <input checked="" type="checkbox"/> X Less than 400 <input type="checkbox"/> 400-800	<u>Preferred room set-up</u> <i>(not guaranteed by the IFC)</i> <input type="checkbox"/> Oval/Square seating <input type="checkbox"/> Roundtable seating <input checked="" type="checkbox"/> X Standard cinema seating	<u>All rooms will be equipped with:</u> - a computer - a video projector - a screen - 2 microphones - simultaneous translation in French and English
Extra requirements for innovative sessions (professional facilitation, additional technical requirements, etc)			

Part 2:

Session plan detailing its schedule	Time	Descriptions of items/presentations	Speakers
	5 mn	Opening and welcoming speech	Chair: Ould MERZOUG, High Officer of OMVS
	10 mn	Key note: Key questions related to the place of basin approach inside water governance, and basin management planning as tool for water governance	Key note speaker: Michel STEIN, Loire Bretagne Basin Agency
	1 st Roundtable		
	30 mn	Base line, initial status and forecasting : the data needs 1 moderator 5 panellists Each panellist address in 5 mn one key issue related to the base line, initial status, forecasting processes in the basin management planning approach	Moderator: Mrs Marie-Claude Leclerc, ROBVQ Panellists: <ul style="list-style-type: none"> • Robert Desouassi , Niger Basin Authority • Mrs Nermin Çiçek, MWR Turkey • Dr. Lai, Vietnam • Dr Lifeng Li, WWF • Sagit Ibatullin, IFAS
	25 mn	Interactive debate with participants	
	2 nd Roundtable		
	30 mn	Process of elaboration of Management plan: method, capacity, tools, monitoring, financing, participation 1 moderator 5 panellists	Moderator: Mr Markovitch EPTB Panellists: <ul style="list-style-type: none"> • Millogo Dibi, Nakanbé Basin Authority • Souss Massa Region Basin Agency Souss Massa

		Each panellist address in 5 mn one key issue related to the base line, initial status, forecasting processes in the basin management planning approach	<ul style="list-style-type: none"> • Mariana Jardim, ANA Brazil • Christophe Spray, Tweed Forum • Felix Sepp, MRC
	25 mn	Interactive debate with participants	
	10 mn	Conclusions Closing	Reporter
Targeted audience in view of commitments	Basin organisations, Bodies involved in water management at basin level		
Other Information			

VII. List of contributors

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Condition for Success 1 – Target 3: Basin Management Plans as instruments for water governance

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