

BASELINE 1

Network of Asian River Basin Organizations (NARBO)

CHARTER

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Introduction

The world community has recognized the importance of managing water resources in a more integrated manner. Over the past decades, a series of regional and global water conferences, including the World Water Forums in 1997, 2000, and 2003, have underlined the need to adopt and operationalize the approach of integrated water resources management (IWRM), which is defined by the Global Water Partnership as “*a process to improve the planning, conservation, development, and management of water, forest, land, and aquatic resources in a river basin context, to maximize economic benefits and social welfare in an equitable manner without compromising the sustainability of vital environmental systems.*”

By focusing on the management of water and related resources in a river basin context, it is implied that IWRM will be undertaken at basin level with the involvement of stakeholders at the basin level. The water conference in Dublin in 1992 referred to the need to manage water resources *at the lowest appropriate level*. This has become one of the basic principles underpinning the IWRM approach, and it has led to increased recognition that river basin organizations (RBOs) can realize IWRM at the basin level. Since Dublin, the world community has also recognized the importance of promoting gender and development work as part of the IWRM approach to ensure that women participate in water management at all levels.

Many forms of RBOs have been established in recent decades, and countries have developed various governance approaches for RBOs, for example, river basin commissions in the People’s Republic of China, river basin parliaments in France, river basin committees in Australia, river basin authorities in the United States and Sri Lanka, a lake basin development authority in the Philippines, water resources public corporations in Japan and Indonesia, inter-state RBOs like the river basin tribunals in India and the Murray-Darling Basin Commission in Australia, and international RBOs in the Mekong basin, the Syr and Amu Darya basins, and in the Tumen basin.

Some RBOs were established decades ago and have ceased to exist, while many new RBOs have been established recently. Some RBOs have a large

technical capacity, employing thousands of staff, while others may employ just a handful, like the newly established river basin committees in Southeast Asia. While there are many differences between these RBOs, they share a common mission, which is to operationalize IWRM in their respective river basins.

A network to assist RBOs in Asia in their work of introducing and operationalizing the IWRM approach does not yet exist. Consequently, RBOs lack opportunities for exchanging information and experience on their operations, and access for their staff to training and capacity building that draws on the technical and non-technical experience in managing water resources in Asia.

The need for partnerships for action to achieve IWRM was recognized at the 3rd World Water Forum held in Kyoto, Osaka, and Shiga, in the Lake Biwa and Yodo River Basin, Japan, in March 2003, where it was noted that several developed and developing countries in Asia have already established RBOs to implement IWRM. The 3rd World Water Forum highlighted the need to support these RBOs through knowledge sharing and capacity building, especially in developing countries.

The 3rd World Water Forum also emphasized the contributions that IWRM can make to improve the water security of the poor, by incorporating the needs of the poor explicitly in water policies and management practices at all levels.

Recognizing the need for networking and capacity building in the implementation of IWRM, the Water Resources Development Public Corporation of Japan (recently reconstituted as the Japan Water Agency), the Asian Development Bank, and the Asian Development Bank Institute decided at the 3rd World Water Forum in March 2003 in Kyoto, Japan, to collaborate in launching a Network of Asian River Basin Organizations (NARBO), and a letter of intent was signed at the Forum on 21 March 2003.

Note: This Charter is intended to guide NARBO in its start-up phase, during which membership by RBOs and partner organizations will be promoted and initial activities started to meet immediate needs of RBOs for training and exchange of information and experience. It is expected that the Charter will be reviewed and revised by the NARBO General Meeting when membership has

grown, a program of activities is agreed and under implementation, and membership fees can be introduced.

Section 1. Denomination and Working Language

- (1) This new initiative is entitled the Network of Asian River Basin Organizations (hereafter NARBO).
- (2) The language to be used is English.

Section 2. Goal and Objective

The goal of NARBO will be to help achieve IWRM in river basins throughout Asia.

NARBO's objective will be to strengthen the capacity and effectiveness of RBOs in promoting IWRM and improving water governance, through training and the exchange of information and experience among RBOs and their associated water sector agencies and knowledge partner organizations in Asia and to advise on the establishment of RBOs in Asia.

Section 3. Activities

To promote IWRM in Asia, the focus of NARBO's activities will be as follows:

(1) Activities for the whole of NARBO

The activities joined by all members of NARBO will be as follows:

- (a) Advocacy and raising awareness for IWRM among RBOs, water sector apex bodies, and leading water sector agencies in the region, mainly through regional workshops.
- (b) Sharing of information, good practices, and lessons learned for IWRM among the participating organizations, mainly by operating

databases and a website for IWRM exchanging information, and by sending a newsletter by email as well as posting on the web site and holding (sub) regional workshops.

(2) Activities for regional areas of NARBO

RBOs, national and federal governmental organizations with expertise in IWRM, regional and interregional knowledge partner organizations for IWRM, and bilateral and multilateral development cooperation agencies, will be requested to support RBOs in Asia in the following types of activities.

- (a) Supporting NARBO members to improve water governance, including the enabling policy, institutional, and legal framework for IWRM, and the formulation of the action plans.
 - (b) Building capacity of RBOs in implementing IWRM, mainly through staff exchange and training among participating organizations.
 - (c) Supporting RBOs with technical advice in regard to the planning, conservation, development, and the proper and efficient operation and maintenance of water resources facilities, to improve IWRM.
 - (d) Fostering regional cooperation for improved management of water resources in transboundary river basins.
- (3) The scope of IWRM activities to be supported by NARBO will be approved by the NARBO General Meeting.
- (4) NARBO's activities will initially focus on the monsoonal areas of Asia.

Section 4. Organizations

Article 4.1. Membership

- (1) Membership will be open to the following types of organizations.

- (a) RBOs, defined as organizations that have been officially recognized by the government of their country as having a mandate to promote and implement IWRM at the river basin level.
- (b) National and federal/ provincial / local governmental organizations in charge of water administration in the countries which implement or are interested in promoting and implementing IWRM at the level of river basins. This includes water sector apex bodies and leading water agencies.
- (c) Regional knowledge partner organizations with expertise in promoting and supporting IWRM, such as international RBOs and research and training organizations.
- (d) Inter-regional knowledge partner organizations with expertise in promoting and supporting IWRM.
- (e) Bilateral and multilateral development cooperation agencies promoting and supporting activities related to IWRM at the level of river basins.

(2) Among these, the organizations under (1.a) are considered as RBO members and (1.b to 1.e) are considered as partner members. Partner members will participate in NARBO as promoters and supporters of IWRM and RBOs, and as knowledge partners to RBOs.

(3) If other organizations wish to join NARBO, it needs to be recommended by an existing NARBO member or government agency concerned, notified to the Secretary General (see “Article 4.4.”) and approved in the NARBO General Meeting (see “Article 4.2.”).

Note: (1.c) and (1.d) include regional and inter-regional nongovernment organizations (NGOs) with expertise in promoting and supporting IWRM. For participation of national NGOs, (3) will apply. Participation as an observer in NARBO General Meetings is also possible (See “Article 4.2 (2)”).

(4) Application for membership in NARBO

- (a) An application to join NARBO should be submitted to the Secretary General with a recommendation from a NARBO member or the government.
- (b) The Secretary General evaluates the application and confers with the Chairperson and the Vice-Chairpersons with his/her comments.
- (c) The Chairperson makes the final decision.
- (d) The Secretary General notifies the result to the applicant organization.
- (e) When the applicant receives the approval, the applicant organization becomes the member.
- (f) The new member is introduced to the NARBO members.

(5) Withdrawal from NARBO

- (a) The following are grounds for a member to cease to be a NARBO member:
 - (i) The member applies for withdrawal from NARBO membership;
 - (ii) The member organization is abolished; and
 - (iii) The member organization undertakes activities contradictory to the principles of NARBO.
- (b) When a member matches to one of these grounds, the Secretary General evaluates the ground and confers with the Chairperson and the Vice-Chairpersons with his/her comments.
- (c) The Chairperson makes the final decision.

(d) The Secretary General notifies the result to that organization.

(6) Member's obligation

(a) Members will participate in NARBO activities of their interest with commitment to use their own resources and to work effectively in partnership with other organizations that are collaborating in the network. Members will support the objectives of NARBO and will comply with its rules and regulations.

(b) RBO members are obliged to submit an annual report to the Secretary General once a year within 3(three) months after their yearly fiscal year, in which their plan, scope of action, major activities, and issues are summarized. The report will be submitted in English.

(c) The NARBO members are required to pay an annual membership fee. The amount and schedule of payment will be approved by NARBO General Meeting.

Note: For the time being, no membership fees are being considered.

Article 4.2. NARBO General Meeting

(1) Venue and Date

(a) The NARBO General Meeting is held, in principle, every two years.

(b) In principle, the General Meeting is held in the Chairperson's country, except as otherwise determined by the Chairperson. The dates are proposed jointly by the Chairperson and the Secretary General.

(c) An extraordinary NARBO General Meeting can be convened at the request of the Chairperson, Vice-Chairperson, Secretary General or NARBO Secretariat before the next General Meeting, if there is a specific reason or if there are important issues to be solved urgently.

ii) The decision of the venue and date is the same as the decision for a General Meeting.

(d) The venue, date and agenda of General Meeting shall be distributed with an appropriate advance notice.

(2) Participation

Members, technical advisory committee members, and observers may attend the NARBO General Meeting. Observers need endorsement from the NARBO Secretariat and the local organizing committee hosting the NARBO General Meeting.

(3) Agenda of the NARBO General Meeting

(a) Two year action report and future action program of NARBO

(b) Reports by members on matters related to activities of NARBO

(c) Selection and replacement of Chairperson, Vice-Chairpersons, Secretary General and Vice-Secretary Generals

(d) Approval and revision of the Charter

(4) Approval

The approval of the NARBO General Meeting is based on consensus between the attending members.

Article 4.3. Chairperson and Vice-Chairpersons

(1) Nomination and Selection of the Chairperson and the Vice-Chairpersons

(a) The Chairperson and the Vice-Chairpersons are nominated by the Secretariat and selected by the NARBO General Meeting.

(b) In case the Chairperson is or becomes unable to perform his / her function as Chairperson, the Vice-Chairperson appointed by the

Secretariat will exercise the function and responsibility of the Chairperson until a Chairperson is selected at the next NARBO General Meeting.

(c) The Chairperson will be deemed to be unable to perform his/her function as Chairperson if (i) The Chairperson declares that he/she is unable to perform his/her function as Chairperson; or (ii) The Secretariat recognizes that the Chairperson is unable to perform his/her function as Chairperson.

(d) In case a Vice-Chairperson is or becomes unable to perform his/her function as Vice-Chairperson, an Acting Vice-Chairperson is nominated by the Secretariat and appointed by the Chairperson for a period extending until a Vice-Chairperson is selected at the next NARBO General Meeting.

(e) A Vice-Chairperson will be deemed to be unable to perform his/her function as Vice-Chairperson if (i) A Vice-Chairperson declares that he/she is unable to perform his/her function as Vice-Chairperson; or (ii) The Secretariat recognizes that the Vice-Chairperson is unable to perform his/her function as Vice-Chairperson.

(2) Responsibility of Chairperson

The Chairperson leads the NARBO General Meeting and guides NARBO activities until the next General Meeting.

(3) Responsibility of Vice-Chairperson

(a) Assist the Chairperson

(b) Substitutes for the Chairperson when he/she is not available

(4) NARBO Senior Adviser

(a) Secretary General may invite the Chairperson to become NARBO Senior Adviser at the completion of Chairpersons term. A senior expert who had made a significant contribution to NARBO works and demonstrated leadership may also be invited to become NARBO Senior Adviser. NARBO Senior Adviser is expected to advise the Chairperson and Secretariat in promoting and enhancing NARBO activities.

(b) A NARBO Senior Adviser is expected to serve for a period of 2 years, with possible extension.

Article 4.4. Secretariat

(1) Responsibilities of the NARBO Secretariat

(a) Initiatives and Activities of NARBO

(i) Collection of relevant information and coordination with related organizations, including participation in relevant meetings

(ii) Preparation of the documents needed for and writing reports of the NARBO General Meeting

(iii) Preparation of two-year action report and action program

(iv) Operation and management of the NARBO web site and other communication facilities

(v) Advice on the enabling policy, institutions and efficient operation to improve IWRM and on the establishment and capacity building of RBOs in implementing IWRM (subject to available resources of NARBO to provide advice through cost-effective means)

(vi) Organization of other NARBO initiatives and activities

(b) Logistics Service for NARBO

- (i) Contacts and coordinates the members
- (ii) Handles the administration, including registration of members, accounting, document preparation etc.

(2) Composition and Location of the NARBO Secretariat

(a) The NARBO Secretariat is composed of the Japan Water Agency (JWA), the Asian Development Bank Institute (ADBI), both in Japan, the Asian Development Bank (ADB), in Philippines and Center for River Basin Organizations and Management (CRBOM) in Indonesia.

(b) The Headquarters of the Secretariat is located in JWA and its branches are located in ADBI, ADB and CRBOM. Secretariat staffs are nominated by the Secretary General in consultation with JWA, ADBI, ADB and CRBOM.

(c) Any organization in the NARBO Secretariat may resign its function at any time without condition.

(3) Nomination and approval of the Secretary General and the Vice-Secretary Generals.

(a) The Secretary General and the Vice-Secretary Generals are nominated by the Secretariat and approved at the NARBO General Meeting.

(b) In case the Secretary General or any Vice-Secretary Generals is or becomes unable to perform his/her function, an Acting Secretary General or an Acting Vice-Secretary General, as the case may be, is nominated by the Secretariat and appointed by the Chairperson for a period extending until the Secretary General or the Vice-Secretary General is selected at the next NARBO General Meeting.

(c) The Secretary General or a Vice-Secretary General will be deemed to be unable to perform his/her function if (i) he/she declares that he/she is unable to perform his/her function as the Secretary General or the Vice-Secretary General; or (ii) The Secretariat recognizes that the Secretary General or such Vice-Secretary General is unable to perform his/her function as the Secretary General or the Vice-Secretary General.

(4) Responsibilities of the Secretary General

(a) Initiates and manages NARBO's initiatives and activities.

(b) Convenes the NARBO Meeting and sets its agenda in consultation with the Chairperson

(c) Supervises the Secretariat's work

(5) Responsibilities of the Vice-Secretary Generals

(a) Supports the Secretary General

(b) Substitutes for the Secretary General when necessary

Article 4.5. NARBO Patron

The Chairperson may invite a person of high public stature and influence to take on the role of NARBO Patron. A NARBO Patron is expected to represent and promote NARBO and its objectives and activities in the region and world, specifically to leaders, policy makers, media, and the general public. The patron may also be requested to advise NARBO on its work.

Article 4.6. Technical Advisory Committee

(1) A Technical Advisory Committee may be convened by the Secretary General. The Committee will be composed of individuals and organizations who can advise and support NARBO in its

activities. Its task is to extend the financial and the technical support for the implementation of regional activities of NARBO.

- (2) The statute of the committee will be approved by the NARBO General Meeting.

Section 5. Resources

- (1) Financial and human resources to support NARBO activities will be provided from the following sources:
 - (2) The Members of NARBO will voluntarily provide resources in cash and kind to support NARBO activities in which they are interested to participate.
 - (3) Costs (personnel and traveling expenses) of the NARBO Secretariat will be provided by JWA, ADB, ADBI and CRBOM who will mobilize financial resources for this purpose. Travel expenses for the Chairperson and Vice-Chairpersons will be provided by NARBO Secretariat for travel approved by NARBO secretariat.
 - (4) NARBO activities will be financed by JWA, ADBI, ADB, CRBOM, bilateral and multilateral agencies to be identified, and NARBO Members, on a parallel co-financing basis.
 - (5) ADB may be requested by the NARBO General Meeting to convene a NARBO Financial Support Group of interested bilateral and multilateral organizations to help support NARBO activities.

BASELINE 2

Action Plan -2010~2012-

Network of Asian River Basin Organizations (NARBO)

ACTION PROGRAM 2010-2012

Key Result Areas:

- A. Advocacy, Raising Awareness, and Exchange of Information and Good Practices on Integrated Water Resources Management (IWRM)
- B. Capacity Building in River Basin Organizations (RBOs)
- C. Network Support

Draft, 12 Nov 2010

A. Advocacy, Raising Awareness, and Exchange of Information and Good Practices on IWRM			
Activities	Implementation Plan	Lead Agency	Notes
<p><i>Activities led by the NARBO Secretariat:</i></p> <p>1. NARBO Website (http://www.narbo.jp)</p> <ul style="list-style-type: none"> • Provides information, news and reminders on NARBO activities; and information on introducing IWRM in river basins in Asia, including publications, case studies, articles on important IWRM topics • Provides links to NARBO member websites, e-newsletters, online databases, and other related sites 	<ul style="list-style-type: none"> • Continue regular updates • Introduce on-line forum to enhance information and knowledge sharing 	<p>JWA</p>	<ul style="list-style-type: none"> • Members to provide stories, cases, articles, and links

<p>2. NARBO e-Newsletter</p> <ul style="list-style-type: none"> • Publishes good practices, lessons learned, IWRM-related activities, etc. 	<ul style="list-style-type: none"> • Draft and prepare stories and materials on priority topics of interest to NARBO members • Prepare and distribute quarterly through e-mail and the website 	<p>JWA</p>	<ul style="list-style-type: none"> • Members to send contributions
<p>3. Guidelines and Online data base</p> <ul style="list-style-type: none"> • Provides guidelines and other useful reference materials on IWRM practices, cases, lessons learned, champions, standards and manuals, annual reports, topics of interest through website and CDs 	<ul style="list-style-type: none"> • Formulate guidelines and continue collecting and updating information from members and partners • Provide useful reference material • Provide reference material such as the experiences of Japanese water resources development and management 	<p>ADB, JWA, ADB, CRBOM, Knowledge Hubs</p>	<ul style="list-style-type: none"> • Members to provide reference materials
<p>4. NARBO Annual Report</p> <ul style="list-style-type: none"> • Publishes NARBO activities and events; and members' updated profile 	<ul style="list-style-type: none"> • Distribute annual report in May of following year through hardcopies, the website and CDs 	<p>JWA</p>	<ul style="list-style-type: none"> • RBO Members to submit their annual reports no later than end March
<p>5. NARBO Promotion</p> <ul style="list-style-type: none"> • Increases governments, public, and media interest in NARBO activities and increase NARBO membership • Disseminates key messages on introducing IWRM in river basins and RBO work • Promotes NARBO's objectives and activities 	<ul style="list-style-type: none"> • Promote NARBO work through media, country visits, regional events, and knowledge networks • Invite RBOs in development projects to join NARBO • Invite knowledge partner organizations to join NARBO • Encourage national NARBO networks in countries with many RBOs 	<p>NARBO Secretariat, Chair, Indonesia NARBO</p>	<ul style="list-style-type: none"> • Members to contribute to the promotion and dissemination work, and to increase NARBO membership • NARBO Indonesia and CRBOM to pilot in-country RBO network

<p>6. NARBO General Meeting</p> <ul style="list-style-type: none"> Includes study visit in host river basin, IWRM workshops, and general meeting 	<ul style="list-style-type: none"> Organize the 4th NARBO General Meeting in the last quarter of 2010 and the 5th NARBO General Meeting in early 2013 	<p>Chair, Vice-Chair, NARBO Secretariat</p>	<ul style="list-style-type: none"> Members to participate and share their knowledge
<p>Activities led by NARBO Member Organizations:</p>			
<p>1. NARBO members' websites</p> <ul style="list-style-type: none"> Provides useful information and knowledge products on introducing IWRM in their respective river basins 	<ul style="list-style-type: none"> Develop, maintain, and update the website on a regular basis 	<p>Members</p>	<ul style="list-style-type: none"> Members to develop and maintain modern websites
<p>2. NARBO members' Annual Report</p> <ul style="list-style-type: none"> Compiles overview of RBO's objectives, targets, activities, lessons learned, and performance improvements in introducing IWRM in their respective river basins 	<ul style="list-style-type: none"> Prepare annual report and send to NARBO Secretariat at JWA no later than March of the following year 	<p>RBO Members</p>	<ul style="list-style-type: none"> RBO members to invest in useful annual reports

B. Capacity Building in River Basin Organizations (RBOs)

Activity	Implementation Plan	Lead Agency	Note
<p>Activities led by the NARBO Secretariat:</p>			
<p>1. IWRM Training Program</p> <ul style="list-style-type: none"> Develops the capacity of NARBO member staff in understanding and implementing IWRM in their respective river basins 	<ul style="list-style-type: none"> NARBO Technical Advisory Committee to guide an overhaul of the program design 7th IWRM training will be held for senior level staff in 1st quarter of 2011 Next series of IWRM Training should 	<p>JWA, ADB, ADBI, CRBOM, Technical Advisory Committee, Knowledge Hubs</p>	<ul style="list-style-type: none"> Members to facilitate their staff to apply and contribute registration fee A program comprises 2 training courses for middle level and 1 course for senior level IWRM GUIDELINES at River Basin Level is used as main reference material

	<p>be discussed at the TAC meeting and conducted from 2011</p> <ul style="list-style-type: none"> • Conduct once or twice a year 		
<p>2. Workshops</p> <ul style="list-style-type: none"> • Covers IWRM topics of interest and is held during the NARBO general meeting • Separate thematic workshop series held outside the general meeting deepen further understanding on selected priority IWRM topics 	<ul style="list-style-type: none"> • Conduct workshop on IWRM case study by NARBO secretariat and Department of Water Resources, Ministry of Natural Resources and Environment, Thailand • Conduct workshops on Climate Change Adaptation, Disaster Management, Water Quality Improvement, Leadership and water and history • Conduct sessions in the ADB conference, October 2010 – Water: Crisis and Choices and prepare a technical background paper in collaboration with members 	<p>JWA, ADB, ADBI, CRBOM, Indonesia NARBO, Knowledge Hubs</p>	<ul style="list-style-type: none"> • Members to attend and contribute knowledge on issues and solution strategies • Lessons learned from thematic workshops on water rights, facility management disaster management and climate change will be used in designing the subsequent workshop series
<p>3. Performance Benchmarking supported by peer reviews</p> <ul style="list-style-type: none"> • Provide a demand-based benchmarking service for RBOs to assess and continuously improve their performance 	<ul style="list-style-type: none"> • Manage the implementation of the NARBO RBO performance benchmarking service • Form and maintain a group of trained and certified peer reviewers • Maintain tools and documentation capturing experience gained and lessons learned, • Report progress and benefits 	<p>CRBOM, with support from ADB and other partners</p>	<ul style="list-style-type: none"> • CRBOM to manage training and certification service for peer reviewers, facilitation of peer reviews, and support for pilot-testing of basin benchmarking methodology, in collaboration with the Knowledge Hubs
<p>4. Advisory visits to RBOs</p> <ul style="list-style-type: none"> • Includes study visits by RBOs to learn from their experience in implementing 	<ul style="list-style-type: none"> • Encourage members to promote such visit through newsletter and 	<p>JWA, ADB, ADBI, CRBOM, Knowledge</p>	<ul style="list-style-type: none"> • Knowledge Hubs to join visits for piloting Roadmap Advisory Service for RBOs

IWRM, and to promote knowledge generation and sharing	website	Hubs	<ul style="list-style-type: none"> Where possible linked to RBO exchange visits initiated by members
5. Scholarship Programs <ul style="list-style-type: none"> Introduces information about higher education institutions, research and training organizations or any scholarships which relate to IWRM 	<ul style="list-style-type: none"> Share information on IWRM courses and existing scholarship programs, through NARBO website 	JWA, ADB, ADBI, CRBOM, Knowledge Partner members	<ul style="list-style-type: none"> May include online distance learning programs
Activities led by NARBO Member Organizations:			
1. Twinning Programs <ul style="list-style-type: none"> Mutually beneficial programs for knowledge sharing and capacity development, involving exchange visits, staff exchange, and joint projects 	<ul style="list-style-type: none"> Explore further substantial outputs in using current scheme for mutual benefits 	Members	<ul style="list-style-type: none"> Initiated, arranged and financed by RBO members themselves NARBO Secretariat can facilitate initial contacts
2. ISO certification <ul style="list-style-type: none"> Explores opportunities to gain ISO certification for good performance in achieving standards of excellence 	<ul style="list-style-type: none"> ISO certified member RBOs in Indonesia (PJT 1 and 2) can provide information to other members NARBO Secretariat can post information on the website 	Members, PJT 1, 2	<ul style="list-style-type: none"> Members to exchange information and experience
3. Transboundary Water Management <ul style="list-style-type: none"> Explores opportunities to foster transboundary water resources management (within and between countries) through information sharing and exchange of experience 	<ul style="list-style-type: none"> Contribute good practice cases as inputs for regional study on charting progress in IWRM in river basins in the region 	Members, Knowledge Hubs	<ul style="list-style-type: none"> The Mekong River Committee is expected to contribute as a knowledge hub for this topic

C. Network Support

Activity	Implementation Plan	Lead Agency	Note
<p>1. Technical Advisory Committee</p> <ul style="list-style-type: none"> Provides guidance to ensure quality of NARBO's IWRM Training Program, and on strategic direction of NARBO's activities 	<ul style="list-style-type: none"> TAC meetings shall be convened before holding IWRM Training to discuss the strategy and the contents of IWRM training 	<p>ADB, ADBI, JWA, CRBOM, Chair, Vice Chair</p>	<ul style="list-style-type: none"> TAC meetings shall be convened at least once a year based on the statute Heads of regional water knowledge hubs to be involved
<p>2. Knowledge Networking</p> <ul style="list-style-type: none"> Facilitates and supports regional water knowledge hubs under the Asia-Pacific Water Forum Provides demand-based knowledge and capacity development services that meet NARBO member clients needs 	<ul style="list-style-type: none"> Improve collaboration with APWF regional water knowledge hubs and other partners to help RBOs and projects for IWRM in river basins Member RBOs to explore partner relationships with relevant knowledge hubs for specific services they need Collaborate with other RBOs (such as Spanish RBOs and others) in improving water security in their basins for the future Collaborate with other organizations in exchanging data or others for climate change adaptation in IWRM. Conduct on-demand trainings or workshops on Leadership. 	<p>CRBOM, other Knowledge Hubs, and partners</p>	<ul style="list-style-type: none"> ADB and JICA TA projects to support CRBOM are on progress. Other donors to be encouraged to provide complementary assistance. Involve ICHARM, K-Water, YRCC, NAHRIM, IRTCES, IGES, JSC and other hubs in collaboration. Knowledge Hubs to develop a network of clients and partners on their topic (knowledge domain) Use development project budgets to pay for services provided by the hubs

<p>3. Charting Progress and Facilitating Investment for IWRM</p> <ul style="list-style-type: none"> Catalyze further investments in IWRM and demonstrate good practices in introducing IWRM in river basins across the region 	<ul style="list-style-type: none"> Implement TA project through CRBOM Enhance dissemination of IWRM experience in basins within Indonesia through new dissemination unit (by JICA) Pilot a Roadmap Advisory Service to help RBOs prepare long-term IWRM investment programs Chart and analyze regional progress of introducing IWRM in river basins Publish a book on Managing Water in Asia's River Basins by a team of IUCN and ADB in collaboration with NARBO and CRBOM 	<p>ADB, IUCN, Knowledge Hubs</p>	<ul style="list-style-type: none"> Regional TA project formulated by ADB to help member RBOs Update to be provided to 4th NARBO General Meeting
<p>4. Investments in Water Security in River Basins</p> <ul style="list-style-type: none"> Accelerates economic growth and to improve the living standards in river basins through efficient, effective, and sustainable water resources management, environmental conservation, and water-related disaster risk mitigation. 	<ul style="list-style-type: none"> Implement TA project by JWA Enhance RBOs to improve water security in each basin based on the Lol between ADB and JWA Help identify investment needs in preparation for future feasibility studies for projects to increase water security in three pilot river basins in the region Strengthen the capacity of government agencies and other stakeholders concerned for the implementation of the future investment programs 	<p>ADB, JWA</p>	<ul style="list-style-type: none"> Regional TA project formulated by ADB to help member RBOs Update to be provided to 4th NARBO General Meeting

<p>5. Sharing knowledge on River Basin Management in Asia Pacific.</p> <ul style="list-style-type: none"> • Make use of the 2nd Asia-Pacific Water Summit • Disseminate information, observations and experience made, as well as news, opinions, ideas, or open questions for discussion • Emphasize innovative approaches, successful achievements, benefits, and valuable lessons learnt • Support personal networking among RBO leaders and practitioners • Consider and activate contributions by APWF water knowledge hubs and other actors, including universities and business schools 	<ul style="list-style-type: none"> • Organizing regional meeting during the 2nd Asia- Pacific Water Summit • Guide NARBO members in networking and communication, • Recommend on good networking and knowledge-sharing practices. • Prepare inventory of IWRM-related knowledge, projects and partners • Support pilot implementation and disseminate good practice • Expand knowledge products and services to clients in the region the CRBOM Small Publications Series as long as a need is seen • Perform other services consistent with the 10 key operating principles of APWF regional knowledge hubs 	<p>CRBOM, Knowledge Hubs, Thailand Water Resource Association, and other partners</p>	<ul style="list-style-type: none"> • To be elaborated.
<p>6. Collaboration with International Networks</p> <ul style="list-style-type: none"> • GWP, INBO, CapNet, If-net and others as needed. 	<ul style="list-style-type: none"> • Coordinate activities as needed 	<p>JWA, ADBI, ADB, CRBOM</p>	<ul style="list-style-type: none"> • Share IWRM experience to benefit NARBO members

BASELINE 3

NARBO Members' List

List of NARBO Member and Organizations Interested in becoming member

November 12, 2010

Category	Member	(Interested)
River Basin Organization (RBO)	28	3
Government Organization (GOV)	19	4
Regional Knowledge Partner (RKP)	19	1
Inter-Regional Knowledge Partner (IRKP)	9	0
Development Cooperation Agency (DCA)	1	0
Total	76	8

Classification	Country/Region	Organization	Representative/Signatory	Position		
1	Member	RBO	Indonesia	Jasa Tirta I Public Corporation	Mr. Tjoek Walujo Subijanto	President Director
2			Indonesia	Jasa Tirta II Public Corporation	Mr. Djendam Gurusinga, Dipl.HE	President Director
3			Indonesia	Bengawan Solo River Basin Organization	Mr. Graitia Sutadi	Head
4			Indonesia	Pompengan Jeneberang Basin Water National Management Unit	Mr. Isprasetyo Basuki (Ir. Isprasetyo Basuki, M.Sc)	Head
5			Indonesia	Jragung-Tuntang Basin Water Resources Management Unit	Mr. Tri Widodo D.	Head
6			Indonesia	Pekalan Sampelan Basin Water Resources Management Unit	Mr. Wahjoe Pribowo	Head of PSAWS
7			Indonesia	Ciujung-Ciliman Basin Water Resources Management Unit	Mr. Winarjono	Head of DPU
8			Indonesia	Sermo Water Resources Management Unit	Mr. Purwoko	Head
9			Indonesia	Citarum Basin Water Resources Management Unit	Mr. Rustam Suharman	
10			Japan	Japan Water Agency	Mr. Toshiki Aoyama	President
11			Korea	Korea Water Resources Corporation	Dr. Ick Hwan Ko	Director, Hydrosystem Engineering Center
12			Laos	Nam Ngum River Basin Development Sector Project	Dr. Thatheva Saphangthong	Coordinator, Integrated Watershed Management Unit
13			Malaysia	Selangor Water Management Authority	Mr. Nor Zamri bin Sondor	Acting Director
14			Pakistan	Indus River System Authority	Mr. Fida Hussain	Senior Engineer

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15		Philippines	Laguna Lake Development Authority	Ms. Dolora Nepomuceno	Assistant General Manager
16		Sri Lanka	Mahaweli Authority of Sri Lanka	Mr. Don Clement Sudharma Elakanda	Director General
17		Thailand	Bang Pakong River Basin Committee	Mr. Pathai Punturothai	Director, Division of Coordination and Management
18		Viet Nam	Cuu Long & Dong Nai River Basin Organization	Mr. Nguyen Xuan Hien	Chief of Office
19		Viet Nam	Red River Basin Organization (RRBO)	Dr. Bui Nam Sach	Chief of Office
20		Viet Nam	Day River Basin Subcommittee	Dr. Nguyen Van Tinh	Deputy Director of WRD, MARD
21		Viet Nam	Cau River Basin Planning Subcommittee	Mr. Dinh Khac Tinh	Vice Chairman
22		Viet Nam	Vu Gia Thubon River Basin Organization	Mr. Huynh Van Thang	Chief of GORBO's Secretariat Board
23		Viet Nam	Ca River Basin Management Council	Mr. Nguyen Dinh Chi	Chairman
24		Southeast Asia	Mekong River Commission Secretariat	Mr. Jeremy Bird	Chief Executive Officer
25		Indonesia	Balai Besar Wilayah Sungai Brantas	Ir. Sugianto, M. Eng	Head
26		Davao Philippines	HELP Davao Network	Dr Anthony Sales	Regional Director DOST XI
27		Lao PDR / Southeast	Nam Ngum River Basin Committee Secretariat	Mr. Chanthanet BOUALAPHA	Head
28		Lao PDR	Nam Theun-Nam Kading River Basin Committee Secretariat	Ms.Sonephet PHOSALATH	Assistant to the Director General of NTNKD RBCs, Project Manager of Nam Theun-Nam Kading River Basin Project

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Classification		Country/Region	Organization	Representative/Signatory	Position
1	Member GOV	Bangladesh	Bangladesh Water Development Board (BWDB)	Mr. H. S. Mozaddad Faruque	Director General
2		Bangladesh	Local Government Engineering Department (LEGD)	Mr. Md. Shahidul Hasan	Chief Engineer
3		Cambodia	Ministry of Water Resources and Meteorology (MOWRAM)	Dr. Theng Tara	Director, Department of Water Resources Management and Conservation
4		Cambodia	Department of Hydrology and River Works (DHRW)	Mr. Long Saravuth	Deputy Director
5		Indonesia	Directorate General of Water Resources (DGWR)	Mr. Imam Anshori	Director of Water Resources Management
6		Indonesia	Water Resources Development, West Nusa Tenggara Province	Mr. Djalal (Ir. H. Djalal)	Chief
7		Japan	Water Resources Department, Land and Water Bureau, Ministry of Land, Infrastructure, Transport and Tourism	Mr. Tomomasa Onomi	Deputy Director
8		Laos	Water Resources Department (Former WRCC, LaoPDR)	Mr. Phonechaleun Nonthaxay	Director General
9		Malaysia	Department of Irrigation and Drainage (DID Malaysia)	Mr. Ahmad Husaini bin Sulaiman	Director General
10		Philippines	National Water Resources Board (NWRB)	Mr. Vicente S. Paragas	Executive Director
11		Philippines	Department of Environment and Natural Resources (DENR)	Ms. Analiza Rebueta Teh	Assistant Secretary, Foreign Assisted & Special Project Office
12		Sri Lanka	National Water Resources Authority (NWRA)	Mr. Ananda. H. Jayaweera	Director
13		Thailand	Department of Water Resources, Ministry of Natural Resources and Environment (DWR, MoNRE)	Mr. Kasemsun Chinnavaso	Director General
14		Viet Nam	Department of Water Resources Management, MoNRE	Mr. Nguyen Thai Lai	Director General
15		Viet Nam	General Office for RBOs in Viet Nam (GO-RBO)	Dr. Vu Van Thang	General Director, WRD
16		Viet Nam	Southern Institute for Water Resources Planning (SIWRP)	Mr. Nguyen Ngoc Anh	Chief of Office

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17		Viet Nam	Department of Natural Resources and Environment of Dong Nai Province	Mr. Phan Van Het	Vice Director
18		Nepal	Water and Energy Commission Secretariat	Mr. Kishore Thapa	Secretary
19		India	Orissa Water Planning Organization	Mr. S.C. Mahapatra	Engineer-in-Chief, Planning and design

	Classification	Country/Region	Organization	Representative/Signatory	Position	
1	Member	RKP	Asia	International Centre for Integrated Mountain Development (ICIMOD)	Dr. Andreas Schild	Director General
2			Southeast Asia	Global Water Partnership (GWP) SEA RWP	Dr. Le Van Minh	Chairperson
3			South Asia	Global Water Partnership (GWP) SAS RWP	Mr. Sardar Muhammad Tariq	Regional Chairperson
4			South Asia	South Asia Network of River Basin Organization (SASNET-RBO)	Mr. Don Clement Sudharma Elakanda	Network Coordinator SASNET-RBO
5			South Asia	The Capacity Building Network for Integrated Water Resources Management South Asia (CapNet SA)	Dr. Jasveen Jairath	Regional Coordinator
6			Bangladesh	Institute of Water Modeling (IWM)	Mr. Emaduddin Ahmad	Executive Director
7			Indonesia	Indonesia Water Partnership (InaWP)	Mr. Achmadi Partowijoto	Member of Trustee
8			Indonesia	Foundation on Water Affairs ADHI EKA	Mr. Kusdaryono Sutosuromo	Chairman of the Executive Board
9			Indonesia	Faculty of Engineering, Brawijaya University	Dr. Agus Suharyanto	Vice Dean for Academic Affaires
10			Indonesia	Research Centre for Water Resources (RCWR)	Dr. Arie Setiadi Moerwanto	Director
11			Indonesia	Center for Environment & Civil Engineering Research	Dr. Indreswari Guritno	Head of the Water Resources & coastal engineering science group
12			Indonesia	Post Graduate Study on Water Resources Management Faculty of Engineering Gadjah Muda University	Dr. Budi Santoso Wignyosukarto	Senior Lecturer
13			Indonesia	SEMBRANI foundation	Mr. Mardjono Notodiharjono	Chairman
14			Japan	Japan River Restoration Network (JRRN)	Dr. Nobuyuki TAMAI	Chairperson
15			Japan	Graduate School of Management, Kyoto University	Dr. Kazuo YOSHIDA	Dean
16			Japan	Civil Engineering Research Institute for Cold Region, PWRI	Mr. Kazuyuki Kawamura	Acting Chief Executive Officer

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17		Malaysia	National Hydraulic Research Institute of Malaysia (NAHRIM)	Mr. Ahmad Jamaluddin	Acting Director General
18		Thailand	Thailand Water Resources Association (TWRA)	Dr. Apichart Anukularmphai	President
19		People's Republic of C	Yellow River Conservancy Commission(YRCC)	Mr.shang Hongqi,Department of International Cooperation Science and Technology,YRCC	Director General
1	IRKP	Inter-region	Asian Development Bank Institute (ADBI)	Dr. Masahiro Kawai	Dean
2		Inter-region	Asia Pacific Association of Hydrology and Water Resources (APHW)	Dr. Katsumi MUSHIAKE	Secretary General
3		Inter-region	International Centre for Water Hazard and Risk Management (ICHARM)	Dr. Kuniyoshi TAKEUCHI	Director
4		Inter-region	International Research and Training Center on Erosion and Sedimentation (IRTCES)	Dr. Prof. Hu Chunhong	Secretary General
5		Inter-region	IUCN - The World Conservation Union	Dr. Tejpal Singh	Leader, Asia Water & wetlands Program
6		Inter-region	International Water Centre (IWC)	Mr. Mark Pascoe	Chief Executive Officer
7		Inter-region	International Water Management Institute (IWMI)	Mr. Andrew Noble	Head IWMI-SEA
8		Inter-region	The World Wildlife Fund International (WWF International)	Mr.Lifeng Li	Director, Asia Pacific Region
9		Indonesia	Center for River Basin Organizations and Management(CRBOM)	Mr.Isnugroho	Executive Director
1	DCA	Inter-region	Asian Development Bank (ADB)	Mr. Jan P. M. van Heeswijk	Director General