

BASELINE 1

NARBO Charter

February 2004

(Revised February 2006)

(Revised February 2008)

## 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 3<sup>rd</sup> 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 3<sup>rd</sup> World Water Forum highlighted the need to support these RBOs through knowledge sharing and capacity building, especially in developing countries.

The 3<sup>rd</sup> 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 3<sup>rd</sup> 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-Chairperson 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-Chairperson 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-Chairperson, 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-Chairperson

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

(a) The Chairperson and the Vice-Chairperson 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 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 the 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) The Vice-Chairperson will be deemed to be unable to perform his/her function as Vice-Chairperson if (i) The 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 NARBO

Senior Adviser is expected to advise the Chairperson and Secretariat in promoting and enhancing NARBO activities.

(b) A NARBO Senior Advisor 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, and the Asian Development Bank (ADB), in Philippines.
- (b) The Headquarters of the Secretariat is located in JWA and its branches are located in ADBI and ADB. Secretariat staff are nominated by the Secretary General in consultation with JWA, ADBI and ADB.
- (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, and ADBI who will mobilize financial resources for this purpose. Travel expenses for the Chairperson and Vice-Chairperson will be provided by JWA for travel approved by JWA.
- (4) NARBO activities will be financed by JWA, ADBI, ADB, 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 -2008~2009-

## Network of Asian River Basin Organizations (NARBO)

### ACTION PLAN 2008-2009

#### 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

As of February 27

<b>A. Advocacy, Raising Awareness, and Exchange of Information and Good Practices on IWRM</b>				
Activity	Remarks	Implementation Plan	Lead Agency	Note
<b>Activities led by the NARBO Secretariat (JWA, ADBI, ADB):</b>				
<b>1. NARBO Website (<a href="http://www.narbo.jp">http://www.narbo.jp</a>)</b> <ul style="list-style-type: none"> <li>• Provide information, news and reminders on NARBO activities</li> <li>• Provide information on introducing IWRM in river basins in Asia, including publications, case studies, articles on important IWRM topics</li> <li>• Link to NARBO member websites, e-newsletters, online databases, and other related sites</li> </ul>	Managed by JWA in collaboration with ADB and ADBI and with input from NARBO members	<ul style="list-style-type: none"> <li>• Continue regular updates</li> <li>• Introduce on-line forum to enhance information and knowledge sharing</li> </ul>	JWA	Members are encouraged to provide stories, cases, articles, and links
<b>2. NARBO e-Newsletter</b> Share good practices, lessons learned, IWRM-related activities, etc.	Prepared quarterly by JWA and distributed through e-mail and the website	Prepare stories and materials on priority topics of interest to NARBO members	JWA	Members are encouraged to send in contributions

<p><b>3. Guidelines and Online data base</b> Provide guidelines and other useful reference materials on IWRM practices, cases, lessons learned, champions, standards and manuals, annual reports, topics of interest</p>	<p>Managed by JWA, ADBI, and ADB through website and CDs</p>	<p>Formulate guidelines and continue collecting and updating information from members and partners</p>	<p>ADBI, JWA, Knowledge Hub</p>	<p>Members are encouraged to provide materials</p>
<p><b>4. NARBO Annual Report</b> Summarize NARBO's activities and results annually</p>	<p>Prepared by JWA with inputs from members, and distributed through hardcopies and the website</p>	<p>Distribute annual report in May of following year</p>	<p>JWA</p>	<p>Members to submit their annual reports no later than end March</p>
<p><b>5. NARBO Promotion</b></p> <ul style="list-style-type: none"> <li>• Increase governments, public, and media interest in NARBO activities and increase NARBO membership</li> <li>• Disseminate key messages on introducing IWRM in river basins and RBO work</li> <li>• Promote NARBO's objectives and activities</li> </ul>	<p>Managed by JWA and ADB</p>	<ul style="list-style-type: none"> <li>• Promote NARBO work through media, country visits, regional events, and knowledge networks</li> <li>• Invite RBOs in development projects to join NARBO</li> <li>• Invite knowledge partner organizations to join NARBO</li> <li>• Encourage national NARBO networks in countries with many RBOs</li> </ul>	<p>JWA, ADB, Chair, NARBO Indonesia</p>	<p>Members are encouraged to contribute to the promotion and dissemination work, and to increase NARBO membership. NARBO Indonesia to pilot country RBO network.</p>
<p><b>6. NARBO General Meeting</b> Organize every two years, including study visit in host river basin, IWRM workshops, and general meeting</p>	<p>Managed by JWA, ADBI, and ADB in collaboration with the host RBO</p>	<p>Organize the 4<sup>th</sup> NARBO General Meeting in the 1<sup>st</sup> quarter of 2010</p>	<p>Chair, Vice-Chair, NARBO Secretariat</p>	<p>Members are encouraged to participate and share their knowledge</p>
<p><b>7. Knowledge Networking</b> Facilitate and support regional water knowledge hubs under the Asia-Pacific</p>	<p>Managed by ADB and JWA</p>	<ul style="list-style-type: none"> <li>• Support the new regional knowledge hub on river basin</li> </ul>	<p>ADB, JWA, Knowledge</p>	<p>ADB and JICA TA projects to</p>

Water Forum		<p>organizations and management in Indonesia in developing knowledge products and services for government and RBO clients in the region</p> <ul style="list-style-type: none"> <li>• Pilot a Roadmap Advisory Service to help RBOs prepare long-term IWRM investment programs</li> <li>• Chart and analyze regional progress of introducing IWRM in river basins</li> <li>• Collaborate with the other APWF regional water knowledge hubs on IWRM in river basins</li> <li>• Enhance dissemination of IWRM experience in basins within Indonesia through new dissemination unit (by JICA)</li> </ul>	Hub , JICA	<p>support the knowledge hub are expected to start in 2<sup>nd</sup> quarter of 2008. Other donors to be encouraged to provide complementary assistance. Involve ICHARM, K-Water, YRCC, NAHRIM, IRTCES and other hubs in collaboration.</p>
<p><b>Activities led by NARBO Member Organizations:</b></p> <p><b>1. NARBO members' websites</b> Develop and maintain websites with useful information and knowledge products on introducing IWRM in their respective river basins</p>	Managed by member RBOs	Develop, maintain, and update the website on a regular basis	Members	Members to develop and maintain modern websites
<p><b>2. NARBO members' Annual Report</b> Prepare annual report with overview of RBO's objectives, targets, activities, lessons learned, and performance improvements in introducing IWRM in their respective river basins</p>	Prepared by NARBO members annually, and sent to NARBO Secretariat at JWA no later than March of the following year	Prepare annual report and send to NARBO Secretariat	Members	Members are encouraged to invest in useful annual reports

## B. Capacity Building in River Basin Organizations (RBOs)

Activity	Remarks	Implementation Plan	Lead Agency	Note
<p><b>Activities led by the NARBO Secretariat:</b></p> <p><b>1. IWRM Training Program</b> Develop the capacity of NARBO member staff in understanding and implementing IWRM in their respective river basins</p>	<ul style="list-style-type: none"> <li>Managed by NARBO Secretariat</li> <li>Conducted once or twice a year</li> </ul>	<ul style="list-style-type: none"> <li>NARBO Technical Advisory Committee to guide an overhaul of the program design</li> <li>Redesigned program to be conducted in 4<sup>th</sup> quarter 2008</li> </ul>	JWA, ADB, ADBI, Technical Advisory Committee, Knowledge Hub	Members to facilitate their staff to apply and contribute registration fee
<p><b>2. Workshops</b></p> <ul style="list-style-type: none"> <li>Organize IWRM workshops on topics of interest during the NARBO general meeting</li> <li>Organize thematic workshop series, based on demand, to deepen understanding on priority topics</li> </ul>	Lessons learned from thematic workshops on water rights, facility management and disaster management will be used in designing the subsequent workshop series	<ul style="list-style-type: none"> <li>Conduct 4th workshop on Sustainable management for Water Resources Infrastructure in 1<sup>st</sup> qtr 2008</li> <li>Conduct 2<sup>nd</sup> workshop on disaster management by 2<sup>nd</sup> qtr 2008, and others tbd</li> <li>Conduct workshop on Climate Change Adaptation by NARBO Indonesia and Regional Water Knowledge Hub</li> </ul>	JWA, ADB, ADBI, NARBO Indonesia, Knowledge Hub	Members to attend and contribute knowledge on issues and solution strategies
<p><b>3. Performance Benchmarking supported by peer reviews</b></p> <ul style="list-style-type: none"> <li>Provide a demand-based performance benchmarking service for RBOs to assess and improve their performance</li> <li>Introduce a river basin performance benchmarking methodology</li> </ul>	Managed by ADB and IWMI, with IWMI providing 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 Hub	<ul style="list-style-type: none"> <li>Expand implementation of RBO performance benchmarking based on experience gained in pilot phase, to X RBOs</li> <li>Conduct pilot test of river basin performance benchmarking in X river basins</li> </ul>	ADB, IWMI, Knowledge Hub	Number of participating RBOs and basins to be determined during 3 <sup>rd</sup> NARBO GM
<p><b>4. Advisory visits to RBOs</b></p> <ul style="list-style-type: none"> <li>Visit RBOs to learn from their</li> </ul>	Where possible linked to RBO	Continue and enhance benefits	JWA, ADB,	Knowledge Hub to

experience in implementing IWRM, and promote knowledge generation and sharing	exchange visits initiated by members	from such visits, with feedback received during 3 <sup>rd</sup> NARBO General Meeting	ADBI, Chair, Knowledge Hub	join visits for piloting Roadmap Advisory Service for RBOs
<b>5. Scholarship Programs</b> Explore opportunities for member RBO staff to join existing scholarship programs for IWRM courses	By JWA, ADBI, ADB and knowledge partner members	Share information on IWRM courses and existing scholarship programs, through NARBO website	JWA, ADB, ADBI	Including online distance learning programs
<b>Activities led by NARBO Member Organizations:</b>				
<b>1. Regional Water Knowledge Hubs under APWF</b> Provide demand-based knowledge and capacity development services that meet NARBO member clients needs	By concerned APWF regional water knowledge hubs, each of which will develop a network of clients and partners on their topic (knowledge domain)	Member RBOs to explore developing client and partner relationships with relevant APWF hubs for specific services they need	Members, APWF Knowledge Hubs	Use development project budgets to pay for services provided by the hubs
<b>2. Twinning Programs</b>  Organize mutually beneficial programs for knowledge sharing and capacity development, involving exchange visits, staff exchange, and joint projects	Initiated, arranged and financed by RBO members themselves	Explore further programs based on member interest, and learning lessons from existing programs between RBOs from Indonesia and JWA and K-Water	Members	NARBO Secretariat can facilitate initial contacts
<b>3. ISO certification</b> Explore opportunities to gain ISO certification for good performance in achieving standards of excellence	Members to exchange information and experience	ISO certified member RBOs in Indonesia (PJT 1 and 2) can provide information to other members	Members, PJT 1, 2	NARBO Secretariat can post information on the website

<p><b>4. Transboundary Water Management</b>  Explore opportunities to foster transboundary water resources management (within and between countries) through information sharing and exchange of experience</p>	<p>To be conducted by interested member RBOs and riparian authorities who <u>jointly</u> agree to explore such collaboration</p>	<p>Contribute good practice cases as inputs for regional study on charting progress in IWRM in river basins in the region</p>	<p>Members, Knowledge Hub</p>	<p>The Mekong River Commission Secretariat has been approached as candidate APWF regional knowledge hub for this topic</p>
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### C. Network Support

Activity	Remarks	Implementation Plan	Lead Agency	Note
<p><b>1. Technical Advisory Committee</b></p> <p>Provide guidance to ensure quality of NARBO's IWRM Training Program, and on strategic direction of NARBO's activities</p>	<p>Guidelines for the TAC to be finalized in 2008</p>	<p>TAC to be established in 2<sup>nd</sup> quarter of 2008 to guide the overhaul of NARBO's IWRM Training Program</p>	<p>ADB, ADBI, JWA, Chair</p>	<p>Heads of regional water knowledge hubs to be involved</p>
<p><b>2. Charting Progress and Facilitating Investment for IWRM</b></p> <p>Catalyze further investments in IWRM and demonstrate good practices in introducing IWRM in river basins across the region</p>	<p>Regional TA project formulated by ADB to help member RBOs</p>	<p>Implement TA project through regional water knowledge hub in Indonesia over period 2008-2010</p>	<p>ADB, Knowledge Hub</p>	<p>Update to be provided to 3<sup>rd</sup> NARBO General Meeting</p>
<p><b>3. Collaboration with International Networks</b></p> <p>Collaborate with GWP, INBO, CapNet, If-net, Aguajaring, and others as needed.</p>	<p>JWA, ADBI, and ADB to manage</p>	<p>Coordinate activities as needed</p>	<p>JWA, ADBI, ADB</p>	<p>Share IWRM experience</p>



## BASELINE 3

### NARBO Members' List

# List of NARBO Member and Organizations Interested in becoming member

March 17, 2009

Category	Member	(Interested)
River Basin Organization (RBO)	24	4
Government Organization (GOV)	17	4
Regional Knowledge Partner (RKP)	19	1
Inter-Regional Knowledge Partner (IRKP)	8	0
Development Cooperation Agency (DCA)	1	0
<b>Total</b>	<b>69</b>	<b>9</b>

Classification	Country/Region	Organization	Representative/Signatory	Position	
Member	RBO	Indonesia	Jasa Tirta I Public Corporation (PJT I)	Mr. Tjoek Walujo Subijanto	President Director
		Indonesia	Jasa Tirta II Public Corporation (PJT II)	Mr. Djendam Gurusinga, Dipl.HE	President Director
		Indonesia	Bengawan Solo Basin Water National Management Unit	Mr. Imam Agus Nugroho	Head
		Indonesia	Pompengan Jeneberang Basin Water National Management Unit	Mr. Bambang Sigit Suryono	Head
		Indonesia	Jragung-Tuntang Basin Water Resources Management Unit	Mr. Tri Widodo D.	Head
		Indonesia	Pekalan Sampean Basin Water Resources Management Unit	Mr. Wahjoe Pribowo	Head of PSAWS
		Indonesia	Ciujung-Ciliman Basin Water Resources Management Unit	Mr. Winarjono	Head of DPU
		Indonesia	Sermo Water Resources Management Unit	Mr. Purwoko	Head
		Indonesia	Citarum Basin Water Resources Management Unit	Mr. Rustam Suharman	
		Japan	Japan Water Agency (JWA)	Mr. Toshiki Aoyama	President
		Korea	Korea Water Resources Corporation (K water)	Dr. Ko Ich Hwan	Director, Hydrosystem Engineering Center

Laos	Nam Ngum River Basin Development Sector Project	Mr. Thatheva Saphangthong	Coordinator, Integrated Watershed Management Unit
Malaysia	Selangor Water Management Authority (SWMA)	Mr. Azizah Binti Yusof	Acting Director
Pakistan	Indus River System Authority (IRSA)	Mr. Fida Hussain	Senior Engineer
Philippines	Laguna Lake Development Authority (LLDA)	Ms. Dolora Nepomuceno	Assistant General Manager
Sri Lanka	Mahaweli Authority of Sri Lanka (MASL)	Mr. K. W. Ivan de Silva	Director General
Thailand	Bang Pakong River Basin Committee (BPRBC)	Mr. Pathai Punturothai	Director, Division of Coordination and Management
Viet Nam	Cuu Long & Dong Nai River Basin Organization	Mr. Nguyen Xuan Hien	Chief of Office
Viet Nam	Red River Basin Organization (RRBO)	Dr. To Trung Nghia	Chief of Office
Viet Nam	Day River Basin Subcommittee	Dr. Nguyen Van Tinh	Deputy Director of WRD, MARD
Viet Nam	Cau River Basin Planning Subcommittee	Mr. Dinh Khac Tinh	Vice Chairman
Viet Nam	Vu Gia Thubon River Basin Organization	Mr. Huynh Van Thang	Chief of GORBO's Secretariat Board
Viet Nam	Ca River Basin Management Council	Mr. Nguyen Dinh Chi	Chairman
Southeast Asia	Mekong River Commission Secretariat (MRC)	Mr. Jeremy Bird	Chief Executive Officer

Classification		Country/Region	Organization	Representative/Signatory	Position
Member	GOV	Bangladesh	Bangladesh Water Development Board (BWDB)	Mr. H. S. Mozaddad Faruque	Director General
		Bangladesh	Local Government Engineering Department (LEGD)	Mr. Md. Shahidul Hasan	Chief Engineer
		Cambodia	Ministry of Water Resources and Meteorology (MOWRAM)	Dr. Theng Tara	Director, Department of Water Resources Management and Conservation
		Cambodia	Department of Hydrology and River Works (DHRW)	Mr. Long Saravuth	Deputy Director

Indonesia	Directorate General of Water Resources (DGWR)	Mr. Imam Anshori	Director of Water Resources Management
Indonesia	Water Resources Development, West Nusa Tenggara Province	Mr. Djalal	Chief
Japan	Water Resources Department, Land and Water Bureau, Ministry of Land, Infrastructure, Transport and Tourism	Mr. Kunihiro Moriyasu	Deputy Director
Laos	Water Resources Department (Former WRCC, LaoPDR)	Mr. Phonechaleun Nonthaxay	Director General
Malaysia	Department of Irrigation and Drainage (DID Malaysia)	Mr. Ahmad Husaini bin Sulaiman	Director General
Philippines	National Water Resources Board (NWRB)	Mr. Ramon Alikpala	Executive Director
Philippines	Department of Environment and Natural Resources (DENR)	Ms. Analiza Rebuelta Teh	Assistant Secretary, Foreign Assisted & Special Project Office
Sri Lanka	National Water Resources Authority (NWRA)	Mr. Ananda. H. Jayaweera	Director
Thailand	Department of Water Resources, Ministry of Natural Resources and Environment (DWR, MoNRE)	Mr. Adisak Thongkaimook	Director General
Viet Nam	Department of Water Resources Management, MoNRE	Mr. Nguyen Thai Lai	Director General
Viet Nam	General Office for RBOs in Viet Nam (GO-RBO)	Dr. Vu Van Thang	General Director, WRD
Viet Nam	Southern Institute for Water Resources Planning (SIWRP)	Mr. Nguyen Ngoc Anh	Chief of Office
Viet Nam	Department of Natural Resources and Environment of Dong Nai Province	Mr. Phan Van Het	Vice Director

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Member	RKP	Southeast Asia	Global Water Partnership (GWP) SEA RWP	Mr. Siswoko Sastrodihardjo	Chairperson	
		South Asia	Global Water Partnership (GWP) SAS RWP	Mr. Suresh Prabhu	Regional Chairperson	
		South Asia	South Asia Network of River Basin Organization (SASNET-RBO)	Mr. Don Clement Sudharma Elakanda	Network Coordinator SASNET-RBO	
		South Asia	The Capacity Building Network for Integrated Water Resources Management South Asia (CapNet SA)	Dr. Jasveen Jairath	Regional Coordinator	
		Bangladesh	Institute of Water Modeling (IWM)	Mr. Emaduddin Ahmad	Executive Director	
		Indonesia	Indonesia Water Partnership (InaWP)	Mr. Achmadi Partowijoto	Member of Trustee	
		Indonesia	Foundation on Water Affairs ADHI EKA	Mr. Kusdaryono Sutosuromo	Chairman of the Executive Board	
		Indonesia	Faculty of Engineering, Brawijaya University	Dr. Agus Suharyanto	Vice Dean for Academic Affairs	
		Indonesia	Research Centre for Water Resources (RCWR)	Dr. Arie Setiadi Moerwanto	Director	
		Indonesia	Center for Environment & Civil Engineering Research	Dr. Indreswari Guritno	Head of the Water Resources & coastal engineering science group	
		Indonesia	Post Graduate Study on Water Resources Management Faculty of Engineering Gadjah Muda University	Dr. Budi Wignyosukarto	Senior Lecturer	
		Indonesia	SEMBRANI foundation	Mr. Mardjono Notodiharjono	Chairman	
		Japan	JAWA - Japan Water Resources Association	Dr. Toru Kondo	President Director	
		Japan	Japan River Restoration Network (JRRN)	Dr. Nobuyuki TAMAI	Chairperson	
		Japan	Graduate School of Management, Kyoto University	Dr. Kazuo YOSHIDA	Dean	
		Japan	Civil Engineering Research Institute for Cold Region, PWRI	Mr. Hiroshi TSUNEMATSU	Acting Chief Executive Officer	
		Malaysia	National Hydraulic Research Institute of Malaysia (NAHRIM)	Mr. Ahmad Jamaluddin	Acting Director General	
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			Thailand	Thailand Water Resources Association (TWRA)	Dr. Apichart Anukularmphai	President
		IRKP	Inter-region	Asian Development Bank Institute (ADB)	Dr. Masahiro Kawai	Dean

	Inter-region	Asia Pacific Association of Hydrology and Water Resources (APHW)	Dr. Katsumi MUSHIAKE	Secretary General
	Inter-region	International Centre for Water Hazard and Risk Management (ICHARM)	Dr. Kuniyoshi TAKEUCHI	Director
	Inter-region	International Research and Training Center on Erosion and Sedimentation (IRTCES)	Dr. Prof. Hu Chunhong	Secretary General
	Inter-region	IUCN - The World Conservation Union	Dr. John Dore	Leader, Asia Water & wetlands Program
	Inter-region	International Water Centre (IWC)	Mr. Mark Pascoe	Chief Executive Officer
	Inter-region	International Water Management Institute (IWMI)	Mr. Andrew Noble	Head IWMI-SEA
	Inter-region	The World Wildlife Fund International (WWF International)	Dr. Isabella Louis	Director, Asia Pacific Region
DCA	Inter-region	Asian Development Bank (ADB)	Mr. Jan P. M. van Heeswijk	Director General

Classification		Country/Region	Organization	Representative	Position
Interested	RBO	Indonesia	Balai Besar Wilayah Sungai Brantas	Ir. Sugianto, M. Eng	Head
		Indonesia	Balai Besar Wilayah Sungai Mesuji Sekampung	Ir. Hartanto, Dipl. HE	Head
		Pakistan	Water and Power Development Authority	Mr. M Mushtaq Chaudhry	General Manager (P&D)
		Thailand	Ping River Basin Committee	Ms. Supaporn Thongpook	President & Coordinator
	GOV	Bangladesh	Joint River Commission	Mr. Mir Sajjad Hossain	Director
		China	Haihe River Water Resources Commission, Ministry of Water Resources	Mr. Liu Chang Zhong	Senior Engineer
		China	Taihu Basin Authority, Ministry of Water Resources	Mr. Gong Zheng	Engineer
		China	Yellow River Conservancy Commission (YRCC), Ministry of Water Resources	Ms. Sun Feng	Director, Division of International Cooperation
	RKP	Japan	Ritsumeikan Asia Pacific University	Dr. Fransisco P. Fellizar, Jr	Associate Professor