



# For SMART implementation of IWRM

- Knowledgebase for IWRM -

14<sup>th</sup> April, 2015  
Daegu, South Korea

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# Knowledge Products

**Global Water Partnership Toolbox**  
 Integrated Water Resource Management

ABOUT TOOLS CASE STUDIES CRITICAL CHALLENGES PUBLICATIONS

**CROSS-SECTORAL INTEGRATION**

Enabling environmental, institutional, management, and financial instruments

WATER FOR PEOPLE WATER FOR FOOD WATER FOR NATURE WATER FOR INDUSTRY AND OTHER USES

What is common? Common Principles, Policy and Strategies

**Latest Case Studies**

Water, Integrated Watersheds, Assessment of agricultural practices, Country-wide Green River Basin (2011)

Republic of Armenia: Role of the Green Water Partnership in the water sector

Greater Capacity Building for Urban Water Resource Management in South and West African cities in partnership with the International WASH Centre (2011)

Water Use Efficiency for Water Resource Management in the West Nile Basin (2011)

Addressing drinking water quality issues: the role of the Green Water Partnership (2011)

**How to contribute**

You can help the Toolbox by contributing to the content, or by sharing your expertise with the community.

**A Handbook for Integrated Water Resources Management in Basins**

Global Water Partnership

**IWRM GUIDELINES at River Basin Level**

PART I PRINCIPLES

**AFRICAN MINISTERS' COUNCIL ON WATER HANDBOOK FOR DECISION MAKERS 2004-2007**

**Asian Water Development Outlook 2013**

Measuring Water Security in Asia and the Pacific

ADB Asia-Pacific Water Forum

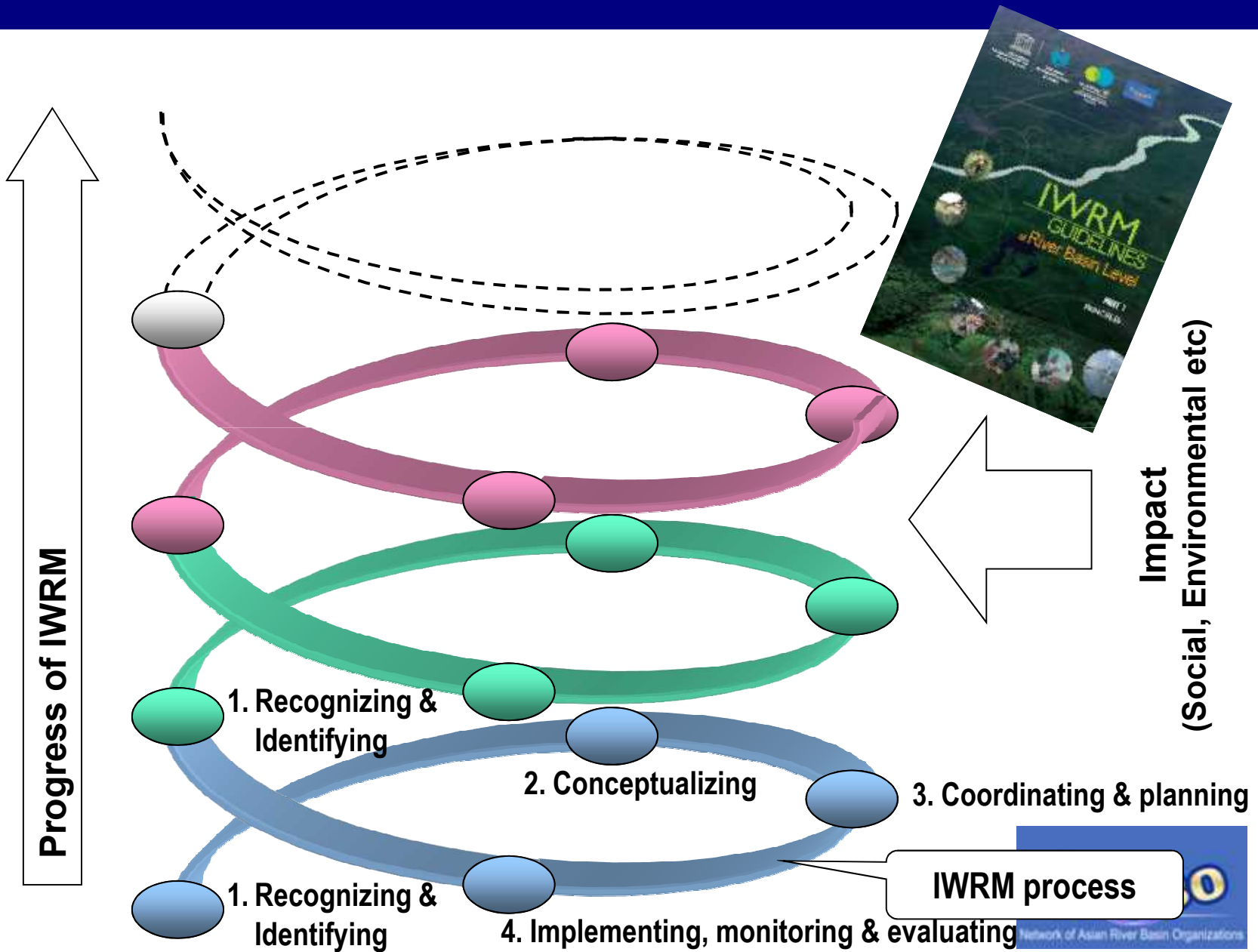
**WATER FOR A SUSTAINABLE WORLD WWDR 2015**

UNEP UN O.T. UN HABITAT UNICEF

**Status Report on The Application of Integrated Approaches to Water Resources Management 2012**

UNEP UN O.T. UN HABITAT UNICEF

# NARBO's IWRM Indicator (Synergy with Regional)



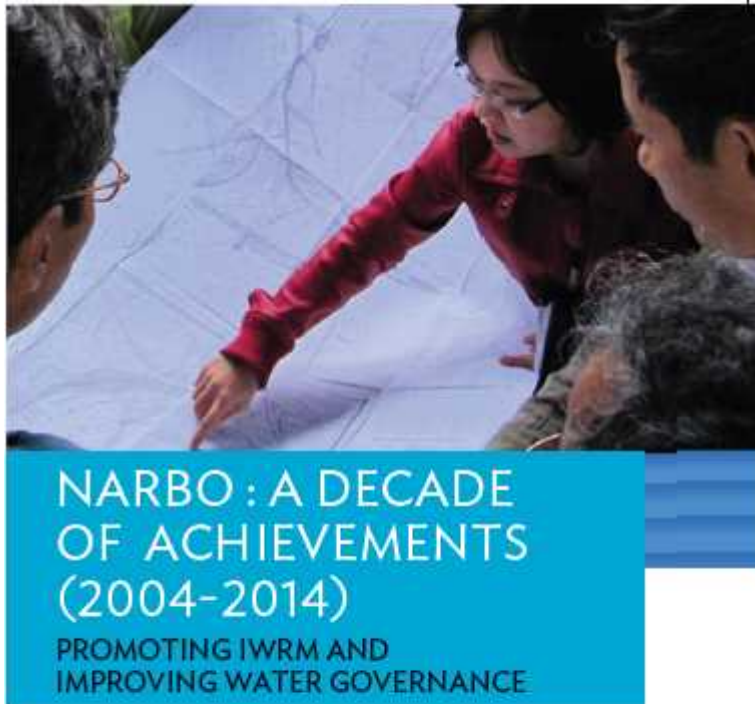
# Japan's Experience in IWRM



**Japanese Database of IWRM  
(Knowledge on IWRM)**

Chapter	Title
Introduction	Foreword / Using this report / Basic Facts of Japan
Chapter 1	Characteristics of water resources in Monsoon Asia and Concentration of Population in Alluvial plains
Chapter 2	Japan's Economic Growth, Water Demand and Policy Evaluation
Chapter 3	Chronicle of Water Use
Chapter 4	Evaluation of Legal System for Water Resources Management
Chapter 5	National plans and Water Resources Development
Chapter 6	Investment and Fund Mobilization
Chapter 7	Performance of Japan Water Agency as Executing Agency for IWRM
Chapter 8	Brief Introduction of Major Projects Executed by Japan Water Agency
Appendix	International Contributions of Japan Water Agency

# NARBO : A DECADE OF ACHIEVEMENTS (2004-2014)



- NARBO brought 'IWRM Spirits' into river. (H.E. Dr. Basuki Hadimoeljono)
- NARBO is a 'Regional Public Goods'.
- NARBO succeeded in networking within countries of the region, in dissemination of knowledge on IWRM, in raising awareness and in sharing experiences and knowledge on IWRM.
- NARBO has achieved notable and significant positioning among the international community.
- NARBO directly helped achievement in WRM in Indonesia by contributing the idea of RBO.
- PJT1 has added the management of three river basins to PJT1 in 2014. This is a concrete and direct contribution of NARBO.
- NARBO established the platform / network to communicate with RBOs in Asia and created an environment to develop concrete project proposals.



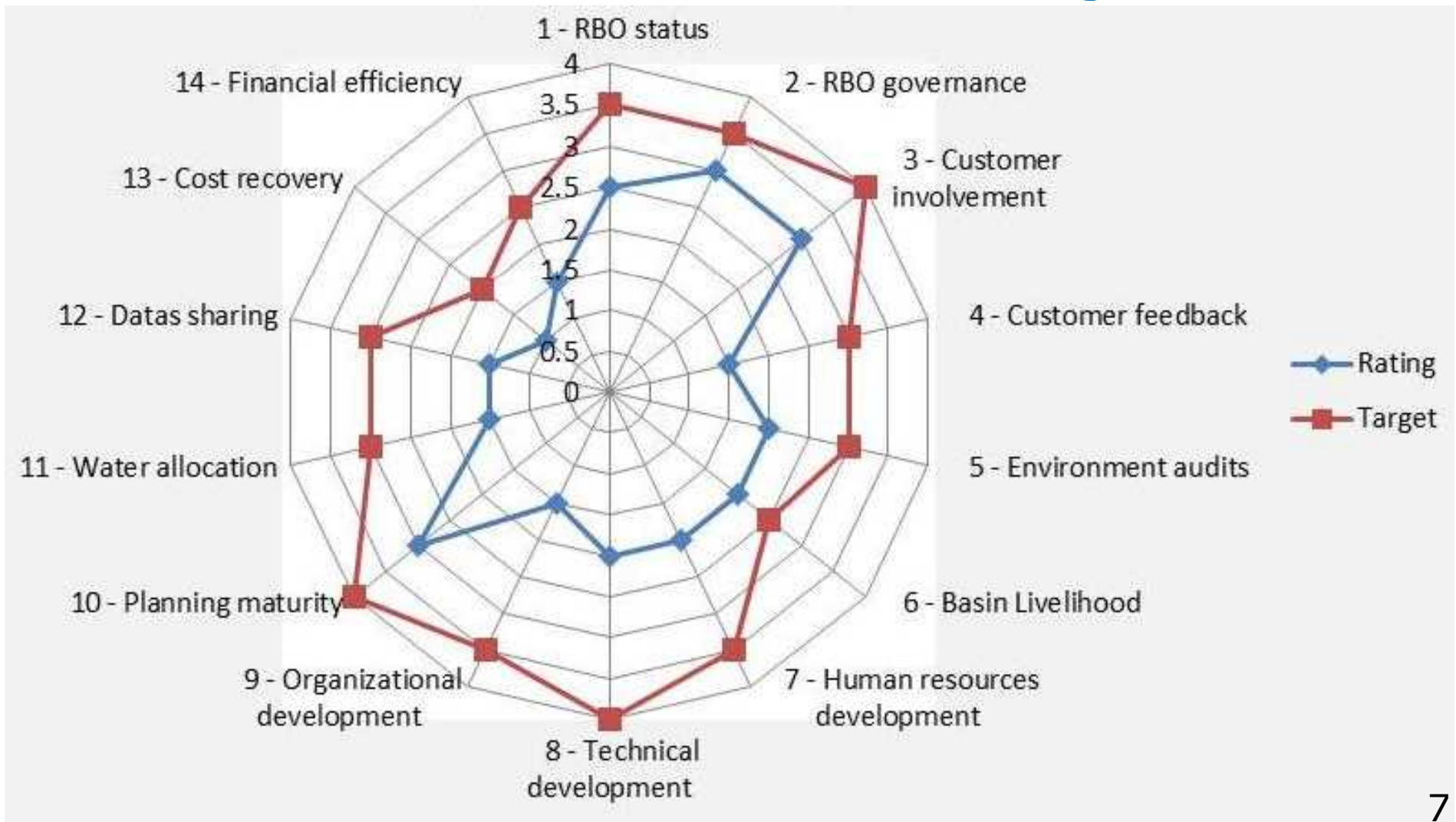
# NARBO RBO Performance Benchmarking

## 14 Indicators to measure the capacity of RBOs

5 Critical Performance Areas	Objectives	14 Indicators
Mission	IWRM	RBO Status
		RBO Governance
Stakeholders	Customer Satisfaction	Customer Involvement
		Customer Feedback
	Environmental Conditions	Environmental Audits
	Livelihoods	Basin Livelihoods
Learning and Growth	Human Resources	Human Resource Development
	Infrastructure	Technical Development
	Systems Development	Organizational Development
Internal Business Processes	Planning	Planning Maturity
	Resource Management	Water Allocation
	Information Management	Data Sharing
Finance	Financial Independence	Cost Recovery
	Financial Performance	Financial Efficiency

# NARBO RBO Performance Benchmarking

Progress is measured every year and plotted to show the achievement relative to the Target.



# Regional Process Inter-regional session on IWRM-

- 7<sup>th</sup> World Water Forum on 12-17 April, 2015 , Daegu & Gyeongju, South Korea

## *Over the Framework of Knowledge*

Date & Venue ; 11:20-19:00 on 13 April, 2015 in Gyeongju

Session convener ; Arab, MENBO & NARBO (with GWP, ESCAP & UNESCO)

### We re-recognized

- We have ample experience, knowledge and technology of IWRM in the region.
- There is still gap between international discussion and practical work.

Asia-Pacific Regional Synthesis and Commitment Session will be held on April 15, 2015, 14:40--19:00, at the Hyndai Hotel Gyeongju (B1F : Convention C/ Room 5/ GHH\_B 105).

### Our Commitment

- Boost actions to bridge the gaps by all players of IWRM and contribute to SDG target.

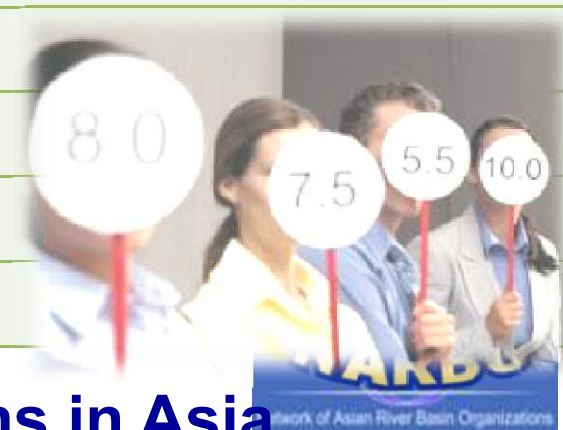




# NARBO's IWRM Indicator (Synergy with Regional)

Indicators are associated with the progress phase of IWRM process

Score	Contents
0	<b>Not recognizing</b> pressing issues or needs
1	<b>Recognizing</b> pressing issues or needs
2	<b>Identifying</b> pressing issues or needs
3	<b>Conceptualizing</b> the problem itself and formulating possible solutions
4	<b>Coordinating</b> among stakeholders in order to reach an agreement
5	<b>Planning</b> among stakeholders in order to reach an agreement
6	<b>Reaching</b> an agreement
7	<b>Implementing</b> the plan
8	<b>Monitoring</b> the plan and its outcome
9	<b>Evaluating</b> the plan and its outcome



Indicator was tested in many river basins in Asia.

# Networks



United Nations  
Educational, Scientific and  
Cultural Organization



International  
Hydrological  
Programme



# Questions / Challenges

- How do we make use of exiting knowledge products / networks for improvement?
- Our commitment



# Recent NARBO Activities

- NARBO 10<sup>th</sup> Anniversary Meeting in Manila on 19-20 November, 2014



## Manila Declaration

We, representing the members of the Network of Asian River Basin Organizations (NARBO), having met in Oakwood Premier Joy~Nostalg Center in Manila, Philippines, on 19-20 November, 2014 at the High-level Panel on 'Looking back a decade of NARBO Achievements and identifying the future direction of NARBO' convened to celebrate NARBO's 10-year anniversary, review NARBO's achievements and foresee NARBO's future, hereby:

- Recognize that IWRM is a useful concept to cope with the complex issues affecting water security such as, water-food-energy nexus and climate change;
- Re-affirm that IWRM is an adaptive management process that adopts an inclusive approach bringing stakeholders together to increase water security and improve water governance in river basins;
- Re-acknowledge significance of River Basin Organizations (RBOs) as champions that implement IWRM in their river basins, and believe that benchmarking contributes to improving their performance;
- Continue to use the UNESCO/NARBO 'IWRM Spiral' model and related training for improving IWRM capacity, and using locally adapted guidelines for implementing IWRM in our river basins;
- Endeavour to enhance our contributions to NARBO by active participation in regional activities for sustainability and to increase country-level NARBO activities for better networking in our countries;
- Believe that in the spirit of sustaining existing efforts and further achieving water for all, young leaders should be trained, supported and involved in IWRM;
- Continue to ensure gender balance in NARBO activities;
- Resolve to contribute to the achievements of the international goals on IWRM such as, the POST-2015 Agenda (Sustainable Development Goals) and OECD Water Governance Initiatives; and
- Endeavour to improve our engagement with donors, UN-agencies, civil society, private sector, decision-makers and with actors outside the water sector to ensure that water is integrated into key socio-economic development decisions.

We strive as a network to uphold these commitments to the best of our abilities.

Manila, Philippines  
20 November 2014

## Manila Declaration



**Declared by Youth Group**  
who are expected to take a lead of water society.

# *Thank you for your attention!*



For further information, please visit our website. <http://www.narbo.jp/>  
If you have any questions, please contact to NARBO Secretariat.

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