



THE EAST ASIAN SEAS CONGRESS

27-30 November 2018

Iloilo Convention Center

PHILIPPINES



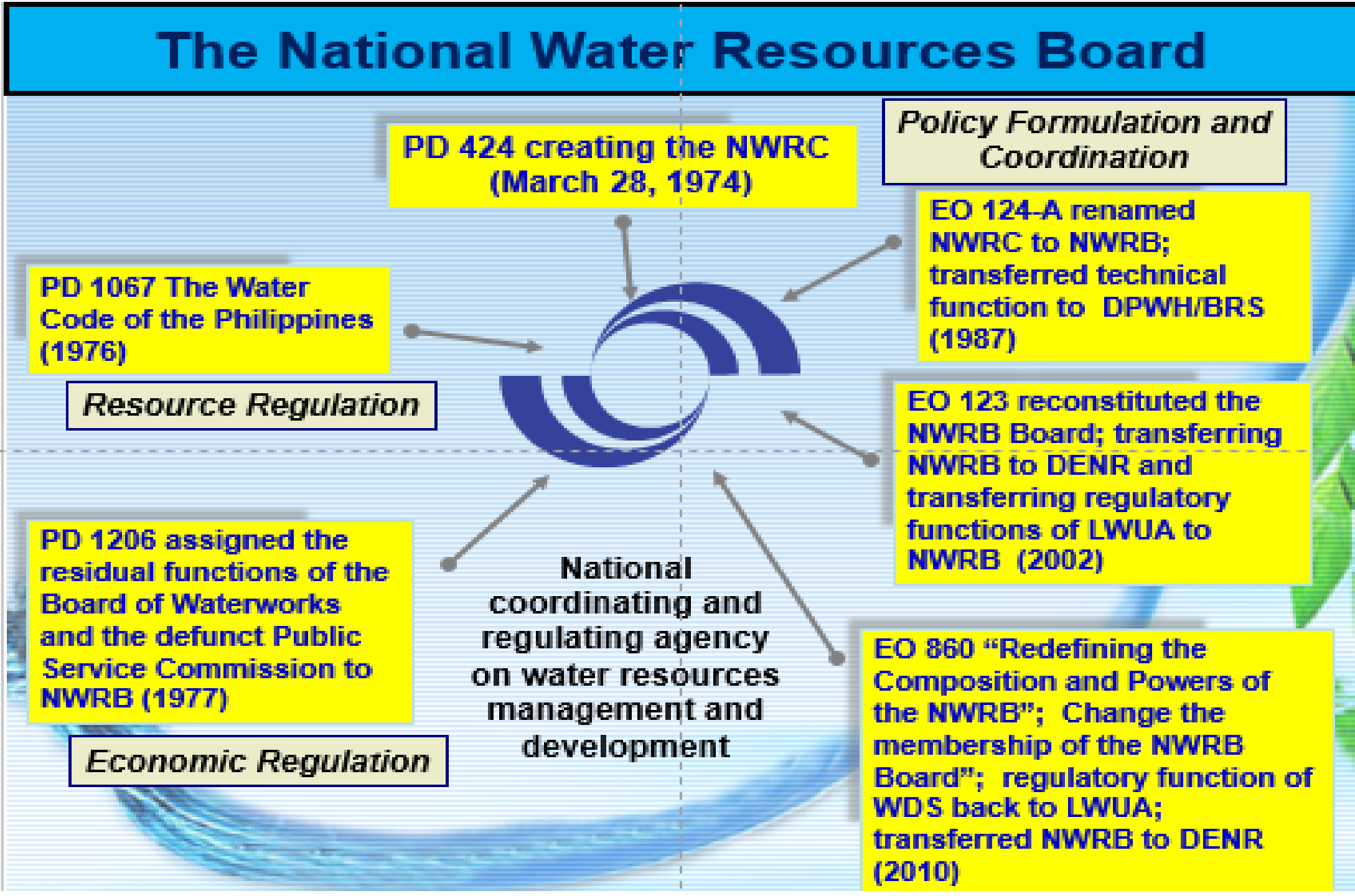
# SESSION 2.4 S2S:

Catalyzing Improved Source-to-Sea (S2S) Governance, Management and Investment in East Asia and Southeast Asia

## ***“INTEGRATED WATER RESOURCES MANAGEMENT (IWRM) IN THE PHILIPPINES”***

NATIONAL WATER RESOURCES BOARD







# Major Functions, Programs and Activities

## 1. Policy Formulation and Coordination

Formulate policies and plans within the framework of Integrated Water Resources Management (IWRM)

- | Plans   |
|---|
| <ul style="list-style-type: none"> <li>• 2007 Philippine IWRM Plan Framework</li> <li>• IWRM Plan in Pampanga RB</li> <li>• Groundwater Management Plan in Water Constraint Cities</li> </ul> |

- | Policies  |
|---|
| <ul style="list-style-type: none"> <li>• Groundwater Allocation for Metro Manila and surrounding areas</li> <li>• Groundwater Allocation for Metro Cebu</li> <li>• Granting of Water Rights over Surface Water for Hydropower Projects requiring more than 80% dependable flow</li> </ul> |



# What is IWRM?

**a process which promotes the coordinated development and management of water, land, and related resources in order to maximize resultant economics and social welfare in an equitable manner without compromising the sustainability of vital ecosystem.**

**(Global Water Partnership)**

State's responsibility only  
Centralized and controlled  
Sectoral planning



Society's responsibility  
Sharing and transparent  
Fully integrated planning



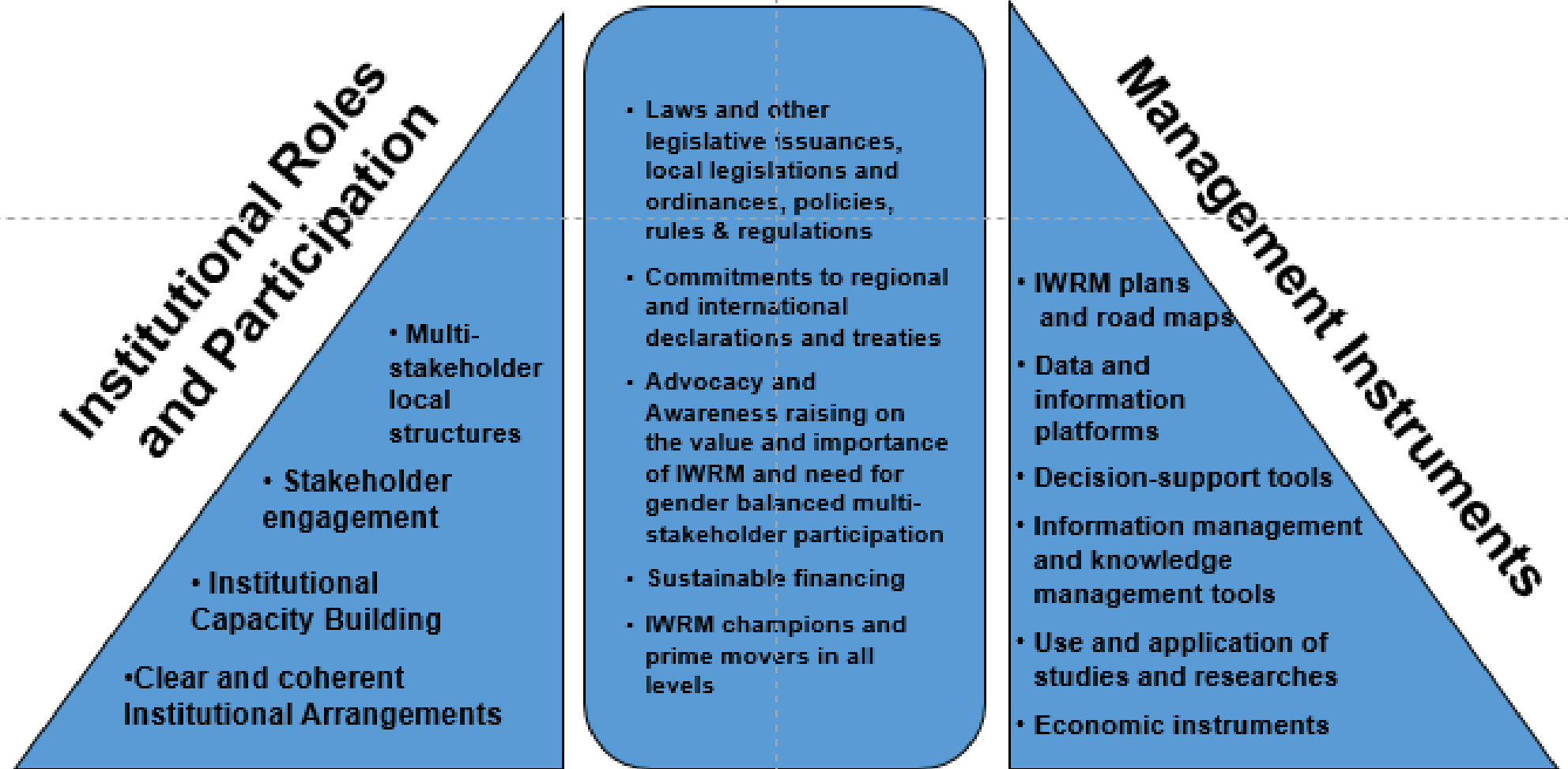
# Operational Framework of IWRM

**Economic Efficiency**

**Ecological Sustainability**

**Social Equity**

## Enabling Environment





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## NATIONAL WATER POLICY



- Practice IWRM in the water sector
- IWRM as a Climate Change Adaptation Strategy to attain Water Sufficiency and towards water security.



## Philippine IWRM Plan Framework

### Sustainable Outcome

1. Effective Protection and Regulation for Water Security and Ecosystem Health
2. Sustainable Water Resources and Responsive Services for Present and Future Needs
3. Improved Effectiveness, Accountability, and Synergy among Water Related Institutions and Stakeholders
4. Adaptive and Proactive Response to Future Challenges

## International Commitments



NWRB acts as focal agency in the ASEAN Working Group in Water Resources Management (AWGWRM)

- Exchanging Information and Creating Awareness in a Structured Basis between Peak Bodies being implemented by the Philippines thru NWRB
- Reducing Pollution and Preserving Environmental Flows in the East Asian Seas through the Implementation of Integrated River Basin Management in the ASEAN (for support with ASEAN-UNDP-GEF)
- Building Resilience for Sustainable ASEAN (from Water Related Disasters)



**Degree of Philippine IWRM Implementation based on available data and the provided methodology for rating each questions**

The indicator 6.5.1 score is the average of each of the section scores.

Section	Average Score
Section 1 Enabling Environment	64
Section 2 Institutions and Participation	53
Section 3 Management Instruments	52
Section 4 Financing	37
<b>Indicator 6.5.1 score = Degree of IWRM implementation (0-100)</b>	<b>51</b>

**Plans/Studies**

- Philippine IWRM Plan Framework
- Water Resources Assessment Studies
- IEC activities

**Policies**

- Moratorium on acceptance of WPA in Boracay, Metro Manila & Metro Cebu
- Cancellation of Water Permit due to non-use

**On-going Initiatives**

- Adoption and Operationalization of Integrated Water Resources Management through the river basin and island basin approach.
- Preparation of a Water Security Road Map (Agriculture, Domestic, Economic, Environment, Governance, Resilience and Urban)
- Updating of the National Climate Change Action Plan

Executive:

- Creation of a an Apex Body to address institutional fragmentation and improved science-based decision making.

Legislative :

- Proposed Water Regulatory Commission and Department of Water
- Amendment of the Water Code of the Philippines



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Thank you!!



*Improving the Way We Use  
and Manage Water Today  
Will Make It Easier to  
Address the Challenge of  
Tomorrow*

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