Water Environment Partnership in Asia (WEPA)

3rd International Workshop

INTORDUCTION

WEPA Secretariat
Institute for Global Environmental Strategies (IGES)

What is WEPA?

- **WEPA** is a partnership program on water quality management improvement in Asian countries
- **An initiative of the Japanese Ministry of the Environment**
  - proposed at WWF3 in March 2003 and launched in 2004
- **Project period :**
  1st Phase: April 2004 - March 2009
  2nd Phase: April 2009 – March 2014

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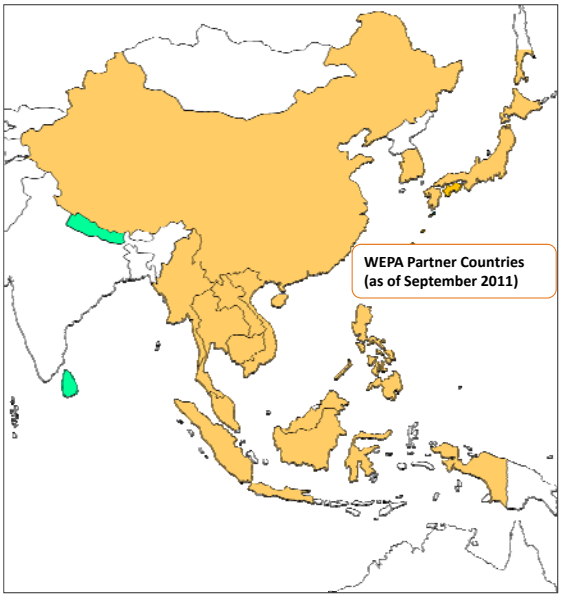
WEPA Partner Countries



11 countries : 1st phase

- Cambodia
- China
- Indonesia
- Korea
- Lao PDR
- Malaysia
- Myanmar
- Philippines
- Thailand
- Viet Nam
- Japan

2 more countries from the 2nd phase

- Nepal
- Sri Lanka

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Objectives of WEPA

- **Overall Goal: Strengthening Water Environmental Governance**

To attain the overall goal, WEPA set the following immediate goals.

- develop an **information platform** that will contribute to strengthening water governance and water environment conservation in Asia monsoon region
  [WEPA Database http://www.wepa-db.net/]

- To share the **data, knowledge and experiences** in the region with similar natural and socioeconomic conditions
  [WEPA dialogue, WEPA workshop]

- To contribute to the **capacity-building** of partner countries through collaborative wor
  [WEPA meetings (dialogue, workshop) and a training course under JICA-WEPA collaboration]

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WEPA Focus on the Second Phase

FOCUS:
Knowledge sharing for finding solutions

(photo by IGES)

TOPICS:

1. **Situation analysis on Water Environmental Governance**
   (Management systems)

2. **Two priority topics identified in the 1st Phase**
   (1) Domestic wastewater treatment
   (2) Adaptation to Climate Change in Water Environmental Sector

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3rd WEPA International Workshop: Strucutre

TOPIC1:
Current Policy Responses to Attain National Water Quality Target and Future Challenges

TOPIC2:
Water quality management in the context of basin management

TOPIC3:
Domestic Wastewater Management

- Domestic wastewater management: Implementation issues in wastewater treatment
- Domestic wastewater management: Alternative options to large scale of sewerage treatment plant

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TOPIC 1. Current Policy Responses to Attain National Water Quality Target and Future Challenges

- **Share the progress of water environmental management in WEPA countries**
  ➔ follow up of the 6th Annual Meeting held in Tokyo, February 2011

- **Re-recognize the water quality target in each WEPA countries as a reference to one of the targets of the 6th World Water Forum to be held in Marseille, France, March 2011.**
  ➔ Target 3 under Priority for Action 3.1 "Improve the quality of water resources and ecosystems"

- **Exchange ideas on matching of "water environmental management challenges" and "knowledge-sharing opportunity" for future WEPA actions.**

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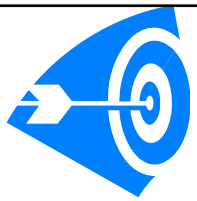

Target 3 under Priority for Action 3.1 "Improve the quality of water resources and ecosystems"

By 2015, each country will set a quantitative target, with an agenda, on reducing nutrient inputs and pollution from urban wastewater effluent and land-based activities, **supported by a national prioritization decision to protect and enhance the quality of water for human well-being and to support the sustainability of water resources and ecosystems.** The target will be supported by strategic multi-stakeholder collaboration and by increasing scientific and technical cooperation at the international level.

TOPIC2: Water quality management in the context of basin management

- **To know policies and experiences of water quality management in the context of basin management.**
- **What is the role that river basin organization should/could play in water quality management?**
- **Collaborative Session with the Network of Asian River Basin Organization (NARBO)**
  - the Secretariat of NARBO (Japan Water Agency) and two NARBO members (LLDA of the Philippines and PJ2 of Indonesia) will make presentations on their experiences.

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TOPIC3: Domestic Wastewater Management

- Share status of analysis done by WEPA Secretariat on domestic wastewater management challenges.
- Learn from WEPA partners' experiences on how they try to manage implementation issues in wastewater treatment
- Consider possible options of domestic wastewater treatment based on the experiences of WEPA partners – focusing on alternative options to large scale of sewerage treatment plant.

➔ **Identify future knowledge sharing priority of WEPA activities**

(photo : IGES)

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Structure of and Expectation for the Workshop

- **In principle, each session consists of**
  - **keynote lecture** (experiences of host country)
  - **country presentations** (lessons from our partners)
  - **discussion** (for identification of common/important issues that WEPA should further discuss to find solutions)

YOUR ACTIVE PARTICIPATION in DISCUSSION IS THE KEY FOR SUCCESS OF THIS WORKSHOP!

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