

Reflection of the 2nd Phase of WEPA

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Objective of WEPA

- To **strengthen water environmental governance** that is a key to address water environmental problems.

Definition of Water Environmental Governance in WEPA

Enhancement of efficiency and effectiveness in planning and implementation of policy and legislation for improvement of water environmental problems and also maintain sound water environment.

The elements of water environmental governance is, for example, legislation, systems to secure implementation, organisational arrangement, human capacity, financial capacity, partnership and communication with community.

Concept of WEPA (1st Phase to 2nd Phase)

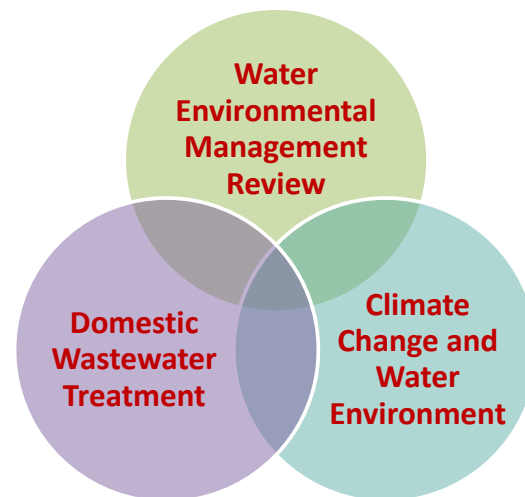
1st Phase

Establishment of
Knowledge Platform



2nd Phase

Knowledge Sharing for
Solution Finding



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Basics of the WEPA 2nd Phase

1. Project Duration: April 2009 – March 2014
2. Partner countries: 13 countries (Cambodia, China, Lao PDR, Indonesia, Republic of Korea, Malaysia, Myanmar, **Nepal***, Philippines, **Sri Lanka***, Thailand, Viet Nam, Japan) * new partners since 2nd Phase
3. Main Activities:
 - (1) Literature Review/Survey(Questionnaire, Interview)
 - (2) Bilateral Meeting, International Workshop, Thematic Workshop
 - (3) Publication/Inputs to the International Discussion

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Reflection of the WEPA 2nd Phase

Reflecting the WEPA 2nd Phase from the following viewpoints: Knowledge Sharing for Solution Finding

- 1. Accumulation of Knowledge (How?, What?)**
- 2. Sharing of Knowledge (How? Whom?)**
- 3. Comments from Policy Maker/Expert**

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1. Accumulation of Knowledge

Topics

(1) Water Environmental Management(Overall)

- Progress and Issue Identification
- Comparison of Different Frameworks in Different Countries

(2) Water Environmental Management(Industrial Wastewater Management)

- Current Situation and Issue Identification

(3) Domestic Wastewater Treatment

- Current Situation and Issue Identification
- Good Practices

(4) Climate Change and Water Environment

- Current Situation and Issue Identification
- Latest Results of Existing Study

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1. Accumulation of Knowledge

Methodology

Items	Water Environmental Management (Overall)	Water Environmental Management (Industrial Wastewater Management)	Domestic Wastewater Management	Climate Change and Water Environment
Literature Review	✓	✓	✓	✓
Presentations	✓	✓	✓	✓
Questionnaire Survey		✓	✓	✓
Interview Survey	✓	✓	✓	

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1. Accumulation of Knowledge

Outcomes (Water Environmental Management)

1. Overview of Water Environmental Management Frameworks in **13** WEPA Partner Countries
2. Recent Development in Water Environmental Management and Challenge
3. Common Challenges among **13** WEPA Partner Countries



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1. Accumulation of Knowledge

Outcomes (Domestic Wastewater Treatment)

1. Current Situation and Issue on Domestic Wastewater Treatment in **13** WEPA Partner Countries
2. Good Practices (**25** cases)
 - Strategic and Programmatic level of experience on domestic wastewater treatment ((1) Implementation Issues in wastewater treatment, (2) Alternative options to large scale of sewerage treatment plant)
 - Technology and Management Frameworks of Decentralized Domestic Wastewater Treatment



**Policy Brief
(To be
prepared)**

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1. Accumulation of Knowledge

Outcomes (Climate Change and Water Environment)

1. Impact of Climate Change on Water Quality and Aquatic Ecosystem
2. Adaptation Policies/Strategies of WEPA Partner Countries
3. Potential for Climate Change Impact Study to Lead to Development of Policies for the Water Environment
4. Latest Result of Existing Study on Climate Change Impact and Adaptation



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2. Sharing of Knowledge

How to share

(1) Presentation in Meeting (among WEPA partners)

- Bilateral meetings (3 times: Indonesia, Nepal and Sri Lanka)
- International workshops (4 times: Hanoi, Tokyo, Manila and Siem Reap)
- Thematic workshop on domestic wastewater treatment (1 time: Jakarta)

(2) Inputs to International Discussion

- Workshop (co-organized with SCA) at ASPIRE/IWA (Tokyo, 2011)
- Session and Side Event at 6th World Water Forum (Marseille, 2012)
- Technical Workshop at 2nd Asia-Pacific Water Summit (Chiang Mai, 2013)

(3) Publication

- WEPA Outlook 2012 (English and Japanese)
- Policy Brief (to be uploaded to WEPA database in 2014)

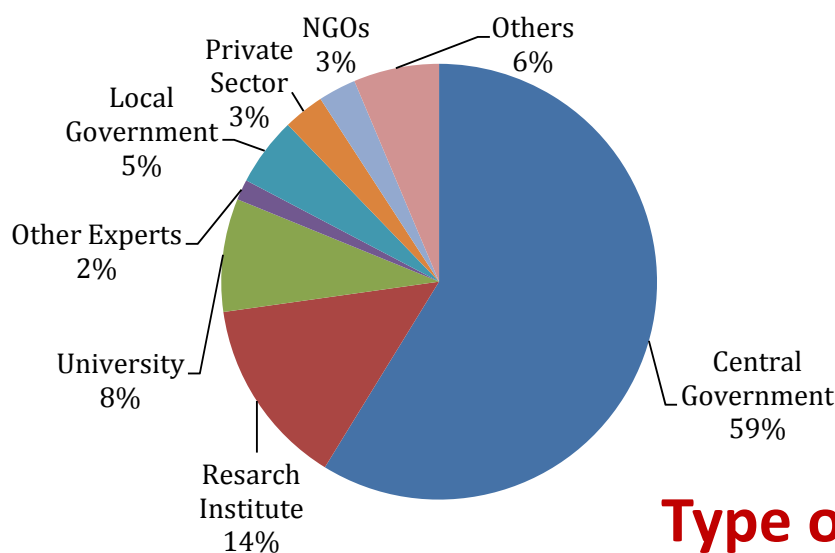
(4) WEPA database

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2. Sharing of Knowledge

Number of Knowledge Recipient(Networking)

Cumulative total of **393** persons in 8 meetings/workshops



Type of Participant

12

2. Sharing of Knowledge

Outlook 2012 (English version)

- number of booklet distributed: **423**
- number of CD distributed : **500**
- number of softcopy (pdf) downloaded from website: **4,003** (until Dec 2013)



Outlook 2012 (Japanese version)

- number of booklet distributed: **322**
- number of softcopy (pdf) downloaded from website: **1,888** (until Dec 2013)



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3. Comments from WEPA partners

Questions to WEPA Partners (Policy Maker/Expert)

1. Useful activities/information provided by WEPA
2. Appropriateness of theme selection
3. WEPA database (Experience, Improvement Point)

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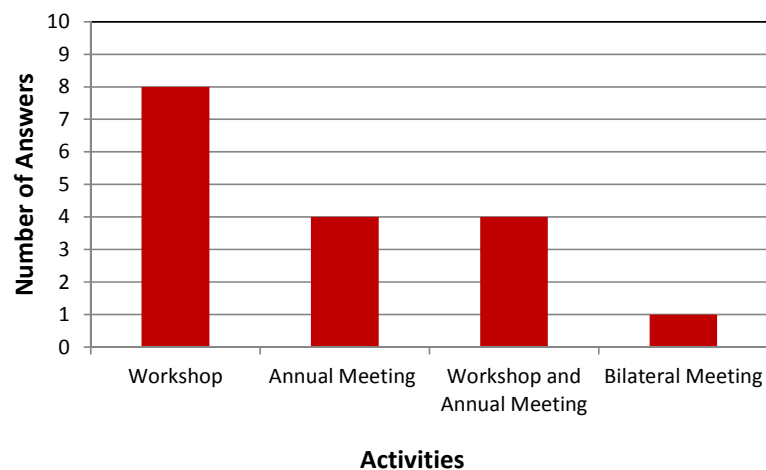
Answered by 11 Partners in 10 countries

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3. Comments from WEPA partners

Answers to Questions 1

1. Useful activities/information provided by WEPA



* WEPA bilateral meeting in Sri Lanka was useful for Sri Lanka because it was benefitted to existing wastewater discharge regulation amendment process

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3. Comments from WEPA partners

Answers to Questions 2

1. Appropriateness of theme selection: **Appropriate (100%)**

Answers to Questions 3

1. Experienced to access WEPA database in 2nd Phase: **Yes (100%)**
2. Improvement point of WEPA data base
 - **Regulatory updated**
 - **More information (regulatory detail, Policy, Technology)**
 - **Additional database sub-component needed** ¹⁷

3. Comments from WEPA Advisor

Although there are achievements satisfied, more efforts and desirable activities are as follows,

1. More **PR** of WEPA for general people in each country,
Homepage of each country in own language
Collection of local people voices
2. **Analysis** of data, and
Objective aspect
Participation to academic society
3. **Brains** for each country.
Own advisors