

OUTLINE OF WEPA SECOND PHASE FINAL REPORT

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BACKGROUND

WEPA publications in the past

- WEPA Outlook, which is produced every three years and launched at the occasion of the World Water Forum.
- WEPA Outlook contains “country information” and “thematic chapters”. WEPA Outlook covers three thematic topics (domestic wastewater, water environment management, and water environment and climate change).
- In 2014, Web-based WEPA briefs will be launched.

IN ADDITION TO THOSE PUBLICATIONS,

“THE FINAL REPORT” will produced by March 2014.



Goals of the Final Report

TO OVERVIEW WEPA ACTIVITIES IN THE SECOND PHASE

- Concise but provides enough information to know “WEPA” and its achievements in the second phase.



- Important findings and messages are presented in one publication.

TO EMPHASIZE “PARTNERSHIP” WEPA PROMOTED

- By showing “faces” and “voices” of our partners.



TARGET AUDIENCE

Decision makers and policy makers
In partner countries

EXPERTS

Who are interested in water environmental issues in Asia



Table of Contents

- Introduction : the Water Environment in Asia
- Message from MOE Japan & WEPA Advisor
- “What is WEPA?” and the objective of the 2nd phase
- Summary of 2nd phase activities
- Comments from Partners – partner countries and experts*
- Thematic Topics (approx. 2-page summary of each focal topic)
 - ✓ Progress of policy for water environmental management in partner countries (water environmental governance)
 - ✓ Domestic wastewater treatment
 - ✓ Industrial wastewater management
 - ✓ Climate change and the water environment
- Appendix
 - ✓ List of Focal Point
 - ✓ List of 2nd phase activities(Chronological table)

**In Total,
approx.
60 pages.**

ASKING YOUR INPUTS

1. Elements to be included in the concerted message from WEPA group
 - in introductory parts
 - in summary page
2. Inputs to draft final findings/messages in each thematic topic part.
3. Your comments have been edited by the Secretariat. Please confirm the contents while your stay in Japan!



ELEMENTS TO BE INCLUDED IN THE WEPA MESSAGE (IN INTRODUCTION AND SUMMARY)

1. Roles of WEPA to improve water environmental management

- knowledge sharing and lesson learning among partner countries
- as a common platform to discuss the issue

2. Water environment and sustainable development (SD)

Sound water environment is a basis for SD from various aspects – safe drinking water, well-being, satisfying necessary water quality for different use, etc.

ANY OTHER POINTS TO BE INCLUDED?



THEMATIC TOPIC (1) WATER ENVIRONMENTAL MANAGEMENT

• SIGNIFICANT PROGRESS IN THE PAST DECADES

WEPA partner countries have been tackled with water environmental issues in their own countries and we saw the development of water environmental management scheme in each country, but the level of progress differs from country to country.

• A COMMON CHALLENGE: HOW TO ENSURE IMPLEMENTATION AND COMPLIANCE

• INFORMATION IS THE KEY

to strengthen implementation and compliance.

- Information on “current status” (e.g. ambient water, effluent)
- Information sharing among different stakeholders/line agencies
- Store and utilize information of data
- + information of good and bad practices in different countries



THEMATIC TOPIC (2) DOMESTIC WASTEWATER

- **DOMESTIC WASTEWATER – A COMMON CHALLENGE**
but levels of implementation and enforcement are quite different among partner countries.
- **GOVERNMENTAL SUPPORTS AS AN ENCOURAGEMENT**
for proper installation and operation in terms of “technology”, “standardization”, “financing”, “outsourcing” and “education”.
- **KEY TO SUCCESS of DECENTRALIZED SYSTEM**
Systems of operation and maintenance is the key. Charging and periodical monitoring are the major elements.
- **STAKEHOLDER INVOLVEMENTS**
Different roles but need actions of all stakeholders with proper coordination
- **VISION OF DEVELOPMENT**
Choices of technologies need “vision” of development.



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THEMATIC TOPIC (3) INDUSTRIAL WASTEWATER

- **THERE ARE POLICIES AND MEASURES of CONTROL**
Developed to some extent, but need updates/improvements
- **THREE GAPS**
 - a) Capacity gap**
Lack of staff capacity of staff, equipment, and knowledge to implement legal procedure
 - b) Information gap**
 - a. Not enough baseline information for promoting enforcement
 - b. Hugging of the data (no or less info. sharing mechanisms)
 - c. Doubts on “reliability” of data
 - c) Institutional gap**
Weak coordination
- **FILLING GAP THROUGH CRITICAL REVIEW**
in consideration of different industrial structure and political systems in partner countries.



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THEMATIC TOPIC (4)

CLIMATE CHANGE AND WATER ENVIRONMENT

- **INCREASE OF ATTENTION TO “ADAPTATION”**

Only water quantity? NO. - Water quality aspects need appropriate attention. (e.g National Adaptation Plan)

- **DEVELOPMENT OF SCIENTIFIC EVIDENCE FOR FUTURE DECISION MAKING**

By strengthening current water quality management especially in water monitoring and data management

- **UTILIZATION OF LOCAL EXPERIENCE and KNOWLEDGE**

A way to know “what happens” and “how to adapt to change”

- **INTEGRATED “MITIGATION” AND “ADAPTATION” IN WATER ENVIRONMENTAL MANAGEMENT**

Mitigation measures in wastewater treatment +

Adaptation to changes in water quality (adaptive management) >

Comments from partners

Who provided comments?

In total, comments from more than 17 persons will be shown in the report.

- Focal point persons (*We are waiting for inputs from China, Myanmar, Philippines, and Viet Nam*)
- Selected experts who are participated in the past WEPA meetings

What were asked?

1. Responsibility (tasks) of the person
2. The state of water environment
3. What gained from WEPA and how they are utilized
4. Expectation to WEPA

Specific questions to the experts related to domestic wastewater

5. State and observation of the impact of domestic wastewater to water environment >
6. How WEPA contributed to the improvement of domestic wastewater treatment

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IF TIME PERMITS...

We welcome your comments for WEPA OUTLOOK 2015 to be prepared from April 2014.

- how to differentiate this “Final Report” and next “outlook”
- Any topics or analytical points you think the next outlook need to cover
- Comments for “country profile” part.



THANK YOU!!!

