



WATER
CONVENTION

Transboundary Water Allocation Handbook

2nd Expert Group Meeting
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Presenter:

Phera Ramoeli, OKACOM

Thematic Group Discussion:
Assessment of water resources

Case study:

XXXXXXXXXXXX



SLIDE 1: Key reactions on current content of this thematic element of transboundary water allocation

1. What are the most important aspects of this thematic element to include in the Handbook?
 - A. **Availability & Variability of Surface Waters and Groundwaters**
 - B. **Competing Uses**
 - i. **Water Scarcity & Efficiency**
 - ii. **Sectors: Different major water use sectors (agriculture, industry, households, environment).**
 - C. **Climate Change as a Cross-Cutting Challenge**
 - D. **Integrity of ecosystems**
 - E. **Historical, Current & Future Uses**
 - F. **Impacts of Withdrawals and Flow Regulation**
 - i. **Existing Uses:** Overview on how various water uses and functions can be reconciled with finite supply and considering the aspects of quantity, quality, timing, and ecosystem requirements.
 - ii. **Water Quality:** Impact of withdrawals and flow regulation on water quality; dilution of pollution loads
 - iii. **Ecosystem Degradation:** Importance of ecosystems, levels to be maintained, minimum requirements.
 - G. **Preventing, Controlling and Mitigating Impacts**
 - H. **Reconciliation of Different Water Uses and Needs**
 - i. **Equitable and Reasonable Utilization**
 - I. **Cooperation and Good Neighbourliness**
 - i. **Transboundary Water Agreements**
 - ii. **Joint Bodies and Cooperation Arrangements**
 - J. **Knowledge Base for Transboundary Water Allocation**
 - K. **Assessing Available Water Resources and E-flows**
 - L. **Environmental Impact Assessment**

2. Highlight and discuss the potential need to limit withdrawals or prioritise certain uses (particularly human consumption and domestic use) at times
 - a. If information about available resources is available and the legitimate demands are known and prioritised it will be easy to negotiate sustainable and equitable allocation;
 - b. It would be good to carryout an options assessment so that the basket of benefits and therefore the available resources are equitably distributed per established needs;
 - c. Baseline Assessment of the basin to determine the health status and define the development space
- Where would you highlight this thematic element within the different Chapters and how?
- Chapters: II, III, and IV,
 - How would you avoid repetition and demonstrate linkages?
 - By referencing the various elements at the appropriate sections to avoid repeating them as well limiting the depth of discussions of each issue.

SLIDE 2: Reaction / proposal on illustrative case study/s

- Some case studies have been identified as relevant to this thematic element.
 1. The CORB E-flows Assessment Study – Environment as a legitimate user of the Resource;
 2. The Draft Water Allocation Strategy – The methodologies and processes of coming up with the Strategy; specific elements addressed by the strategy e.g. prioritized needs, available resources, etc.
 3. The OKACOM DSS Framework – Information Collection, Processing and sharing.