

# Transboundary cooperation between Cambodia and Viet Nam Integrated Water Resources Management in the Sesan and Srepok Sub-Basins



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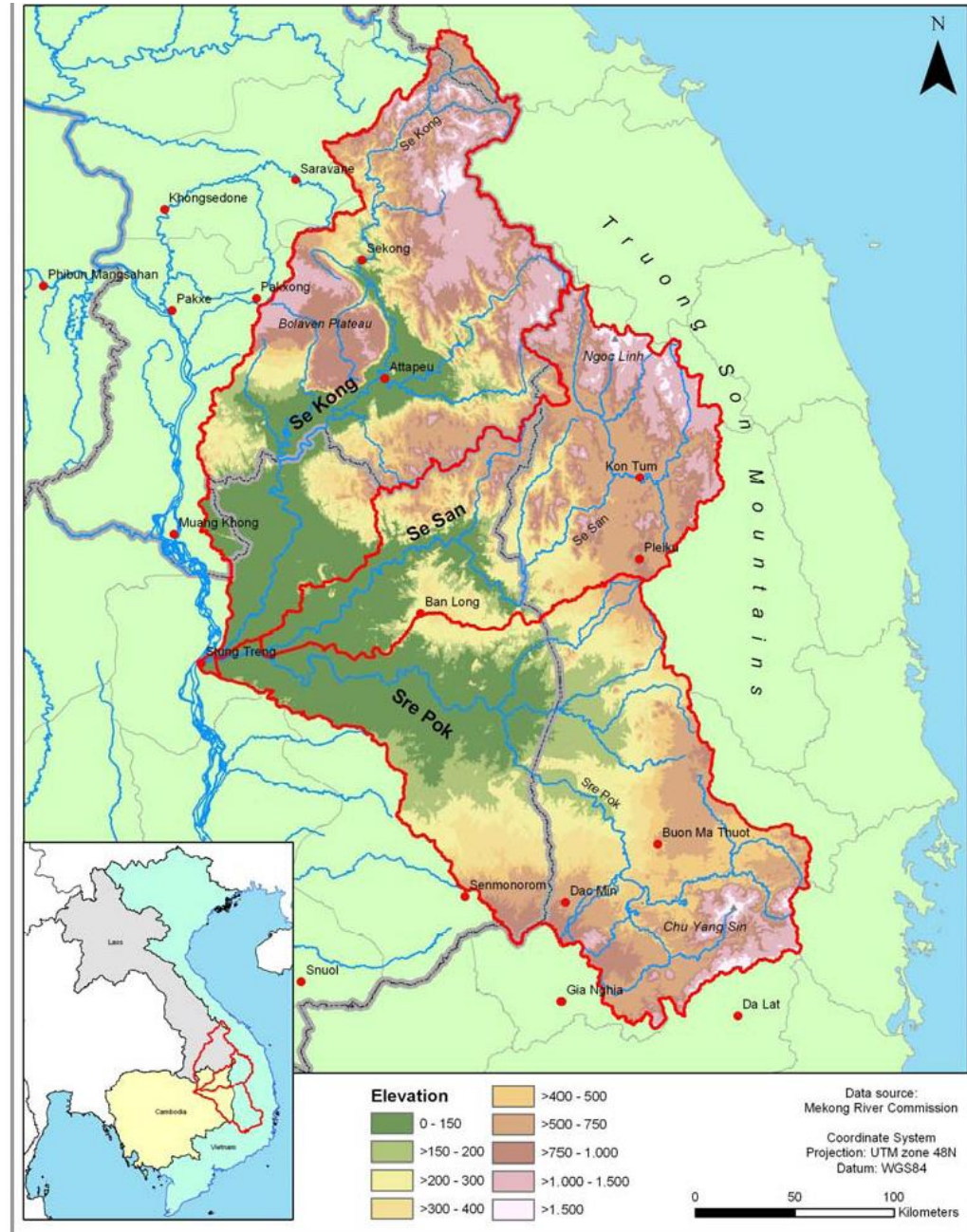
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# Background

- ▶ The sub-basins of the Sesan, Srepok and Sekong rivers (3S) basin, which takes a significant role in the LMB (social, economic, cultural and environmental factors). The Sesan and Srepok catchment area comprises the two countries of Cambodia and Viet Nam
- ▶ Catchment area: 49,830 km<sup>2</sup> ; Respective discharge contribution of about 20% to the Mekong's flow.
- ▶ Population: 190,000 living in Cambodia; 2.3 million people inhabit the Viet Nam territory

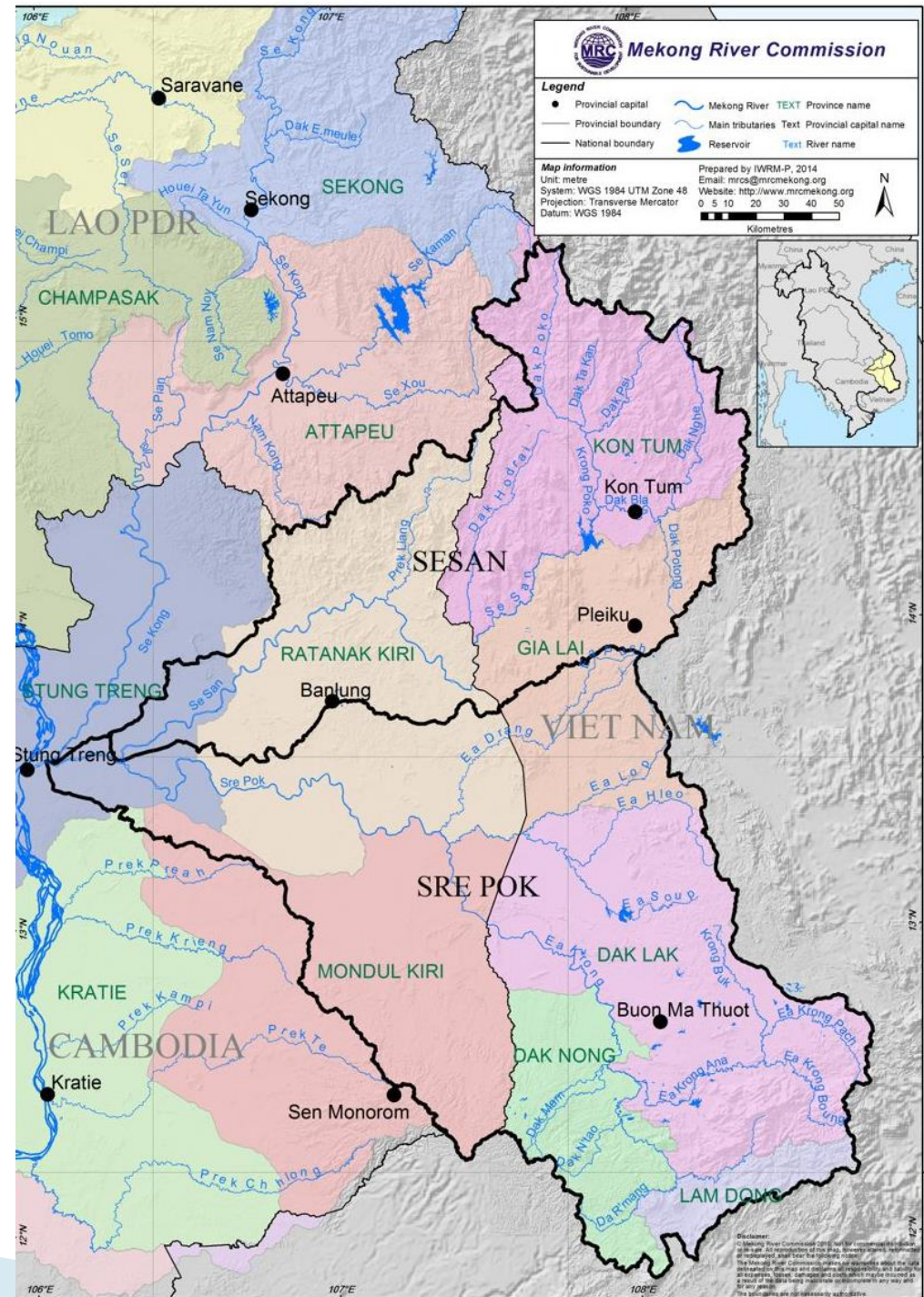




# Background

## Integrated Water Resources Management issues:

- Flood, drought, fisheries and sediment management.
- Infrastructure and future developments : hydropower, mining, agricultural irrigation
- Key water management issues: rivers' flow regimes, sediment and nutrient transport, river ecology, fisheries and livelihoods



# Background

- ▶ There is little knowledge and capacity for appropriate management and implementation of mitigation measures to adequately handle the impacts of the existing, proposed and planned infrastructures.
- ▶ Flood management plays an important role; Cambodia and Viet Nam have already undertaken efforts to optimize the situation. A mechanism has been established to exchange and share information on both the flood situation and hydropower operation schemes in emergency cases. This mechanism demonstrates its important role in practice, however, the results obtained by this mechanism are still somewhat limited due to new emerging developments in the sub-basins.
- ▶ Therefore, improved transboundary cooperation is needed between Cambodia and Viet Nam in the Sesan/Srepok sub-basin

# Project Objectives

**Overall objective:** enhance dialogue between Cambodia and Viet Nam in the Sesan–Srepok sub–basin, focussing at provincial and basin level, is improved; implementation of the MRC Procedures and IWRM principles in order to develop a joint Sesan–Srepok Monitoring Plan in the future

**Specific objective 1:**  
Transboundary  
Significant Water  
Management Issues  
between Cambodia and  
Viet Nam in the Sesan–  
Srepok sub–basin is  
identified

**Specific objective 2:**  
An effective  
transboundary data and  
information processing  
sharing mechanism  
between Cambodia and  
Viet Nam in the Sesan–  
Srepok sub–basin is  
established

**Specific objective 3:**  
An effective IWRM–  
based transboundary  
dialogue between  
Cambodia and Viet Nam  
for a future  
transboundary river  
basin monitoring plan in  
the Sesan–Srepok sub–  
basin is established.

# Scope

Focus on identifying Transboundary Significant Water Management Issues (SWMI) that affect both countries. Specifically it is envisaged that the project will develop a joint monitoring programme based on the identified SWMIs.

The implementation and coordination mechanisms for the project are part of the dialogue between the countries, and will be developed during the life of the project.

Implemented under the M-IWRMP World Bank grant that was approved by the WB Board on 8 March 2012.

# Project outcomes – Outputs

**Outcome 1:**  
Transboundary Significant Water Management Issues agreed.

**Output 1.1:** All relevant transboundary information for the Sesan/Srepok sub-basin is reviewed, compiled and analysed as well as knowledge gaps are identified

**Output 1.2:** A risk assessment to identify and agree on transboundary Significant Water Management Issues (SWMIs) is performed

**Outcome 2:** Effective mechanism for data and information processing and sharing functioning

**Output 2.1:** Existing data and information processing and sharing mechanisms are reviewed and respective needs for future transboundary cooperation defined

**Output 2.2:** A data and information processing and sharing mechanism for transboundary cooperation between Cambodia and Viet Nam in the Sesan – Srepok sub-basin

**Outcome 3:** Effective dialogue between Cambodia and Vietnam on the Sesan–Srepok is taking place.

**Output 3.1:** A consolidated and effective transboundary dialogue mechanism.

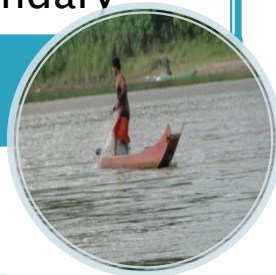
**Output 3.2:** An approach to develop the future transboundary Sesan–Srepok sub-basin Monitoring Plan



# Key Activities

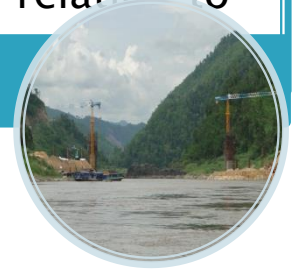
- Collect and compile information on water resource management and IWRM
- Analyse and review the collected materials to extract relevant information on existing and potential transboundary IWRM
- Identify knowledge / information gaps on baseline information including Hydromet
- Capacity Needs Assessment in relation to the Transboundary

Output 1.1:



- Perform a risk assessment to identify existing key pressures and impacts on the environment and livelihoods
- Based on the above, identify and agree on key transboundary Significant Water Management Issues (SWMI) for future management and as basis of a joint river basin monitoring plan
- Analyse the transboundary SWMIs regarding MRC Procedures and link these to the Procedures in relation to

Output 1.2:



# Key Activities

- Review existing mechanisms for data and information processing and sharing
- Define the needs of Cambodia and Viet Nam regarding a joint data and information processing and sharing mechanism in relation to the agreed transboundary SWMIs;
- Capacity Needs Assessment in relation to the Transboundary SWMIs

## Output 2.1



- Identify the structure and mechanism for effective transboundary data and information processing and sharing on the agreed Transboundary SWMI
- Develop a respective financial plan to implement the data and information processing and sharing mechanism on the transboundary level;
- Set-up and implement the data and information processing and sharing mechanism.

## Output 2.2:



# Key Activities

- Review current mechanism for transboundary dialogue;
- Design the institutional and organisational arrangements for joint transboundary dialogue in the Sesan/Srepok sub-basin;
- Discuss and agree the mechanism of the joint transboundary dialogue.

## Output 3.1



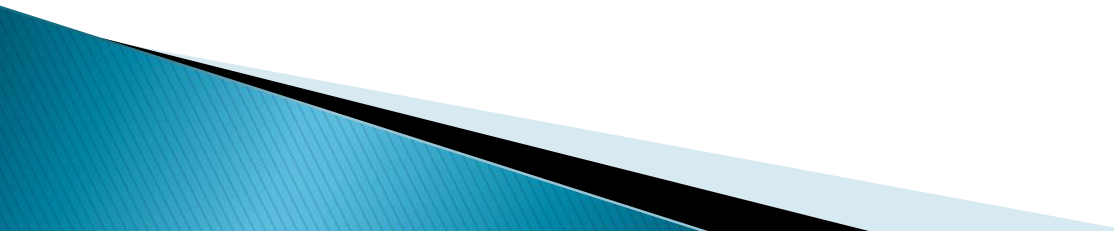
- Propose and discuss the content/structure of the future river basin monitoring plan for the Sesan/Srepok sub-basin based on the agreed transboundary SWMIs;
- Discuss and agree on the first draft river basin monitoring plan including a 3 year implementation plan;

## Output 3.2:





# Project implementation Arrangements

- ▶ Implemented over three years from 2014 to 2016
  - ▶ The project implementation will be under the leadership of the two countries of Cambodia and Viet Nam. (the M-IWRMP PCMU and other relevant MRC Programmes will provide facilitating support whenever needed)
  - ▶ The countries and the PCMU will ensure that the transboundary project will be implemented in line with the overall M-IWRM Project aims
  - ▶ The transboundary project will be aligned with the national M-IWRMP activities under WB funding.
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# National project coordination

## Cambodia

### National coordination:

- Cambodia National Mekong Committee (CNMC)

### National implementation:

- Ministry of Water Resource and Meteorology

### Involved line agencies:

- Ministry of Agriculture, Forestry and Fisheries
- Ministry of Environment
- Ministry of Industry, Mines and Energy
- Other central and local agencies if needed

## Viet Nam

### National coordination:

- Viet Nam National Mekong Committee (VNMC)

### National implementation:

- Ministry of Natural Resources and Environment (MONRE)

### Involved line agencies:

- Ministry of Agriculture and Rural Development
- Other central and local agencies if needed

**THANK YOU VERY  
MUCH FOR YOUR  
ATTENTION**

