Mekong Adaptation Strategy and Action Plan: Objectives and Roadmap for Formulation

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Outline

- Background: what & why Mekong Adaptation Strategy and Action Plan (MASAP)
- The MASAP and the MRC Basin Development Strategy (BDS)
- Review of International Experience on formulation of Adaptation Strategy
- Roadmap to formulate the MASAP
Background: what & why the MASAP

- Mekong Adaptation Strategy and Action Plan (MASAP)
- A general plan of action for guidance and addressing the impacts of CC in the LMB
- Will set out strategic priorities and actions for **Transboundary CC adaptation** of the MRC
- Will be reviewed every 5 years
- MRC CCAI is tasked to formulate the MASAP
Background: what & why the MASAP

- Assist the Member Countries (MCs) in formulating the MASAP
- Aiming at supporting the MCs to enhance their capacity to adapt through planning for addressing transboundary impacts of CC and needs for transboundary adaptation
- An important output required for 2011-2015, as stipulated in the Basin Development Strategy (BDS)
The MASAP and the Basin Development Strategy (BDS)

- Guide the way to integrate CC adaptation into the updating BDS
- Tools for adaptation to climate change in the MRC
The MASAP and the Basin Development Strategy (BDS)

- **State of Basin report**
- **National policies and perspectives**
- **Scenario assessments**
- **Stakeholder consultations**

**Basin Development Strategy**
- **Strategic Priorities**
  - Long term
- **Strategic Actions**
  - 5-year
- **Directions for implementation**

**Mekong Adaptation Strategy and Action Plan**

**5-year MRC Strategic Plan**
- **Outcomes**
- **Outputs**
- **Activities**

**5-year National Indicative Plans**
- **Outcomes**
- **Projects**
- **Activities**

Coordinated preparation to leverage investment opportunities and support decentralisation
Objectives and outcomes of MASAP

- To mainstream adaptation into planning process and developments with the emphasis on outcomes:
  1. CC impact and vulnerability assessment, adaptation planning and implementation in priority locations
  2. Building knowledge & capacity on different aspects (institutional, technical & managerial capacity)
  3. Regional adaptation strategy supporting national frameworks
  4. Regional partnership and collaboration
International Experience on the Formulation of Transboundary Adaptation Strategy
International Experience on Formulation of Transboundary Adaptation Strategy

Overview of International River Basin

225 River Basins

Oregon State University, 2009
## Overview of Basin with Transboundary Adaptation Strategy

<table>
<thead>
<tr>
<th>Continent</th>
<th>No. of Tb River Basins</th>
<th>No. of Tb River Basin with Adaptation Strategy</th>
<th>No. of Tb River Basin is developing a Strategy</th>
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</thead>
<tbody>
<tr>
<td>Asia</td>
<td>19</td>
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<tr>
<td>Africa</td>
<td>59</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Europe</td>
<td>69</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>North America</td>
<td>40</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>South America</td>
<td>38</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>225</strong></td>
<td><strong>2</strong></td>
<td><strong>4</strong></td>
</tr>
</tbody>
</table>

As of July 2014 ² As listed in Oregon State University, 2012
North America
Review Methodology and Analytical Framework

Framework and steps for the development of adaptation strategy, UNECE 2009)

Policy, Legal and Institutional Framework

Framework and steps for the development of adaptation strategy, UNECE 2009)

CCAI Adaptation Planning Process, MRC 2011

Scoping the adaptation strategy/project

Vulnerability Assessment

Potential impacts

Adaptive capacity

Vulnerability

Identification of adaptation options and development of adaptation strategy

Implementation of adaptation options

Stakeholder engagement and capacity building

Monitoring and evaluation of adaptation implementation
Review Methodology and Analytical Framework

Scoping the adaptation strategy/project

Vulnerability assessment
- Exposure
- Sensitivity
- Potential impacts
- Adaptive capacity
- Vulnerability

Identification of adaptation options and development of adaptation strategy

Implementation of adaptation options

Stakeholder engagement and capacity building

Policy, Legal and Institutional Framework

Understand the vulnerability
- Information Needs
- Impact Assessment
- Vulnerability Assessment

Develop and Implement Measures
- Financial Arrangements

Evaluation
Review Methodology and Analytical Framework

Review Aspects

- Formulation process
- Enabling environment/scoping of the strategy
- Information used/required
- Adaptation goals, objectives and measures
- Implementation and \( M \ & E \)
ASEAN Adaptation Strategy

- Action plan (2012)
- Adaptation:
  - Sharing information
  - Develop work programme to address loss and damage
- Mitigation
- Finance and Investment
- Technology Transfer
- Capacity Building
Nile Basin Initiative Climate Change Strategy (2013)

- Assessment of challenges
- Goals and strategic objectives
  - Information
  - Awareness
  - Mainstreaming
  - Coordination and support by NBI
Southern African Development Community - SADC (2009 – ongoing)

- Aim to unlock resources
- Mainstreaming
  - Climate-smart agriculture
- Capacity development
- Vulnerability assessments
European Adaptation Strategy (2013)

- Promoting action by Member States
- Better informed decision-making
- Climate-proofing EU action
- A framework for coordination
- Financing adaptation
- Monitoring, evaluation and review
International Commission for the Protection of the Danube River (ICPDR)

- Feed into existing process
  - RBMP and FRMP
- Based on vulnerability assessment
  - Collection of existing studies
- Implementation by parties
- Guiding principles
- Recommendations for countries
ICPR Climate Workshop (January 2013): the results are presented in the Rhine minister conference (28.10.2013)

Directives coordination / implementation -> balance between top-down and bottom-up; Integration of climate change adaptation measures
Neman River

- Stakeholder meetings
- Vulnerability assessment
- Common information platform
- Strategic framework
- Adoption by governments
Consideration in formulation of the MASAP

- Include evaluation of the policy, legal and institutional framework
- Ensure common understanding and appreciation of the projected impacts and vulnerabilities
- Ensure ownership of the member countries
- Allow ample time for participation
- Account for measures taken at the local level
- Identify joint benefits
Consideration in formulation of the MASAP

- Include ecosystem based adaptation measures
- Include looking for opportunities and innovation
- Information on impact and vulnerability assessment
- CC scenarios for the next 30, 60, 100 years
- In agreement with and having synergies to national climate change adaptation strategies
- Allowing for updating of the plan
Roadmap to formulate the MASAP

1. Approach
2. Process
3. Mechanisms
4. Time frame & milestones
Roadmap to formulate the MASAP

1. Approach

✓ Stakeholder engagement in the whole process
✓ Capacity building and decentralisation of core functions are considered in the whole process
Roadmap to formulate the MASAP


- Vulnerability Assessment
- Identification of adapt options
- Development of the strategy

Scoping the adaptation strategy/project

Stakeholder engagement and capacity building

Monitoring and evaluation of adaptation implementation

Vulnerability assessment
- Exposure
- Sensitivity
- Potential impacts
- Adaptive capacity

Vulnerability

Identification of adaptation options and development of adaptation strategy

Implementation of adaptation options
Roadmap to formulate the MASAP

3. Mechanism

✓ Active involvement of all MRC Programmes, especially the Basin Development Programme (BDP)
✓ CCAI Regional Technical Working Group (RTWG)
✓ National consultations
✓ MRC Informal Donor Meeting and Donor Consultative Group
✓ MRC Joint Committee
✓ MRC Council
## Roadmap to formulate the MASAP

### 4. Timeframe and milestones

<table>
<thead>
<tr>
<th>No.</th>
<th>Stage</th>
<th>Milestones</th>
<th>Time frame</th>
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</thead>
</table>
| 1   | Preparation | • Concept, roadmap agreed  
       | • Mechanisms are in place                                                 | May 2014     |
| 2   | Formulation | • Scoping, (being developed)  
       | • 1st Draft of MASAP,  
       | • Consultations,  
       | • Regional stakeholder forum,  
       | • JC Guidance                                                             | July 2015    |
| 3   | Finalisation| • Finalising,  
       | • Consultations,  
       | • Regional stakeholder forum  
       | • JC Consideration                                                       | October 2015 |
| 4   | Approval    | • Final guidance by JC  
       | • Approval by Council                                                    | December 2015|
Thank you