



3rd SUMMIT

Siem Reap, Cambodia | 2-5 April 2018

ONE MEKONG ONE SPIRIT

MRC ACTIONS ON FLOOD, DROUGHT AND CLIMATE CHANGE ADAPTATION

Joint Projects, Strategies and Action Plans

Dr. Thim Ly, Chief River Basin Planner

Mr. Ix Hour, Drought Technical Coordinator

Mekong River Commission Secretariat

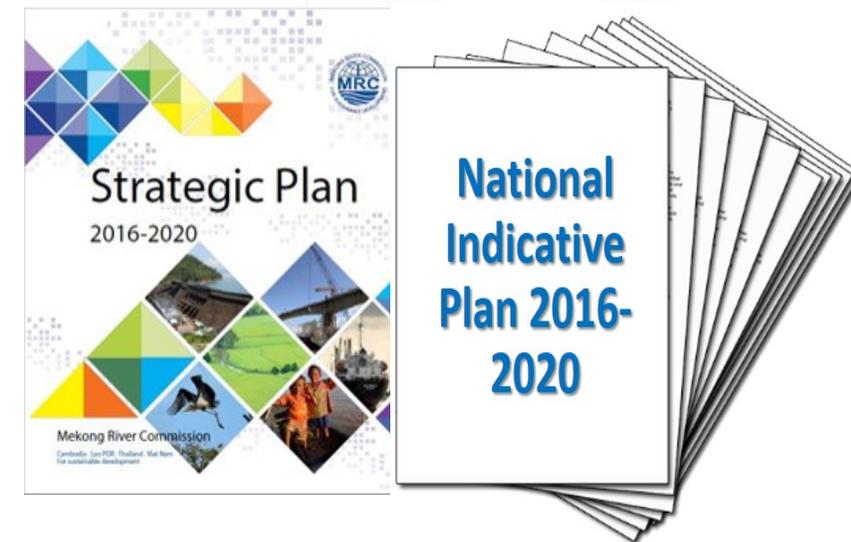
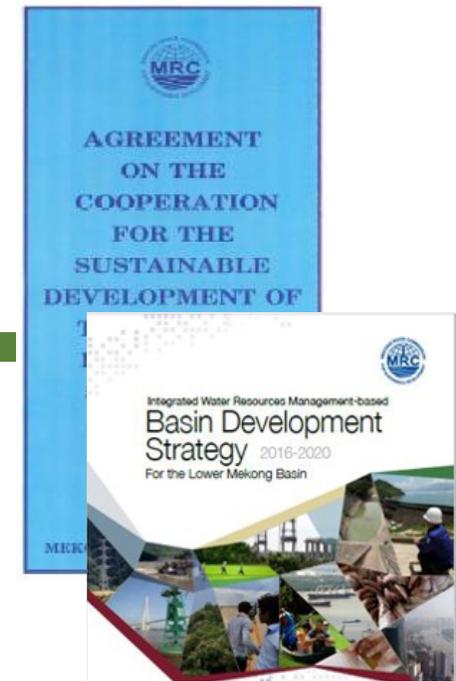
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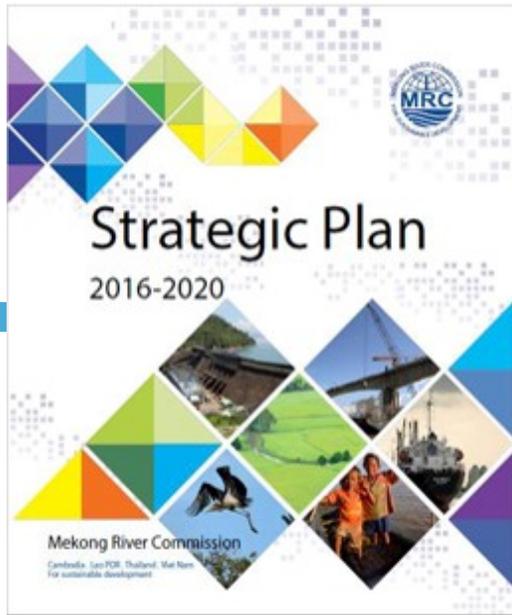


- **Introduction**
- **Joint Projects of the National Indicative Plans (2016-2020)**
- **Mekong Climate Change Adaptation Strategy and Action Plan (MASAP) (2018-2022)**
- **Drought Management Strategy (2019-2023)**

INTRODUCTION

- 1995 Mekong Agreement
 - Basin-wide planning, cooperation, mutual benefits
- IWRM-based **Basin Development Strategy (BDS)**
 - Instrument for basin planning and cooperation
 - 5-year planning cycle, implemented through:
 - MRC Strategic Plan:** at regional level; and
 - National Indicative Plan:** at national level





- Flood
- Drought
- Climate Change and Adaptation

KEY RESULT AREA 1: ENHANCEMENT OF NATIONAL PLANS, PROJECTS AND RESOURCES FROM BASIN-WIDE PERSPECTIVES

Outcomes:

1. Increased common understanding
 - Studies & Assessments
2. Environment management and sustainable use of resources
 - Joint projects, basin-wide sector strategies
3. Good management of water and related projects and resources shared and applied by national planning and implementing agencies

KEY RESULT AREA 2: STRENGTHENING OF REGIONAL COOPERATION

Outcomes:

4. Effective and coherent implementation of MRC Procedures by Member Countries
5. Effective dialogue and cooperation between Member Countries and strategic engagement of regional partners and stakeholders on transboundary water management

KEY RESULT AREA 3: BETTER MONITORING AND COMMUNICATION OF THE BASIN CONDITIONS

Outcome:

6. Basin-wide monitoring, forecasting, impact assessment and dissemination of results strengthened for better decision-making by Member Countries

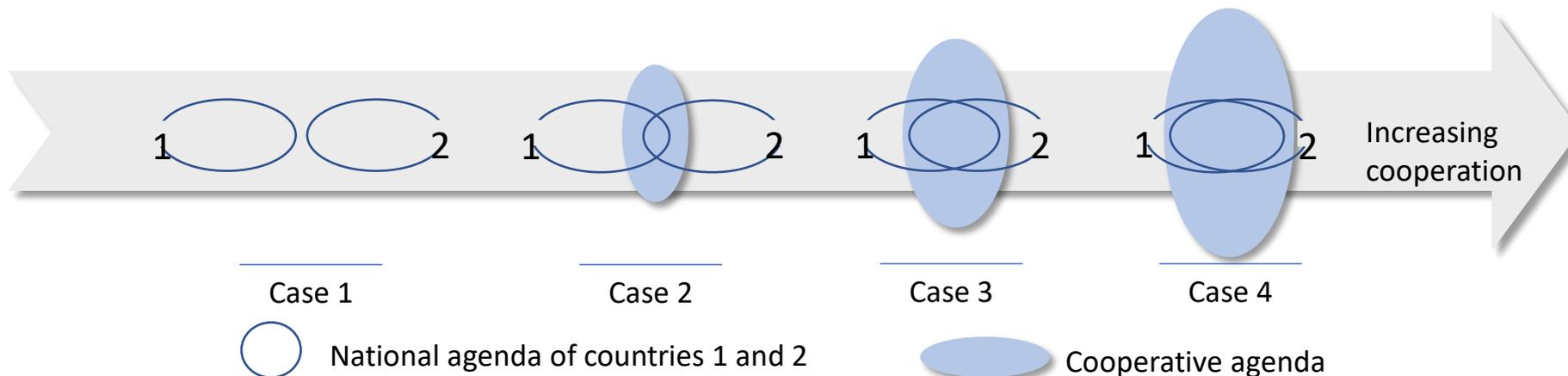
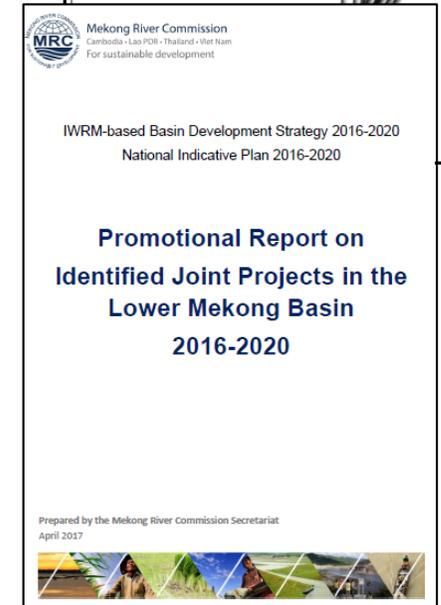
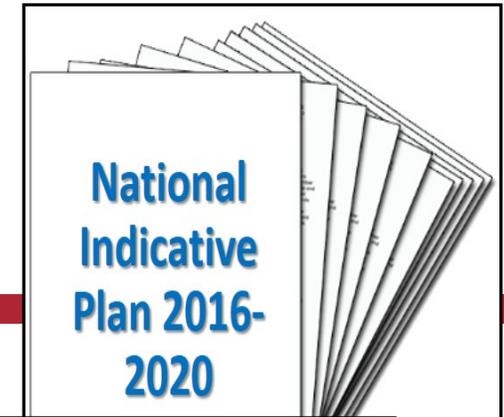
KEY RESULT AREA 4: LEANER RIVER BASIN ORGANIZATION

Outcome:

7. MRC transitioned to a more efficient and effective organisation in line with the decentralisation Roadmap and related reform plans

JOINT PROJECTS OF THE NATIONAL INDICATIVE PLANS 2016-2020

- Involve two or more countries
- Address issues and opportunities that one country alone could not do as effectively
- Increase national and regional benefits, reducing regional costs, and provide basin-wide water security



JOINT PROJECTS OF THE NATIONAL INDICATIVE PLANS 2016-2020

5 Joint Projects:

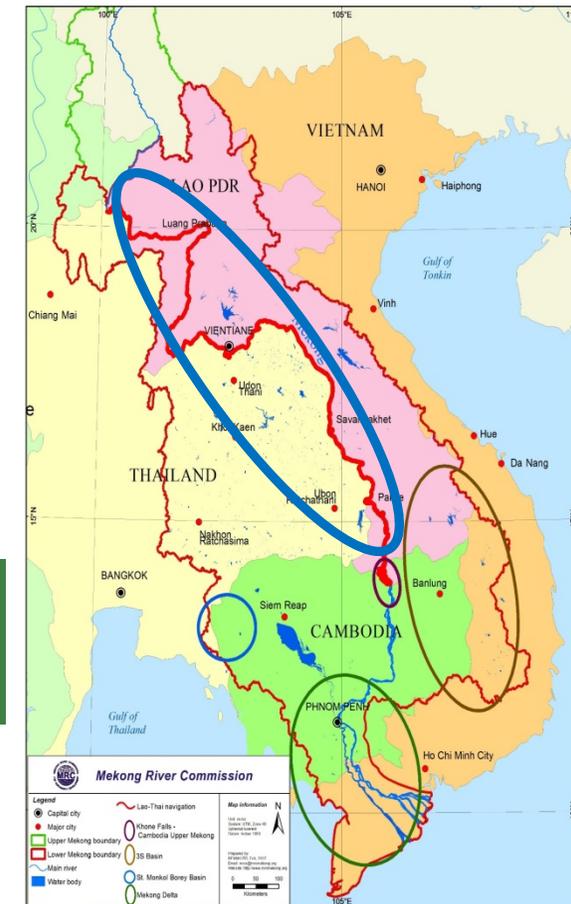
- Navigation safety regulation (Lao-Thai)
- Water resources management in the Khone Falls region
- Water resources management in 3S basin
- **Flood & drought management** in Thai-Cambodian border area
- **Flood management** in Mekong Delta

→ Joint Assessment and Planning

→ Implementation of Joint Action Plan

and/or Joint Investment

More information: <http://www.mrcmekong.org/assets/Publications/MRC-promotional-report-on-Identified-Joint-Projects-for-2016-2020.pdf>



MEKONG CLIMATE CHANGE ADAPTATION STRATEGY AND ACTION PLAN (MASAP) 2018-2022

Purpose:

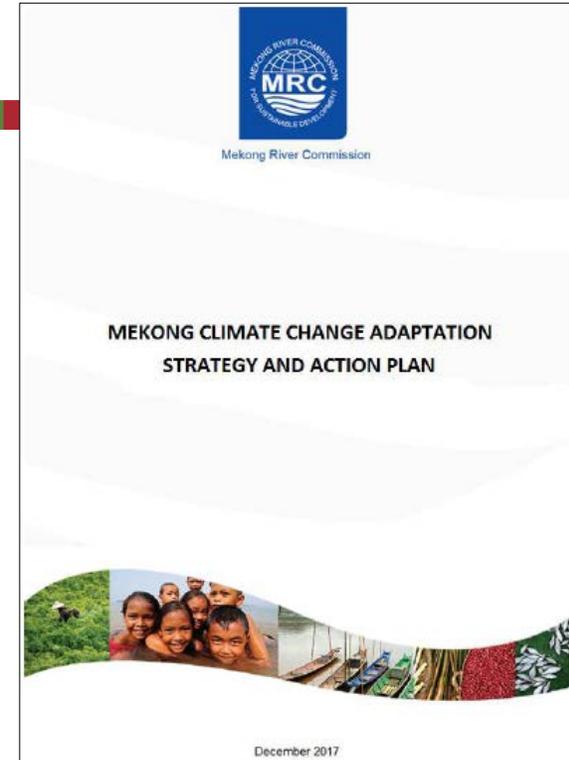
- A statement of the Lower Mekong Basin
- Set out strategic priorities & actions to address climate change risks and strengthen basin-wide resilience

Mandate:

- Address critical climate change adaptation aspects that need **transboundary cooperation**

Scope:

- Focus on vulnerability covers future CC over a 50-year period
- Takes into account existing policy, legal & institutional setting
- Fills the adaptation gaps & adds value to national policies and plans



MEKONG CLIMATE CHANGE ADAPTATION STRATEGY AND ACTION PLAN (MASAP) 2018-2022

Seven strategic priorities:

1. **Mainstream** into regional and national plans;
2. Enhance regional and international **cooperation and partnership**;
3. Prepare **transboundary and gender-sensitive adaptation options**;
4. Support access to **adaptation finance**;
5. Enhance **monitoring, data collection and sharing**;
6. **Strengthen capacity**; and
7. Improve **outreach**.



DROUGHT MANAGEMENT STRATEGY (DMS) 2019-2023

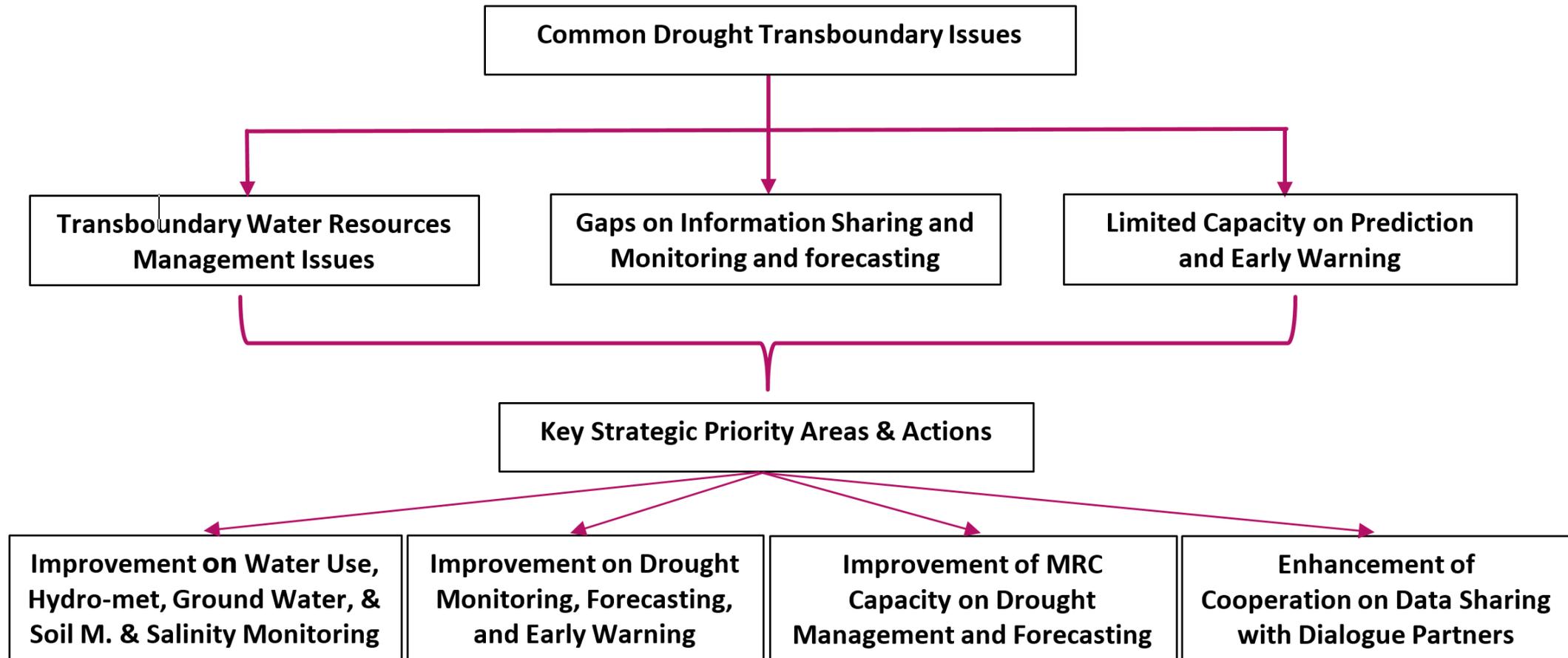
➤ **Objectives of the DMS 2019-2023:**

National and basin-wide drought risk is better managed with equitable and transparent Mekong water resources management and planning facilitated through dialogue and consultative approaches.

➤ **Findings at National and Transboundary levels**

- Drought Risks and Vulnerability of the LMB (2013)
- Drought Impacts and Vulnerability Assessment for the Mekong Counties (2015-2017)
- Land and Water Resources Analysis (2017-2018)
- Drought Monitoring and Forecasting System (2015-2016)

DROUGHT MANAGEMENT STRATEGY (DMS) 2019-2023



COMMON DROUGHT TRANSBOUNDARY ISSUES FOR KEY STRATEGIC PRIORITY AREAS



Priority Areas
and Related
Actions

- (i) Indicator Monitoring
 - (a) Hydrological and Reservoirs Monitoring
 - (b) Monitoring of Procedures for Maintenance of Flows
 - (c) Ground Water Monitoring
 - (d) Soil Moisture Monitoring
 - (e) Salinity Level Monitoring
- (ii) Drought Early Warning
 - (a) Drought monitoring
 - (b) Drought forecasting and early warning
- (iii) Capacity Building
 - (a) Drought indicator assessment
 - (b) Water resource planning |
 - (c) Drought adaptation and management strategy
- (iv) Mitigation Action
 - (a) Collaboration with dialogue partner
 - (b) Drought information dissemination
 - (c) Development of guideline on drought adaptation
 - (d) Pilot activities on drought adaptation measure



THANK YOU VERY MUCH

