

## Applying IWRM Spiral Model in the Mekong River Basin



Presented by Mr. Detsada Soukhaseum, Mekong River  
Commission Secretariat, 19 May 2014

# Presentation outline

---

- × Presentation of the Mekong River Basin
- × Mekong River Commission
- × Challenges
- × Solutions
- × Key for success
- × Conclusion

# Mekong River Basin



Region's Largest Basin

Total area: 795 000 km<sup>2</sup>

Source of living for 65 million people

**Upper Mekong Basin:** PR of China and Myanmar

**Lower Mekong Basin :** Lao PDR, Thailand, Cambodia and Viet Nam

# Mekong River Commission

---

- ✘ **Mandate** *to ensure sustainable development of the Mekong River including environment protection, equal use of water and free navigation*
- ✘ **Vision** *to turn the Mekong River into a sound economically prosperous, socially just and sound environmental Basin organization*
- ✘ **Mission** *to promote and coordinate sustainable management and development of water and related resources for the countries mutual benefits and their people well being*

# Mekong River Commission

## Structure

### Member Countries:

Cambodia

Contribution: 18%



Lao PDR

Contribution: 18%



Thailand

Contribution: 34%

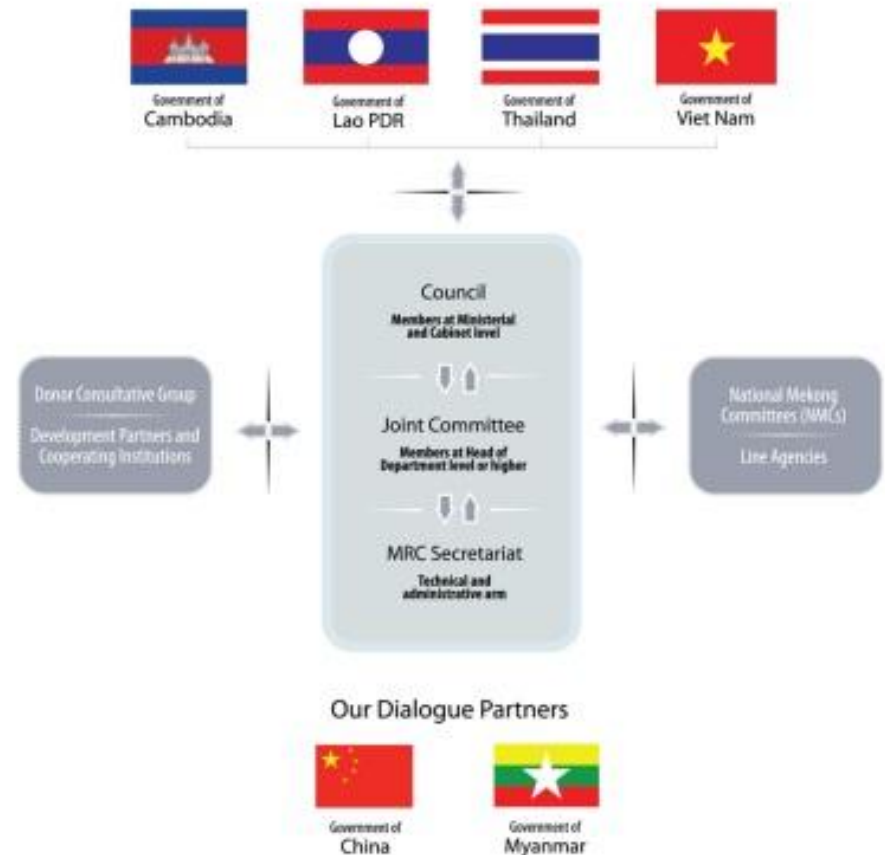


Viet Nam

Contribution: 30%



## Mekong River Commission Governance Structure



# Mekong River Commission

## Structure

### Dialogue Partners

PR of China

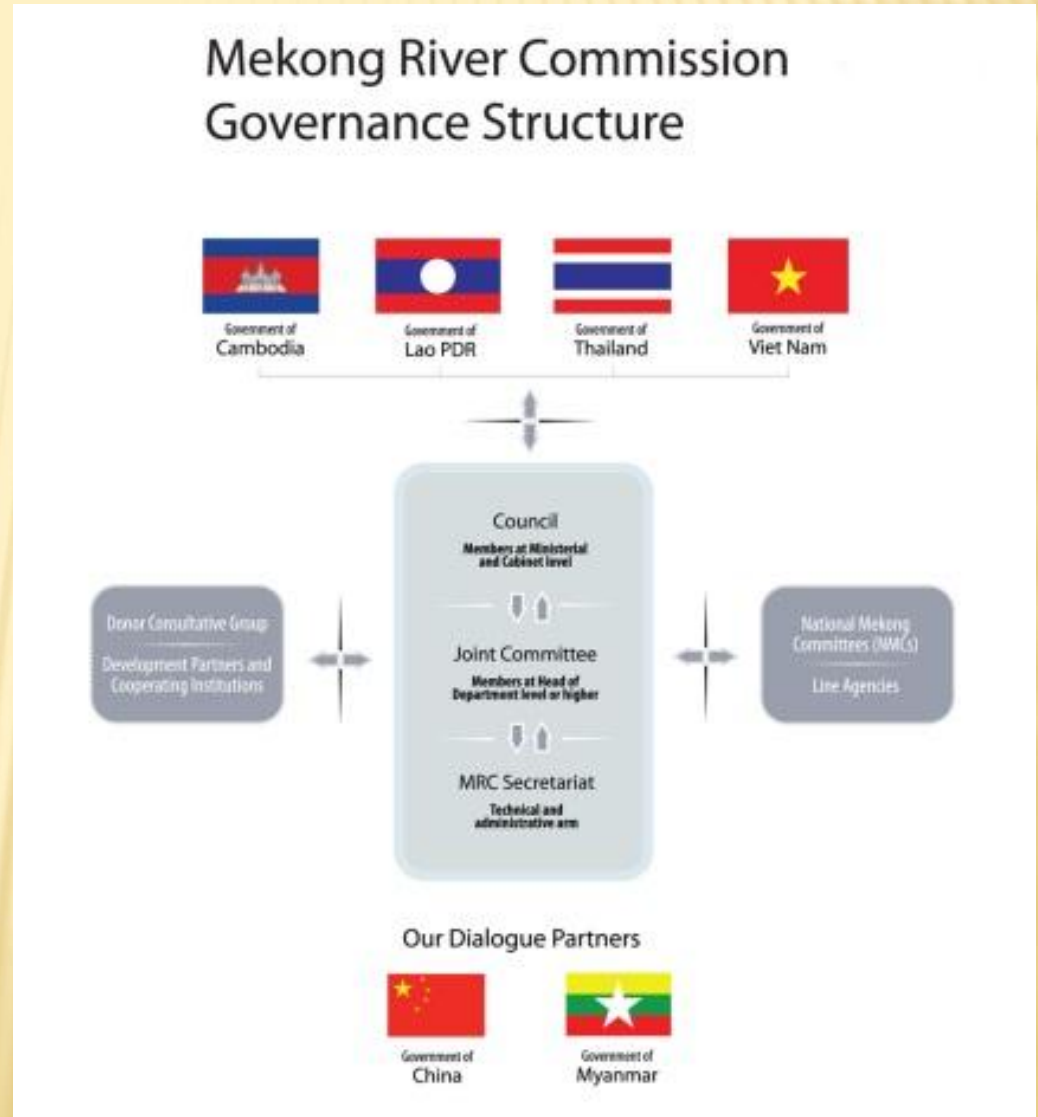


Myanmar



### Dialogue Partners

Australia, Belgium, Denmark, France, Finland, Germany, Japan, the Netherlands,, Sweden, Switzerland, USA and the World Bank





Government of  
Cambodia



Government of  
Lao PDR



Government of  
Thailand



Government of  
Viet Nam



MRC Council



MRC Joint Committee



National  
Mekong  
Committees/  
Line Agencies



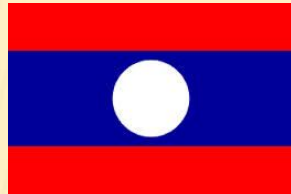
Mekong River Commission Secretariat



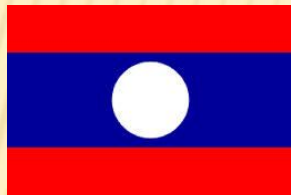


# Legal framework

1957



1977



1995

**MEKONG RIVER COMMISSION SECRETARIAT**

*economically prosperous, socially just and environmentally sound Mekong River Basin*

2014



# MRC Guidelines and Procedures

1. Procedure on Data and Information Exchange and Sharing (PDIES), 2001
2. Procedure for Water Use Monitoring, (PWUM), 2001,
3. Procedure for Water Quality (PWQ), 2011
4. Procedure for Notification and Prior Consultations Agreement (PNPCA), 2003
5. Procedure for Maintenance of Flows on the Mainstream (PMFM), 2008



# Challenges

---

- Differing long-term major national uses of the river
- Different levels of economic development, geographical position with respect to the river, and the relative significance of the Basin in each country
- Threat from Rapid economic development, poor urbanization plan
- Limited understanding of the functioning of the natural systems in MRB
- Limited institutional capacity of Member Counties
- Need for adaptation in the context of ASEAN Economic Community (EAC) in 2015.
- Flash floods

# Solutions

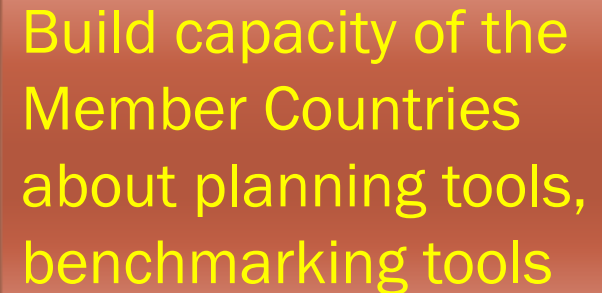
- Differing long-term major national uses of the river
- Different levels of economic development, geographical position with respect to the river, and the relative significance of the basin in each country
- Threat from rapid economic development, poor urbanization plan

**Comprehensive  
Mekong Basin  
wide strategic  
Plan**

# Solutions

---

- Limited institutional capacity of Member Countries
- Poor understanding of the functioning of the natural systems in MRB

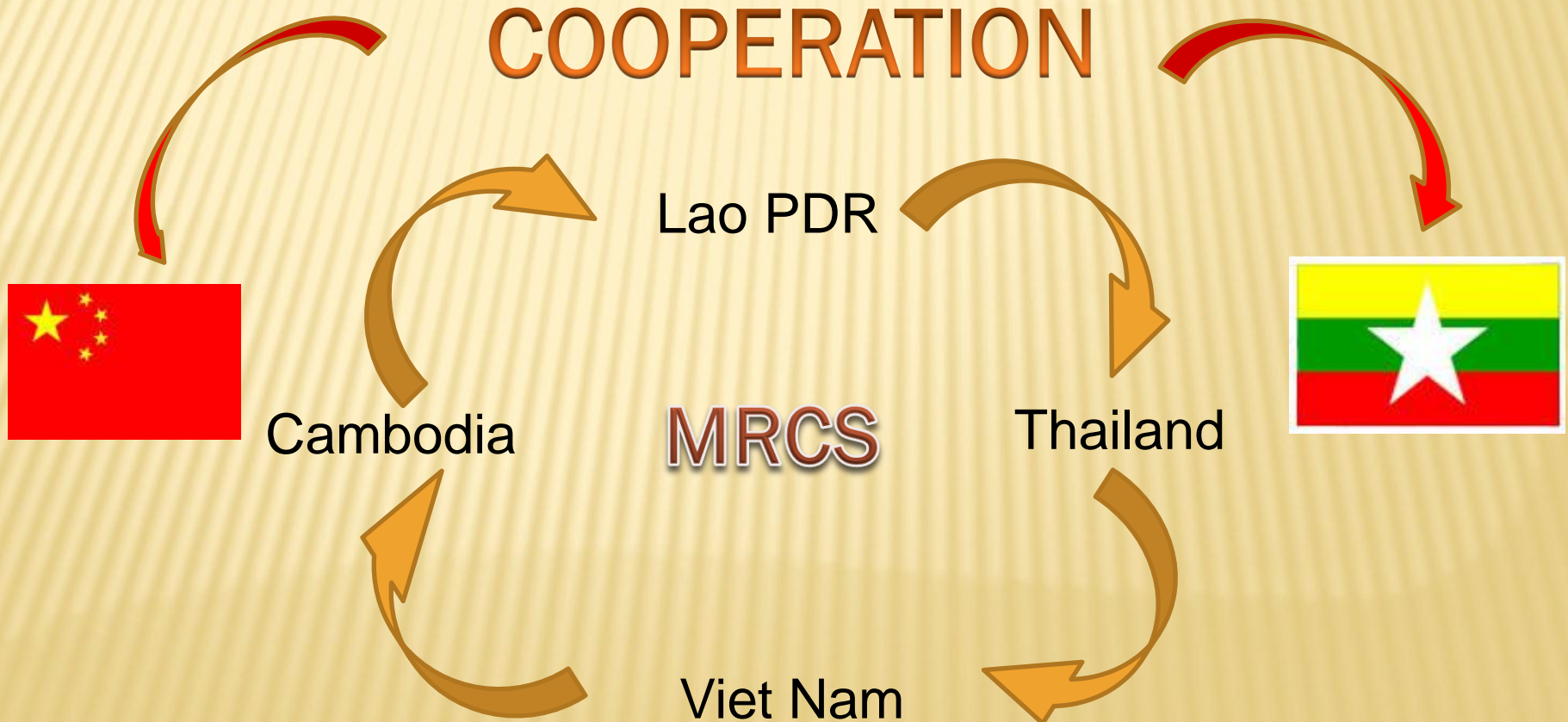


Build capacity of the Member Countries about planning tools, benchmarking tools

- Flash floods
- Need for adaptation in the context of ASEAN Economic Community in 2015.

# Keys for success

- Different priorities
- Different levels of economic development,



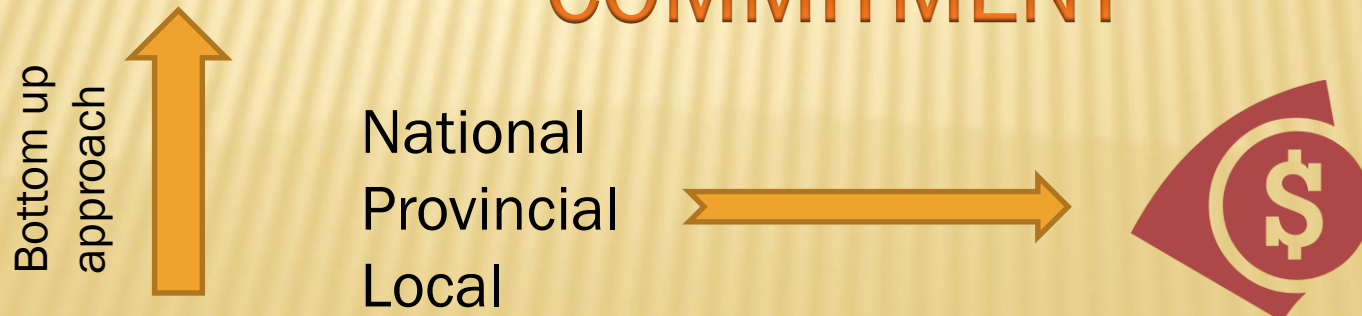
# Keys for success

- Different priorities
- Different levels of economic development,

## COORDINATION



## COMMITMENT

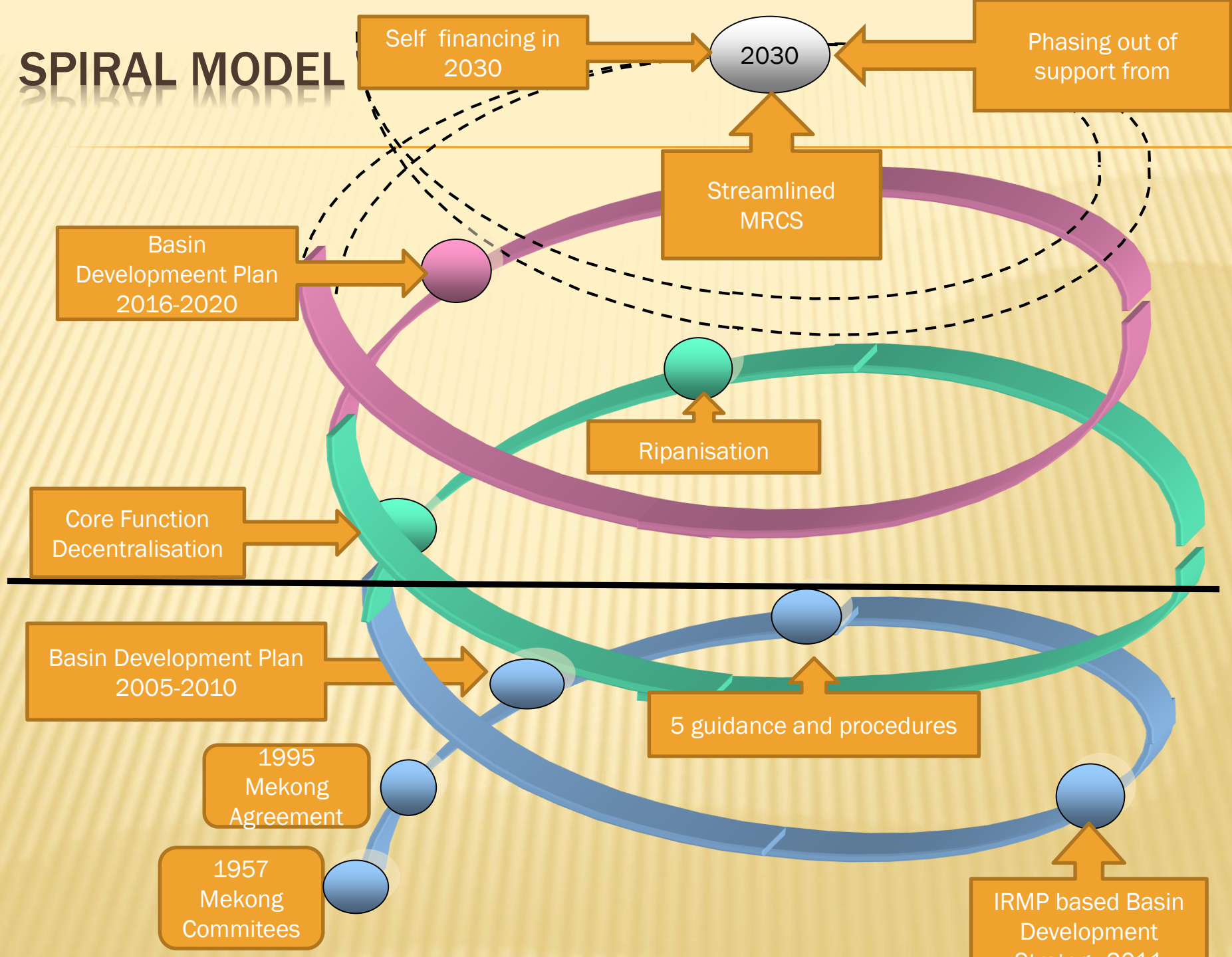


# Mekong River Commission

- Limited understanding of the functioning of the natural systems in MRB
- Limited institutional capacity of Member Countries



# SPIRAL MODEL





# Thank you

cảm ơn bạn

ຂອບໃຈ

භවභූ

Kyay Zu Tin Bar Del!

Terima Kasih



Kadinchey

ありがとう

Tashakoor

Manana

তোমাকে ধন্যবাদ

Salamat po

நன்றி

See you at the 10<sup>th</sup> NARBO Training