

An aerial photograph showing a wide river delta. The foreground is dominated by a large area of vibrant green rice fields, divided into rectangular plots. To the right, a wide, muddy-brown river flows towards the horizon. In the background, there are more green fields, some buildings, and distant hills under a hazy sky. The overall scene depicts a rural, agricultural landscape near a major waterway.

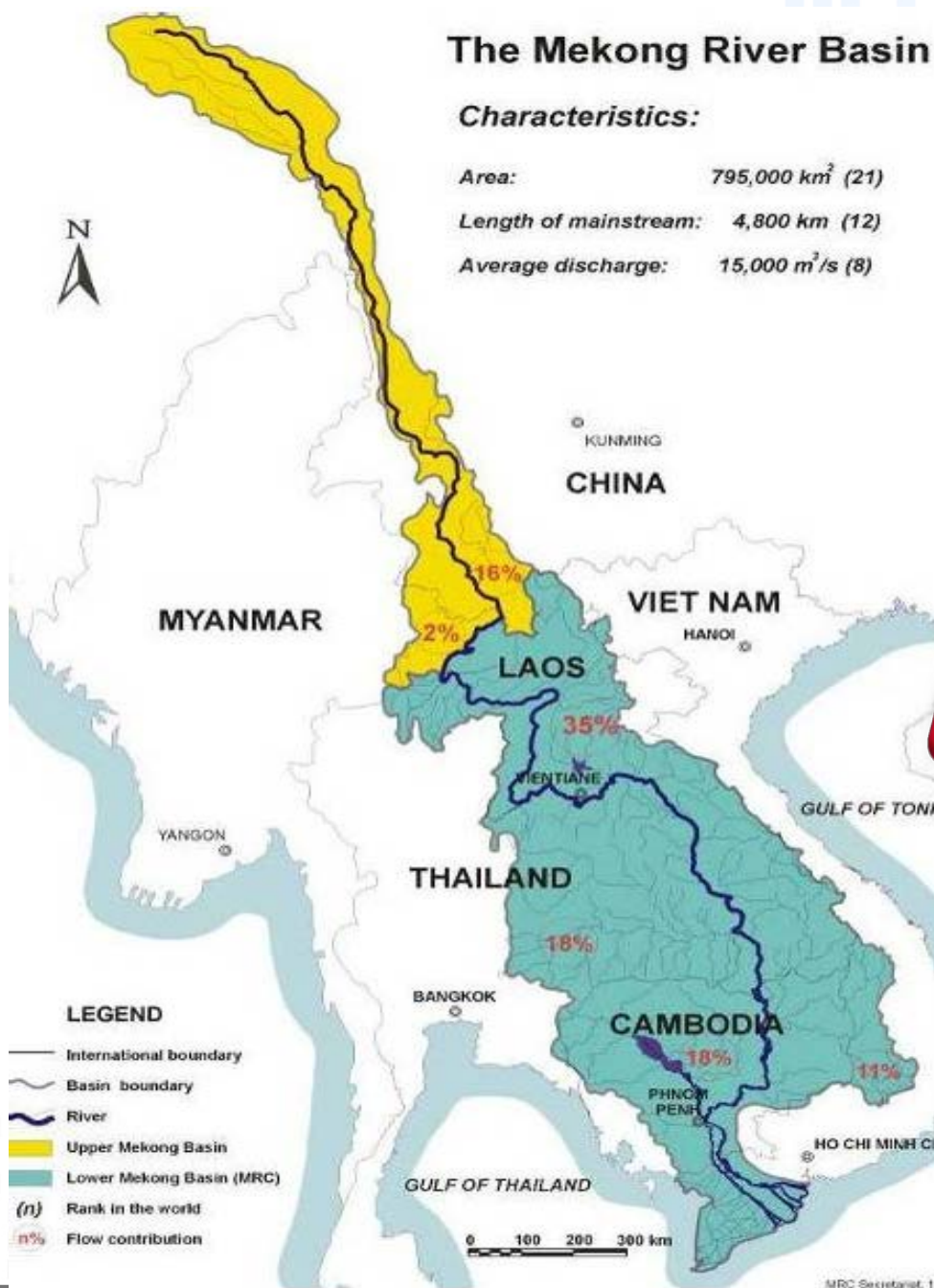
MRC climate change and adaptation monitoring & reporting system

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Climate Change and Adaptation Initiative (CCAI)

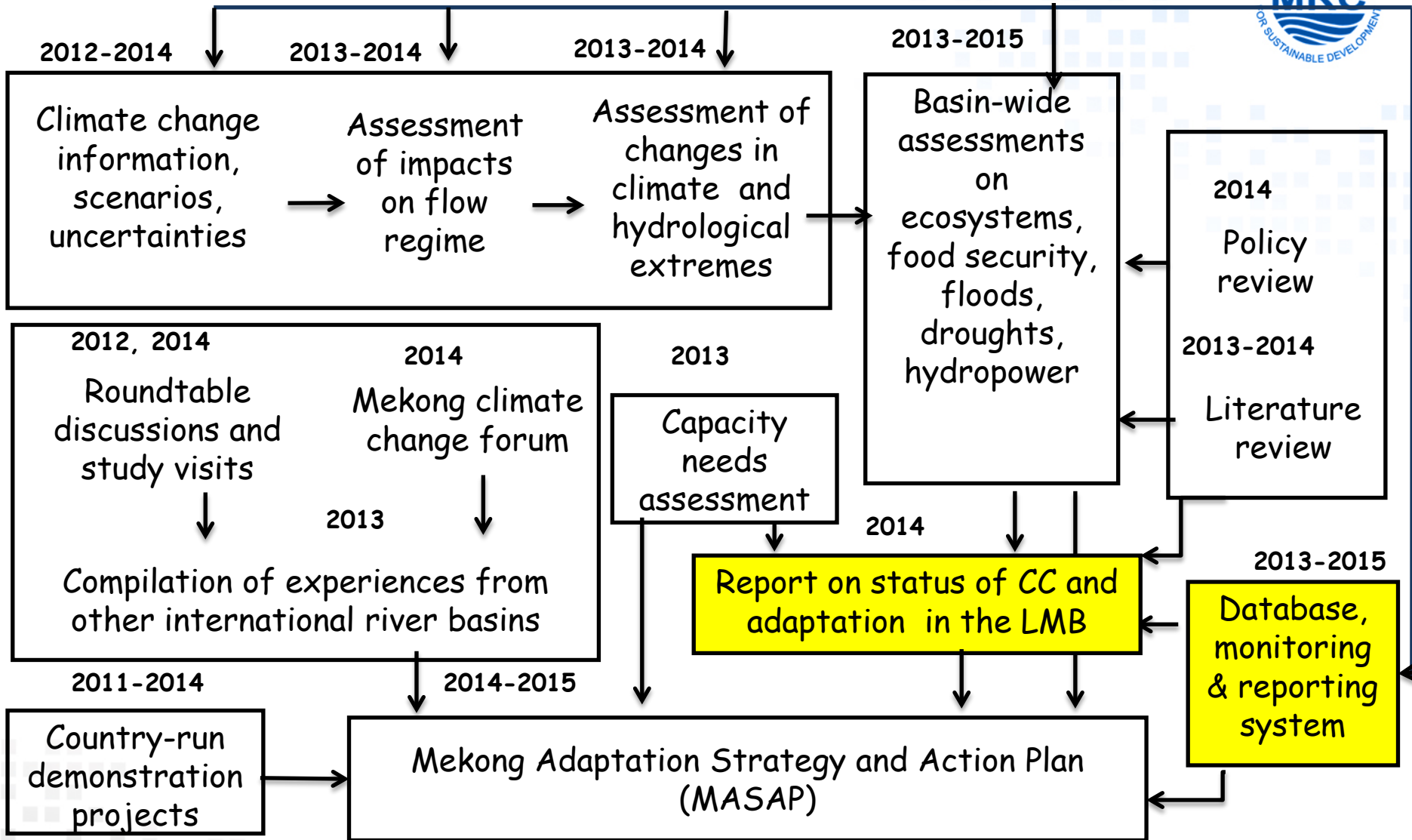
The Mekong River Basin

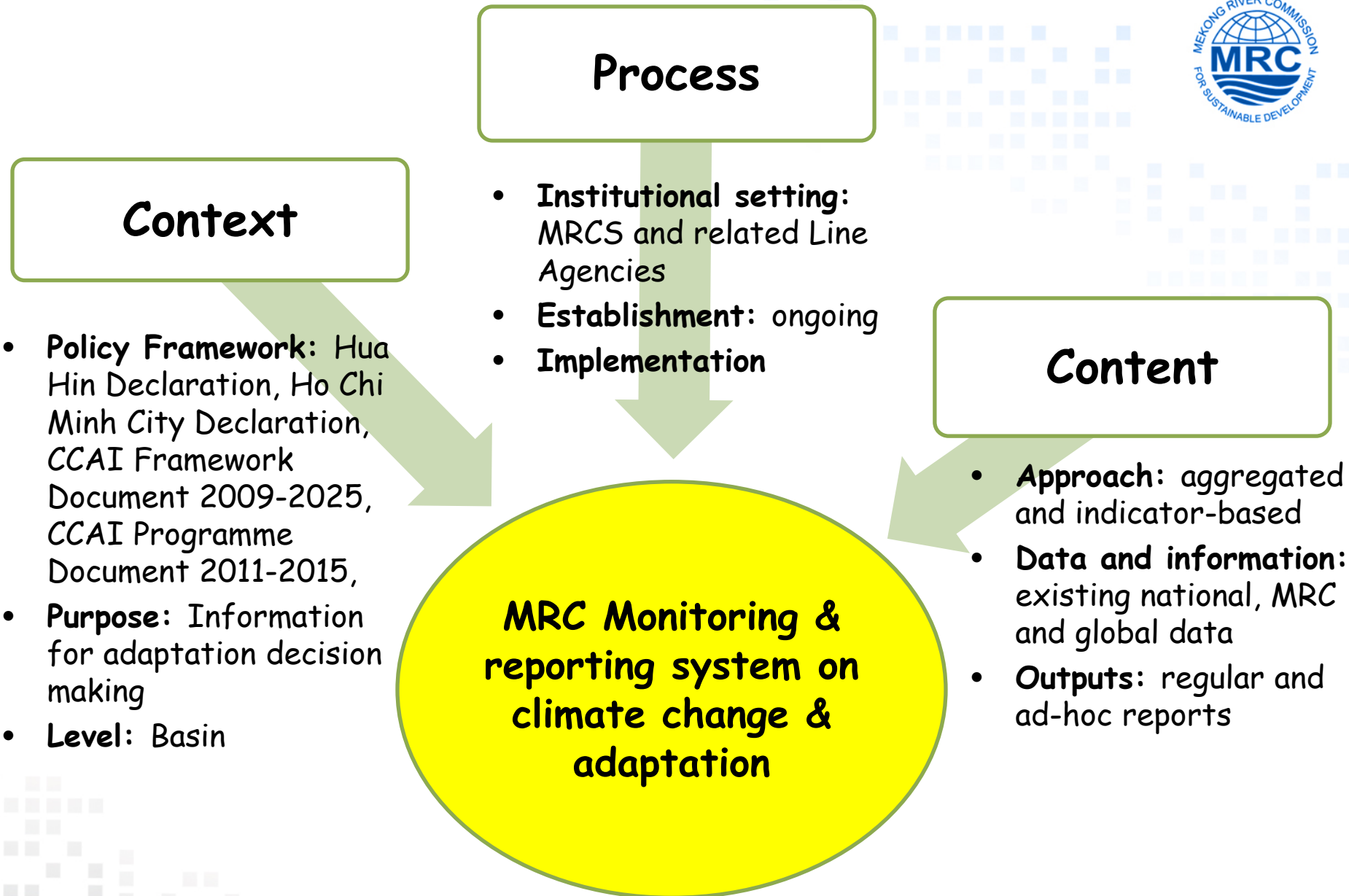
Characteristics:

Area: 795,000 km² (21)
 Length of mainstream: 4,800 km (12)
 Average discharge: 15,000 m³/s (8)



MRC's CCAI 2011-2015





Preliminary set of indicators



Pressure

2 indicators:

- GHG
- ENSO

Change

22 indicators:

- Monsoon
- Tropical cyclone
- Temperature
- Rainfall
- Evaporation
- Humidity
- Sunshine durations

Impact & Vulnerability

55 indicators:

- Water quantity
- Water quality
- Land
- Biodiversity & ecosystem
- Socioeconomic
- Agriculture
- Fisheries & aquaculture
- Food security
- Energy security
- Flood damage
- Drought damage

Adaptation

8 indicators:

- Policy & institutional response
- Adaptation response

Thank you

Mekong River Commission
Climate Change and Adaptation Initiative
www.mrcmekong.org

