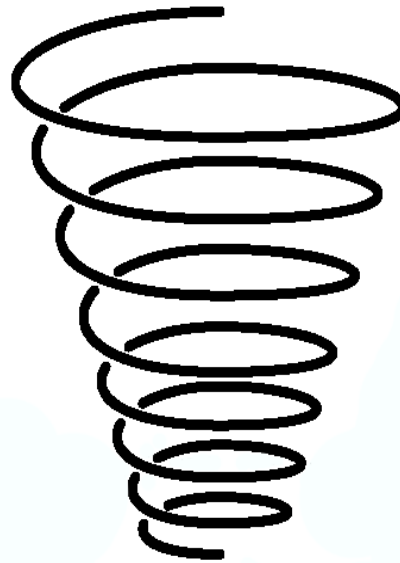


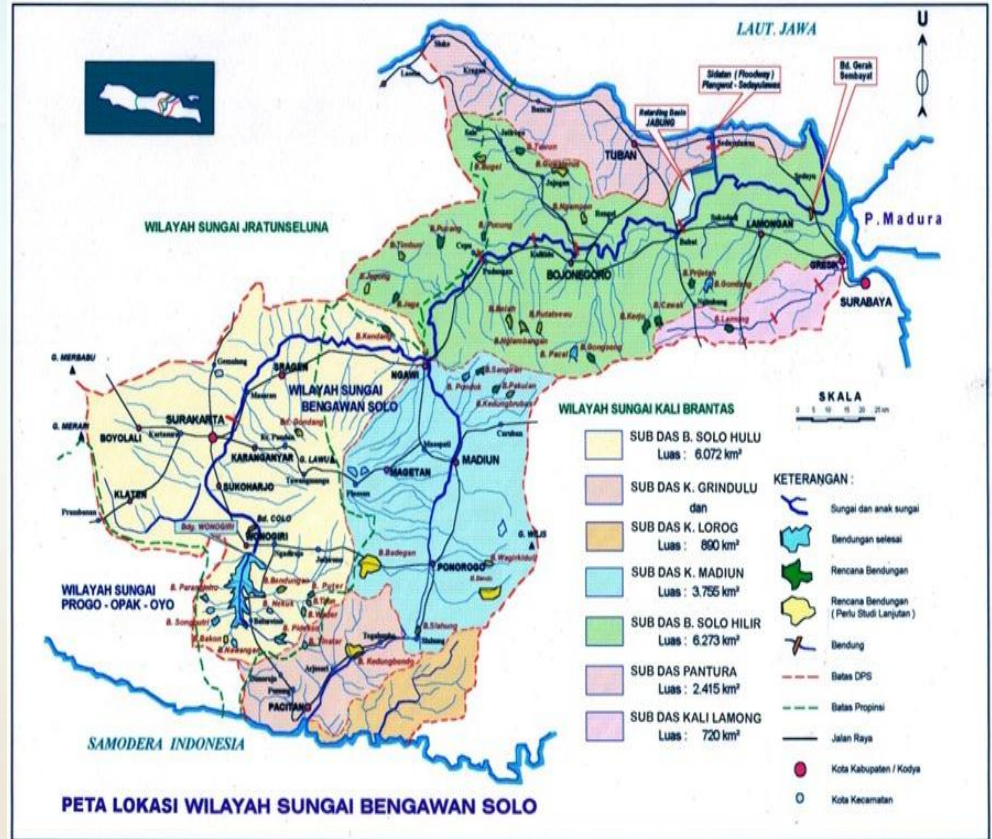
# BENGAWAN SOLO IWRM SPIRAL

FOR 9th NARBO TRAINING, PHILIPPINES

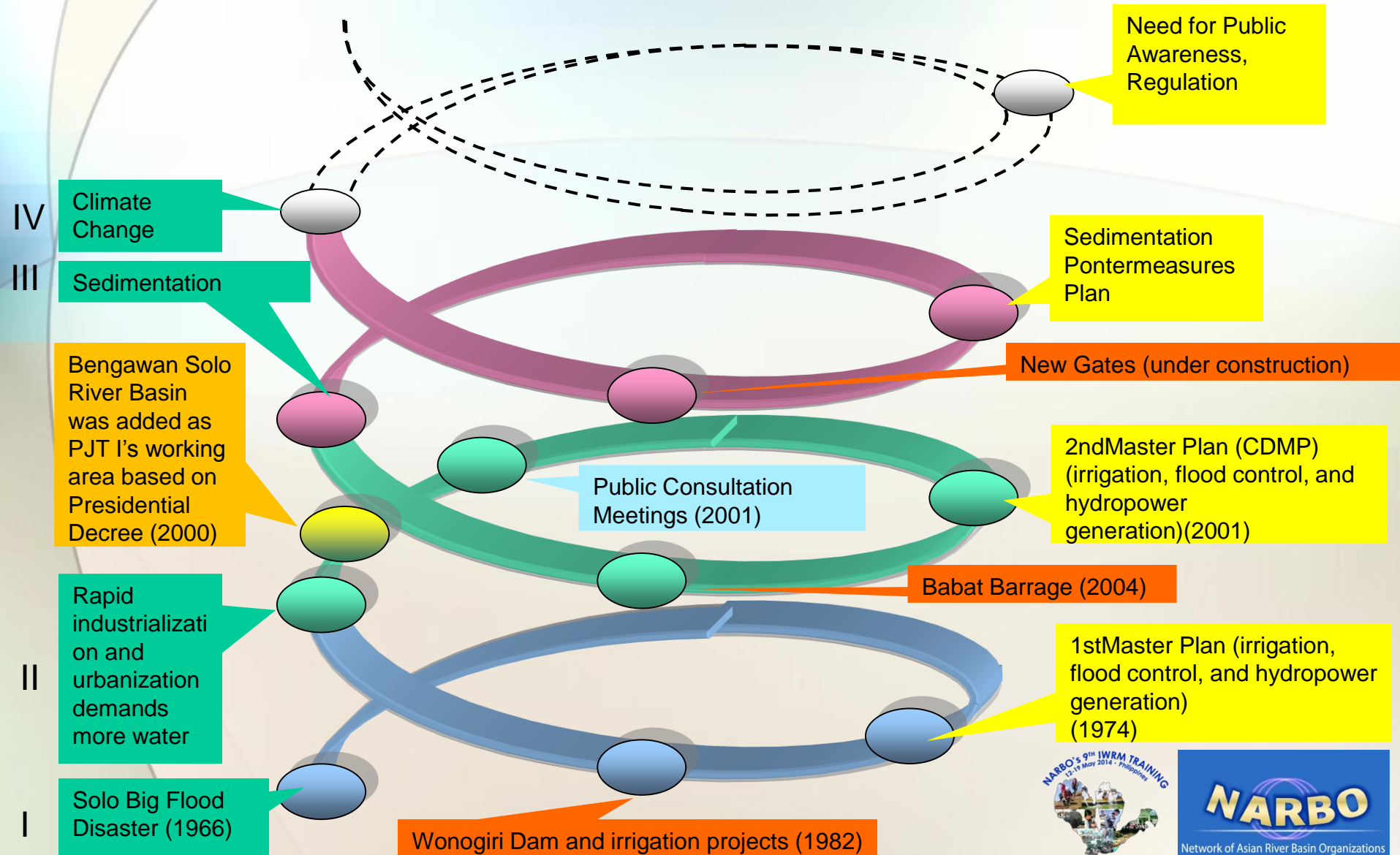


Presented by:  
Ajib Wisnu Anggoro

# WHERE ?



# BENGAWAN SOLO IWRM SPIRAL



## Realization of Master Plan 1974:

- ✓ Wonogiri Multipurpose Dam Project (completed in 1982)
- ✓ Various irrigation dam construction projects
- ✓ Various irrigation rehabilitation projects
- ✓ Upper Solo River Improvement Project (completed in 1994)
- ✓ Madiun River Urgent Flood Control Project (completed in 1995)



## WONOGIRI MULTI PURPOSE DAM



## COLO DAM



## 2<sup>nd</sup> SPIRAL PROBLEMS

- ✓ Rapid industrialization and urbanization demands more water.



- ✓ Change of The Sectors



## The Sectoral Change

There are important changes and trends with regard to institutions of water resources sectors at the national, provincial and kabupaten levels under the new framework of regional autonomy.

These trends relate to decentralization, coordination, consultation and legislative reform. The basic policy of decentralization is also proceeding in the water resources sector. Intensified and increased public consultation and a greater focus on a “bottom bottom-up up” planning approach is expected as a basis to guide water resources development in a more equitable and sustainable manner.



# 5 Components of Comprehensive Development and Management Plan

1. Promote Water Resources Development
2. Strengthen Watershed Management
3. Strengthen Water Quality Management
4. Strengthen Flood Control Management
5. Strengthen Institutional Framework of Water Resources Management



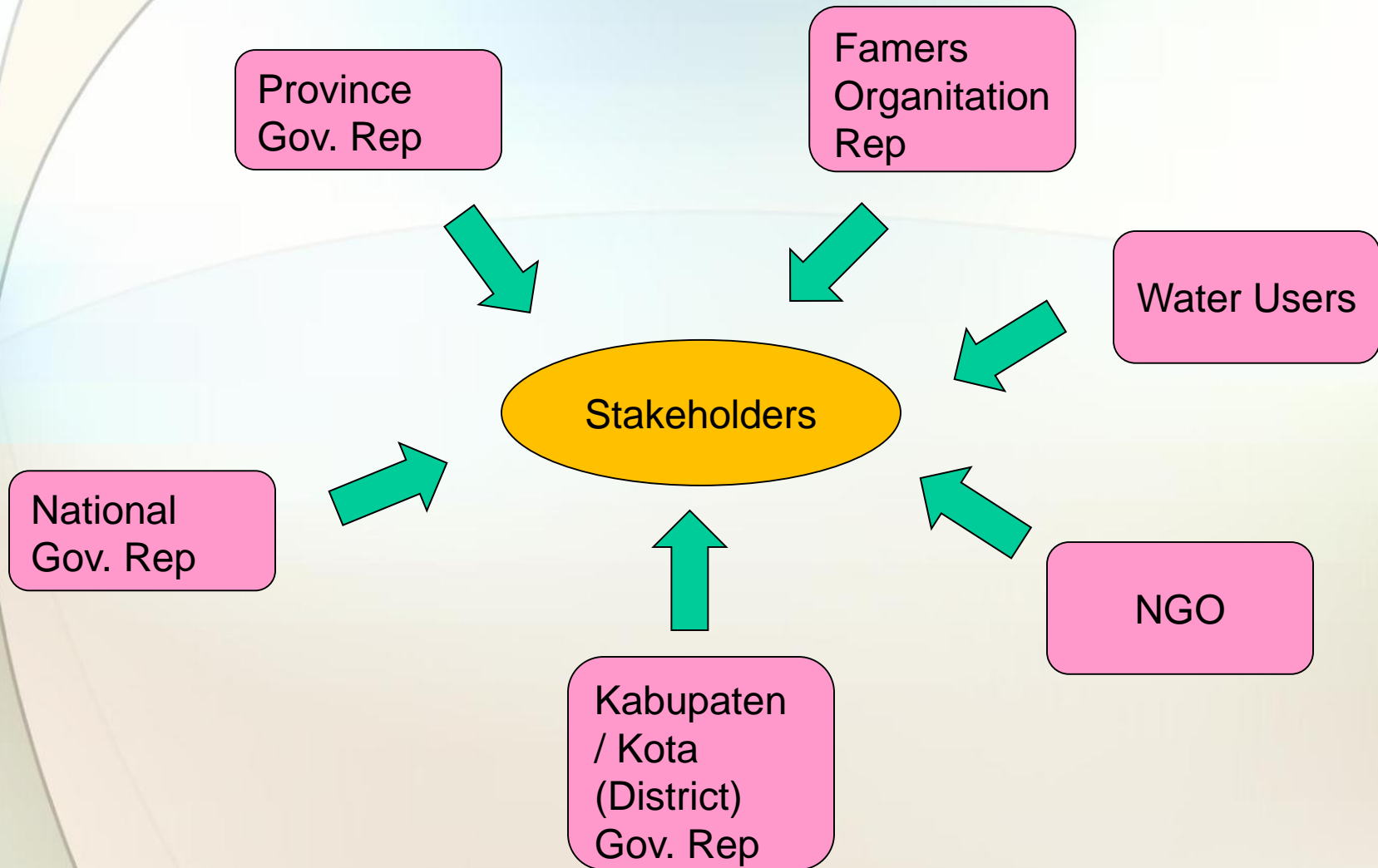


# what we are doing?

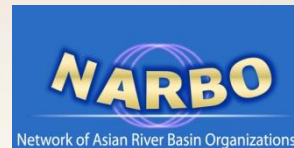
- ❖ PJT I Operated Three Big Dam In Bengawan Solo River Basin :
  - Wonogiri MP Dam
  - Colo Dam
  - Babat Dam
  
- ❖ Flood Control Management By Giving Up to Date Information :  
(Telemetry System)
  - AWLR : 26 Unit
  - ARR : 26 Unit
  - EWS : 36 Unit



❖ As a Member of Coordination Committee For Water Resource Management :

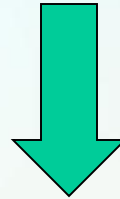


❖ Supporting NGO Involvement



## Proposed Countermeasure

- Keeping proper intake function
- Sedimen removal in the reservoir
- Watershed conservation



- New Gate
- Dredging
- Checkdam, Reforestation

**Matur Nuwun**

**Terima Kasih**

**Salamat Po**

**Thanks**

