

National Water Resources Master Plans as a Basis for TWRM Case Study on Nigeria

Keyword: Capacity Development

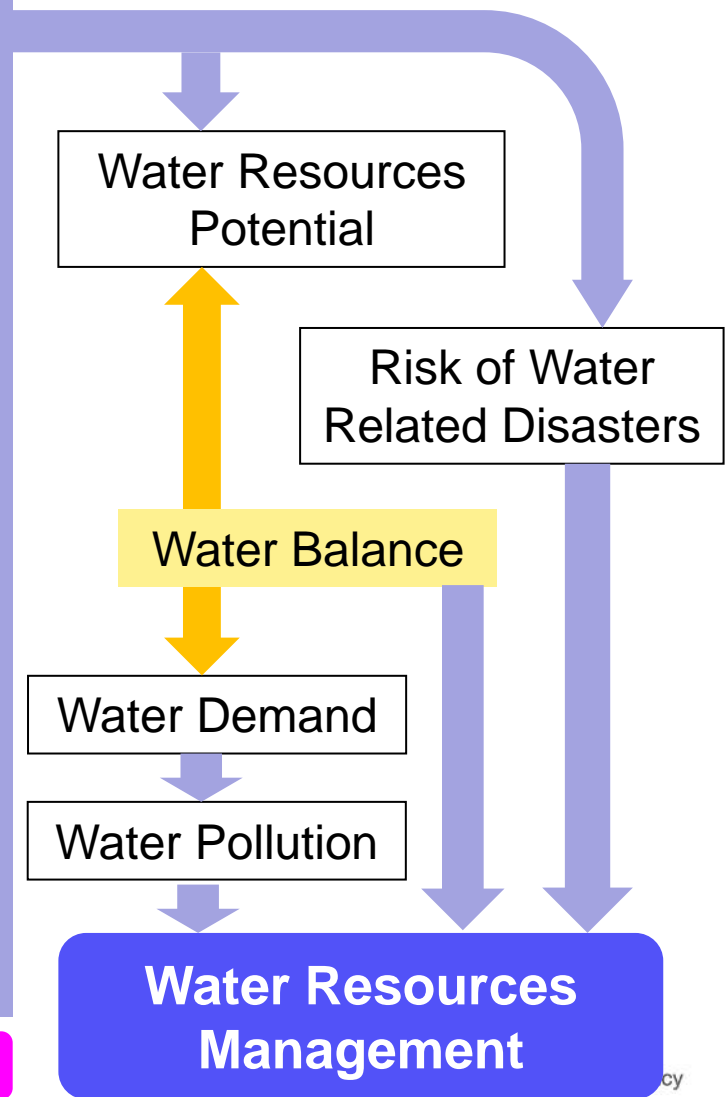
9 March 2012

Japan International Cooperation Agency (JICA)

Katsuyoshi SUDO

Field Observation is fundamental for WRM

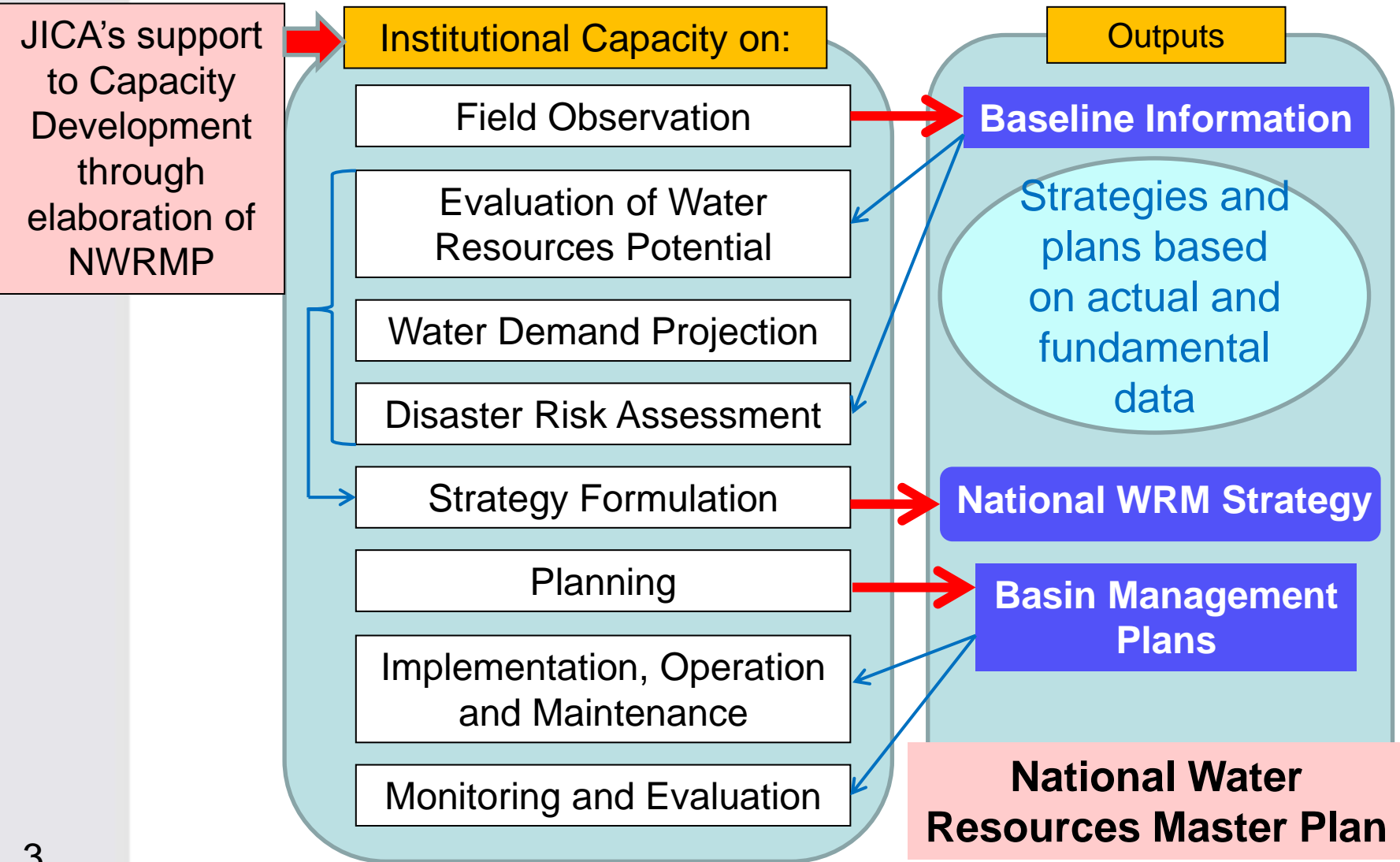
Hydro-Meteorological Observation Data



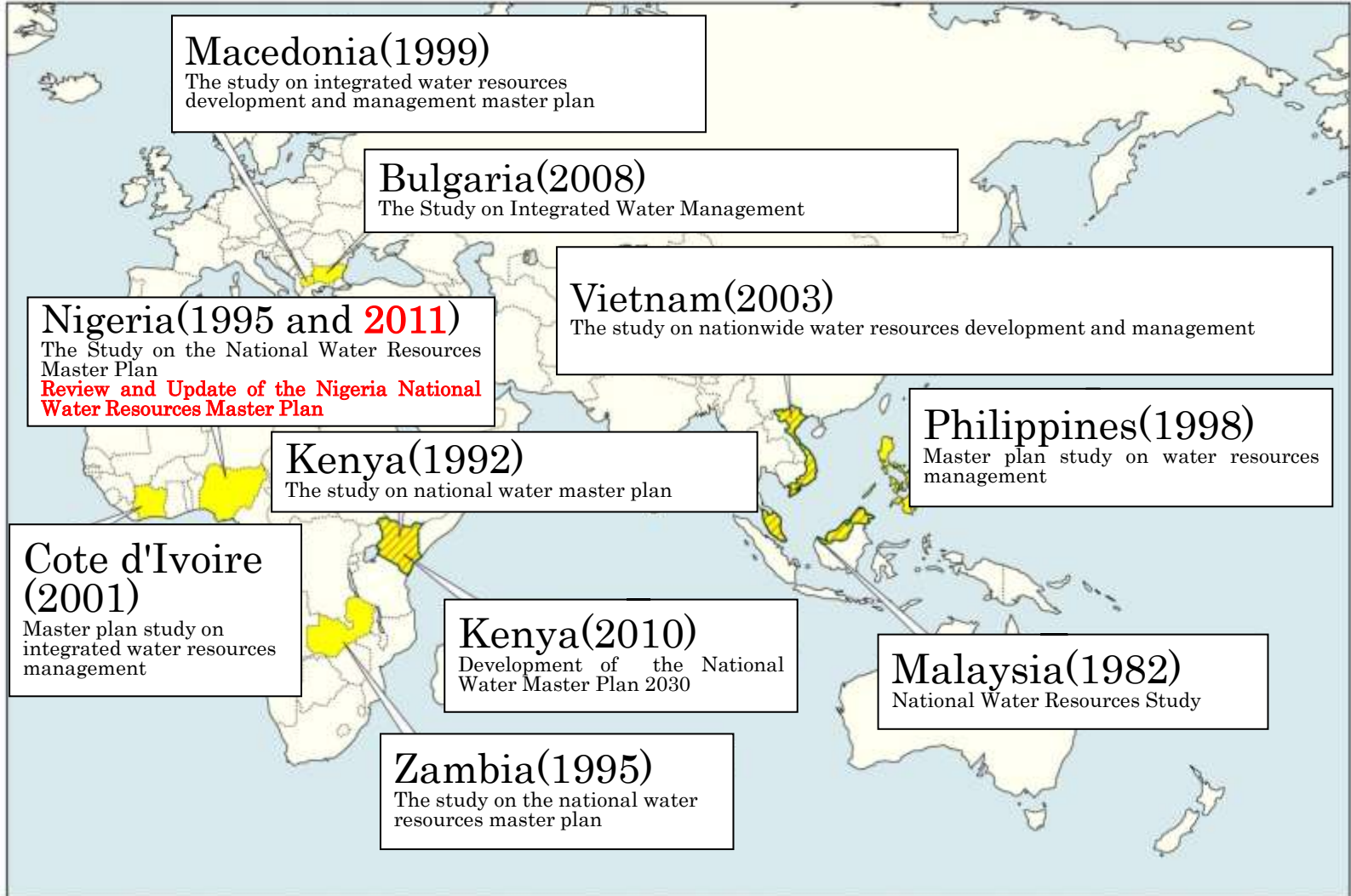
Baseline information for WRM

JICA's National Water Resources Master Plan Building National Capacity on WRM

from Field Observation to Strategy and Implementation



JICA has supported formulation of National Water Resources Master Plans



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JICA's on-going assistance to review and update the Nigeria National Water Resources Master Plan



Nigerian Government's commitment for IWRM

Establishment of the Nigeria IWRM Commission (NIWRMC) in 2008



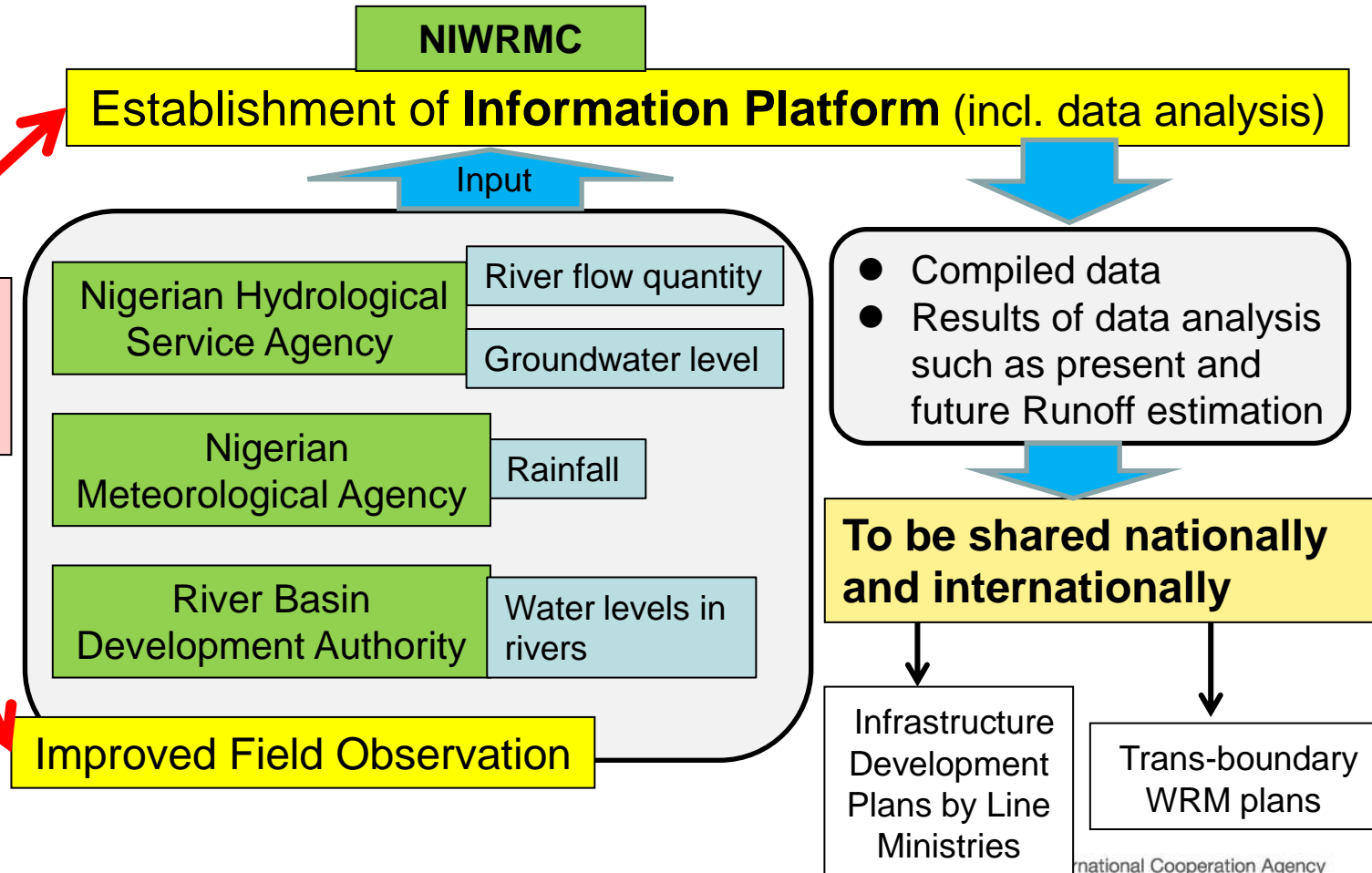
JICA's support

- Policy and Strategy on IWRM
- Formulation of Catchment Management Plans (CMPs)
- Development of Institutional Capacity

- ◆ **CMPs for two Pilot Basins**
 - North Niger (trans-boundary basin along River Niger)
 - West Littoral

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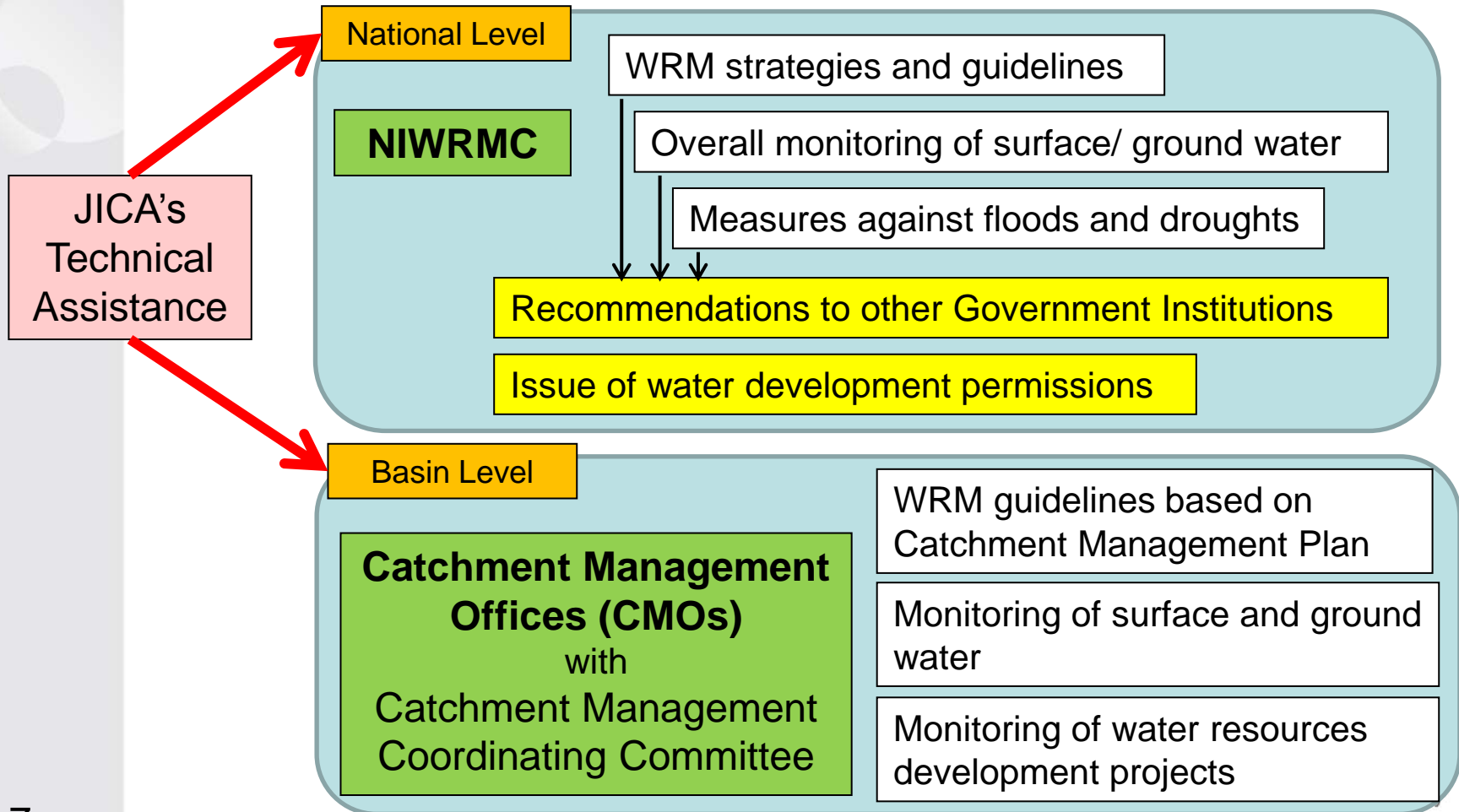
Strengthening National Capacity for Managing Baseline Information for WRM



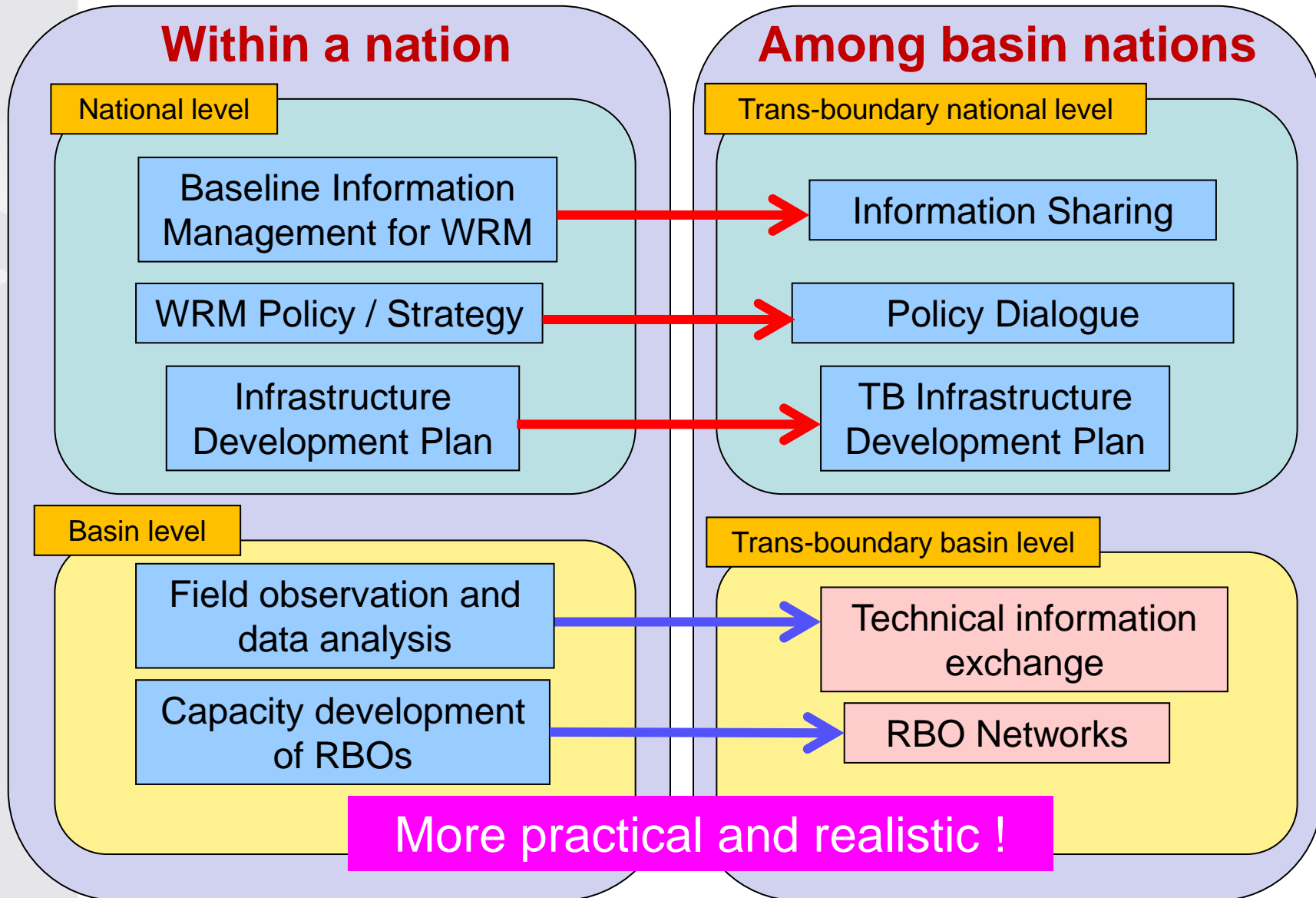
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Developing Institutional Capacity

- **NIWRMC as a national WRM regulator**
- **CMOs (=RBOs) as basin-level enforcement agencies**

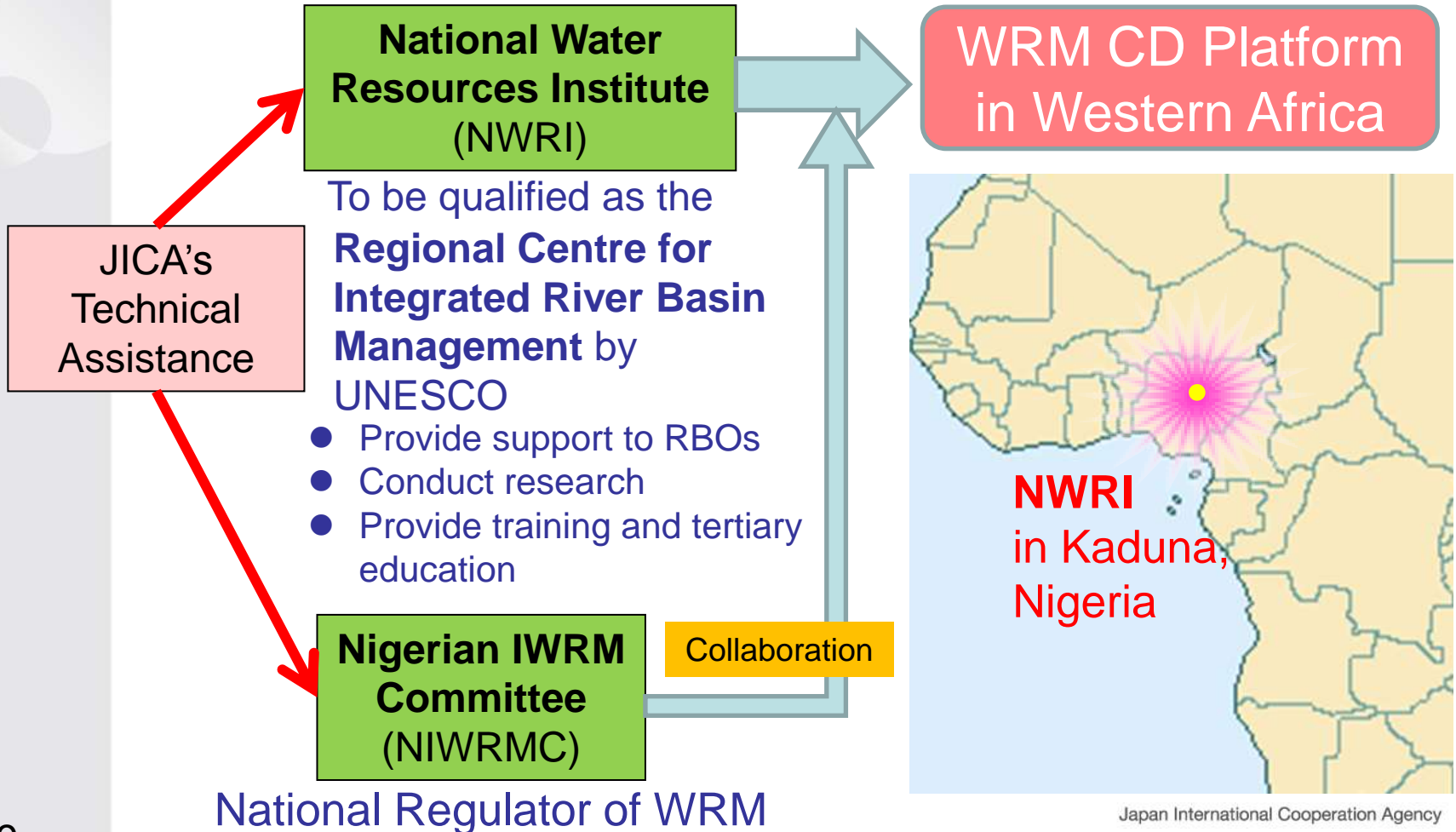


From National to Trans-boundary WRM



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Prospects for Regional Capacity Development (CD): Promoting exchange of researchers and engineers

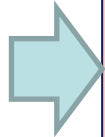


Pioneering Trans-boundary CD Initiative

GEOSS African Water Cycle Coordination Initiative

Based on a collaboration between the **Group on Earth Observations (GEO)** and RBOs in Africa, **Global Earth Observation System of Systems (GEOSS)** supports application of coordinated, comprehensive and sustained Earth Observations and information across trans-boundary river basins in Africa, particularly focusing on:

- Observation activities and data management
- Capacity development on:
 - observation
 - data archiving
 - modeling
 - prediction
 - climate change impact assessment
 - data integration



Improvement of the water resources management capacity



Participating RBOs: Lake Chad, Medjerda, Niger, Nile, Okavango, Orange-Senqu, Senegal, Zambezi



Goal : To facilitate better management in trans-boundary rivers in Africa

*Thank you very much
for your kind attention.*

