

IWRM Solutions in River Basins

- Experience from Mahaweli & Kala Oya River Basins in Sri Lanka

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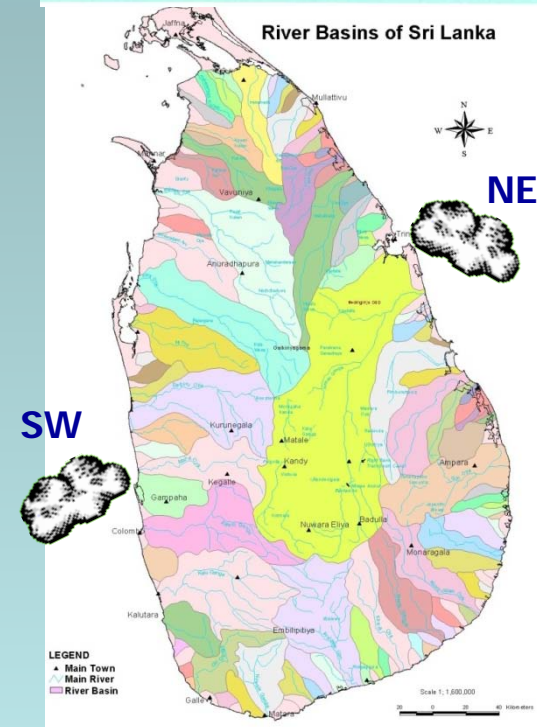
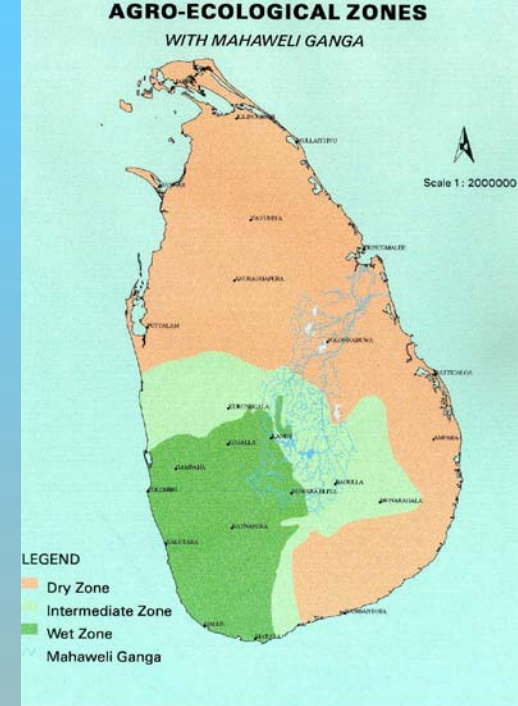


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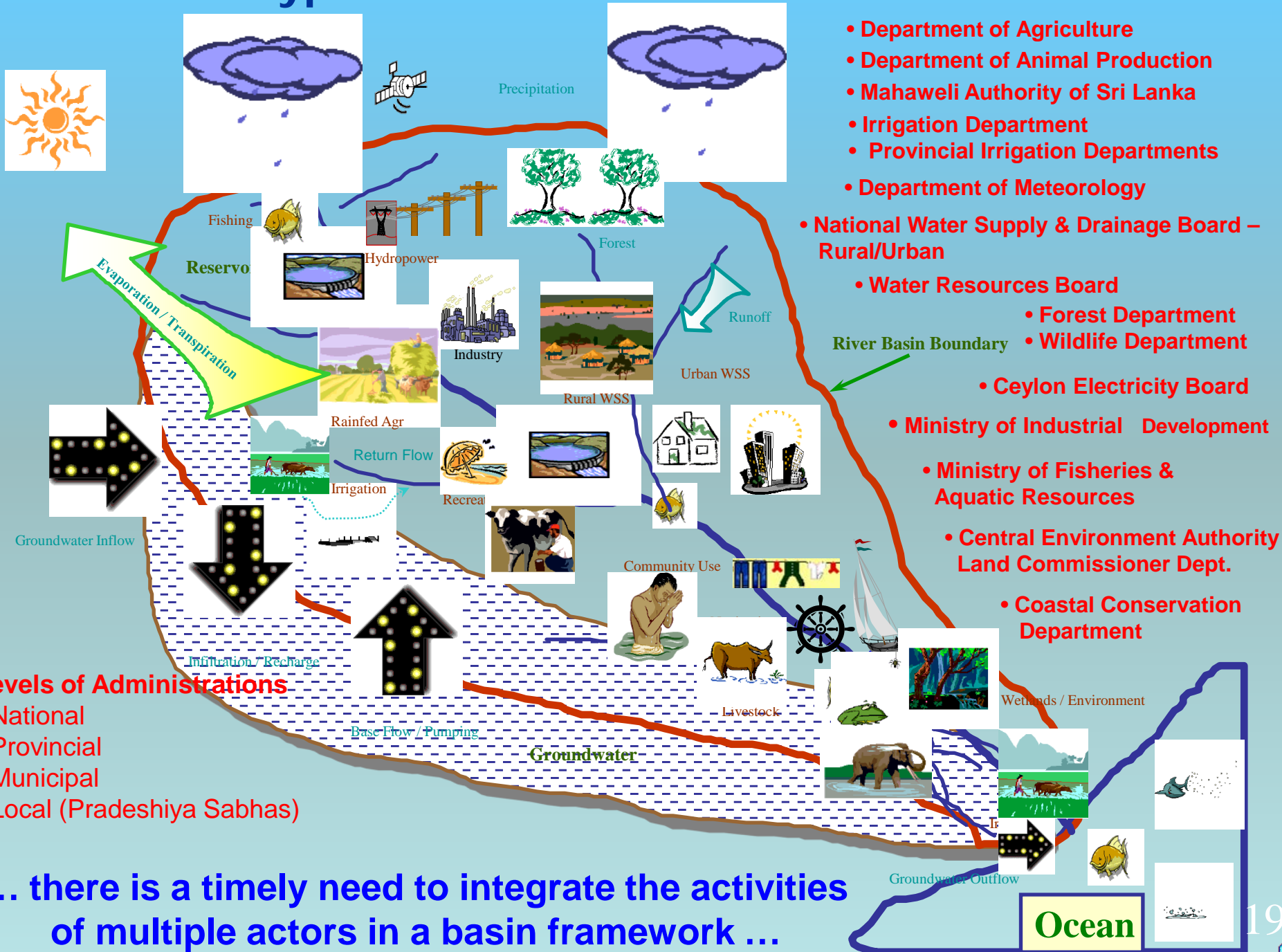
Introduction

- Country

- ❑ Sri Lanka is an Island which consists of a mountainous area in the south-central parts and a vast coastal plain, which surrounds it.
- ❑ Total Land Area is 65,525 sqkm.
- ❑ Population is about 19 million and over 75% of the country's population lives in rural areas.
- ❑ Climatically ,
 - ❑ Wet Zone
 - ❑ Intermediate Zone
 - ❑ Dry Zone
- ❑ Sri Lanka receives rainfall from two monsoons
 - ❑ *South-West (May to September)*
 - ❑ *North-East (December to February)*
- ❑ Mean annual rainfall varies from 900mm to over 5000mm.
- ❑ Total annual rainfall is approximately 127 billion m³
- ❑ There are 103 river basins in Sri Lanka.



A Typical River Basin in Sri Lanka



- Levels of Administrations**
- National
 - Provincial
 - Municipal
 - Local (Pradeshiya Sabhas)

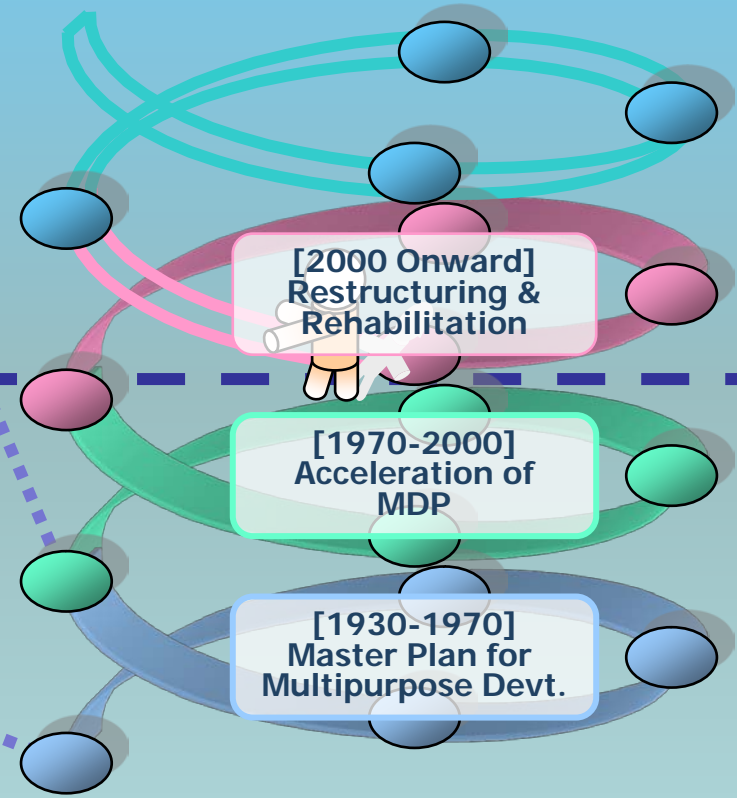
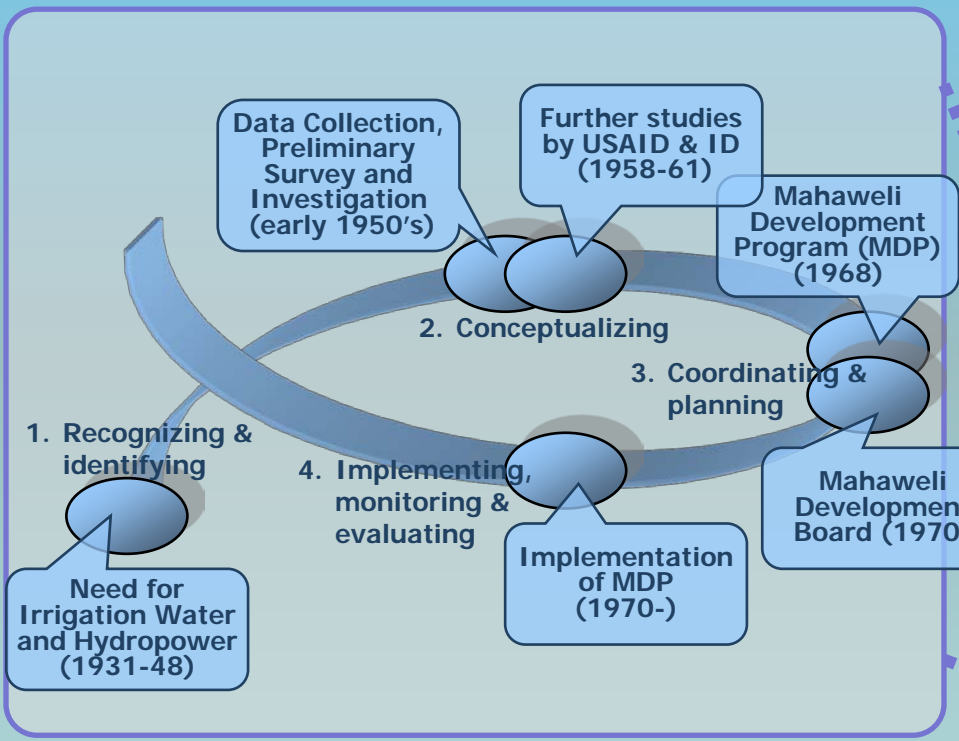
... there is a timely need to integrate the activities of multiple actors in a basin framework ...



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IWRM Progress in the Mahaweli River Basin

Using the IWRM Spiral Model



Conventional Water Management

Modern IWRM

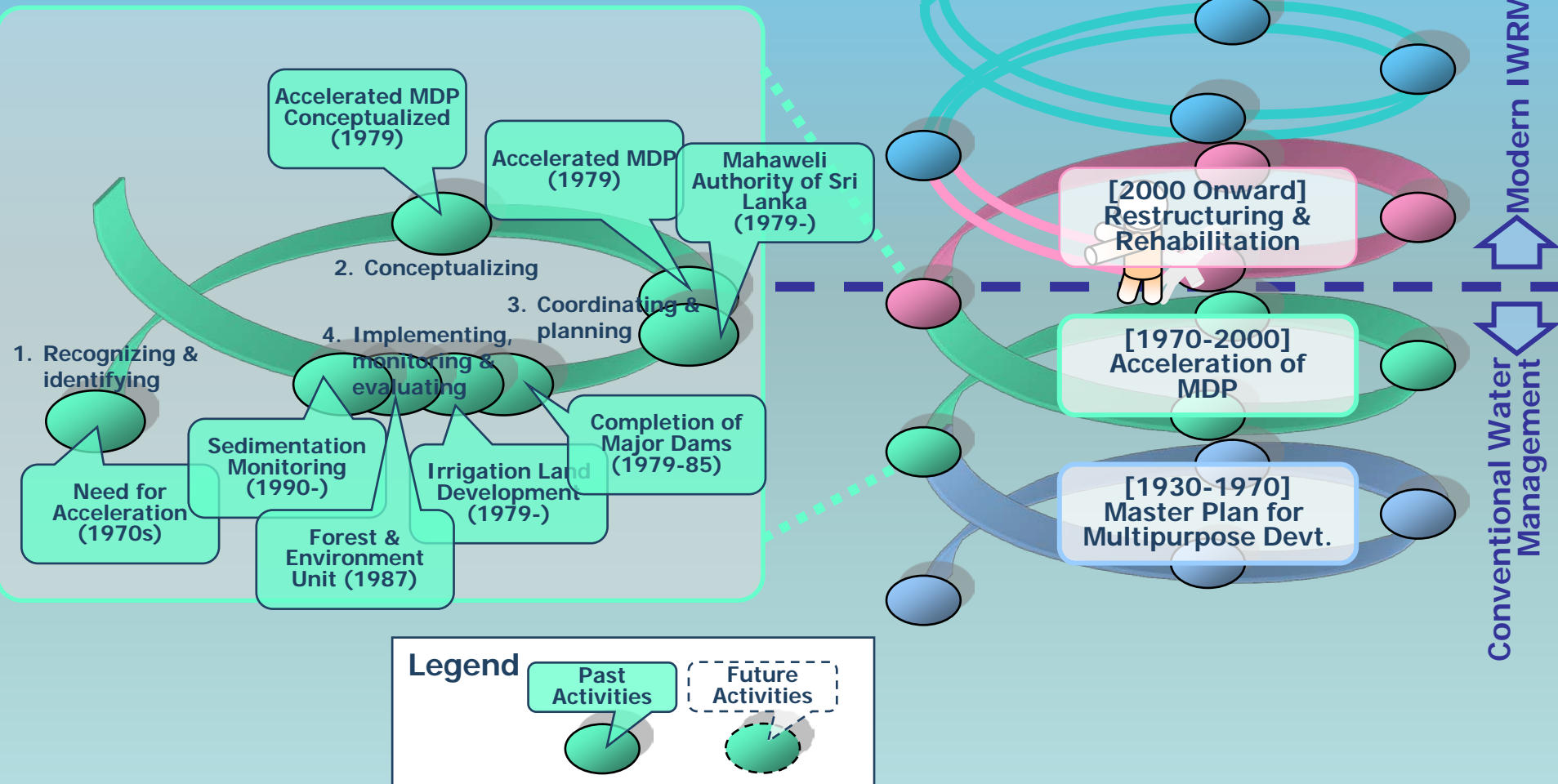




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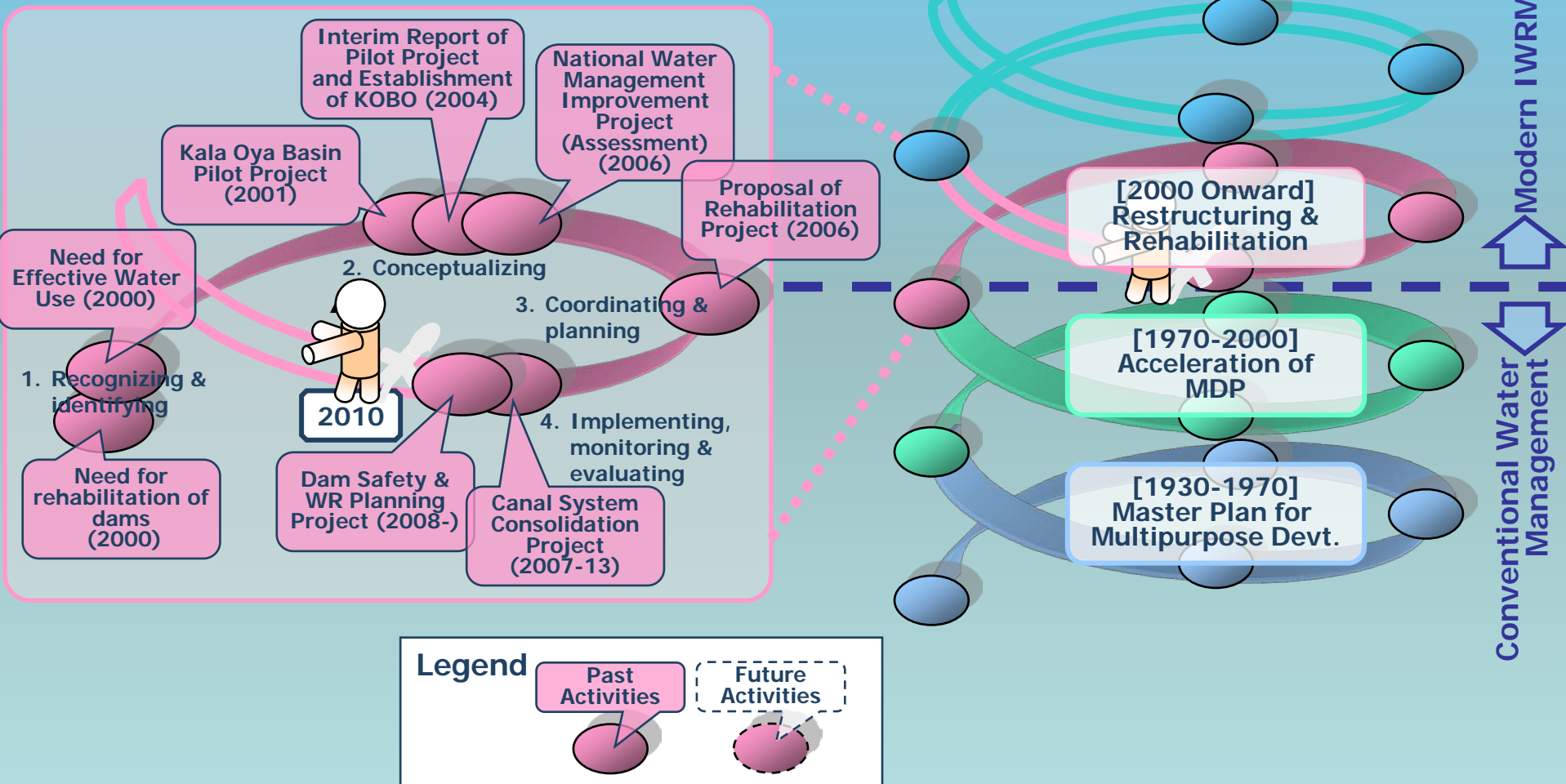




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**Thank You for your
Attention**

