

Current Issues

- Water Scarcity in North & North Central Provinces
- Increasing Domestic water demand
- Kidney Diseases
- Climate Change
- Sand mining, Deforestation
- No revenue from organizations that consume Mahaweli water (CEB, Water Board etc.)



Potential Issues

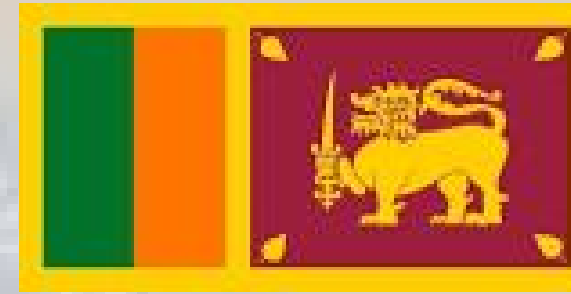
- Population Growth and Urbanization
- Pollution of surface water & Ground Water aquifers
- Reservoirs silted up and reduce storage due to Poor land use practices (Ex. Deforestation).



Solutions

- Construction of Moragahakanda reservoir
- Construction of NCP Canal and Malwathu oya reservoir
- More funds for research on Kidney disease
- Controlling excessive use of chemicals for farming
- Strengthen the existing legal framework on sand mining and deforestation
- Agreement with other organizations to have revenue for Mahaweli water.

SRI LANKA



Mahaweli River Basin

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Sri Lanka

Democratic Socialist Republic of Sri Lanka

Capital City - Sri Jayewardenepura Kotte

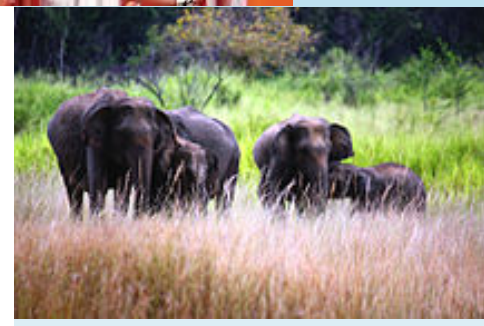
Area - 65610Km²

Population - 20 million (Approx.)

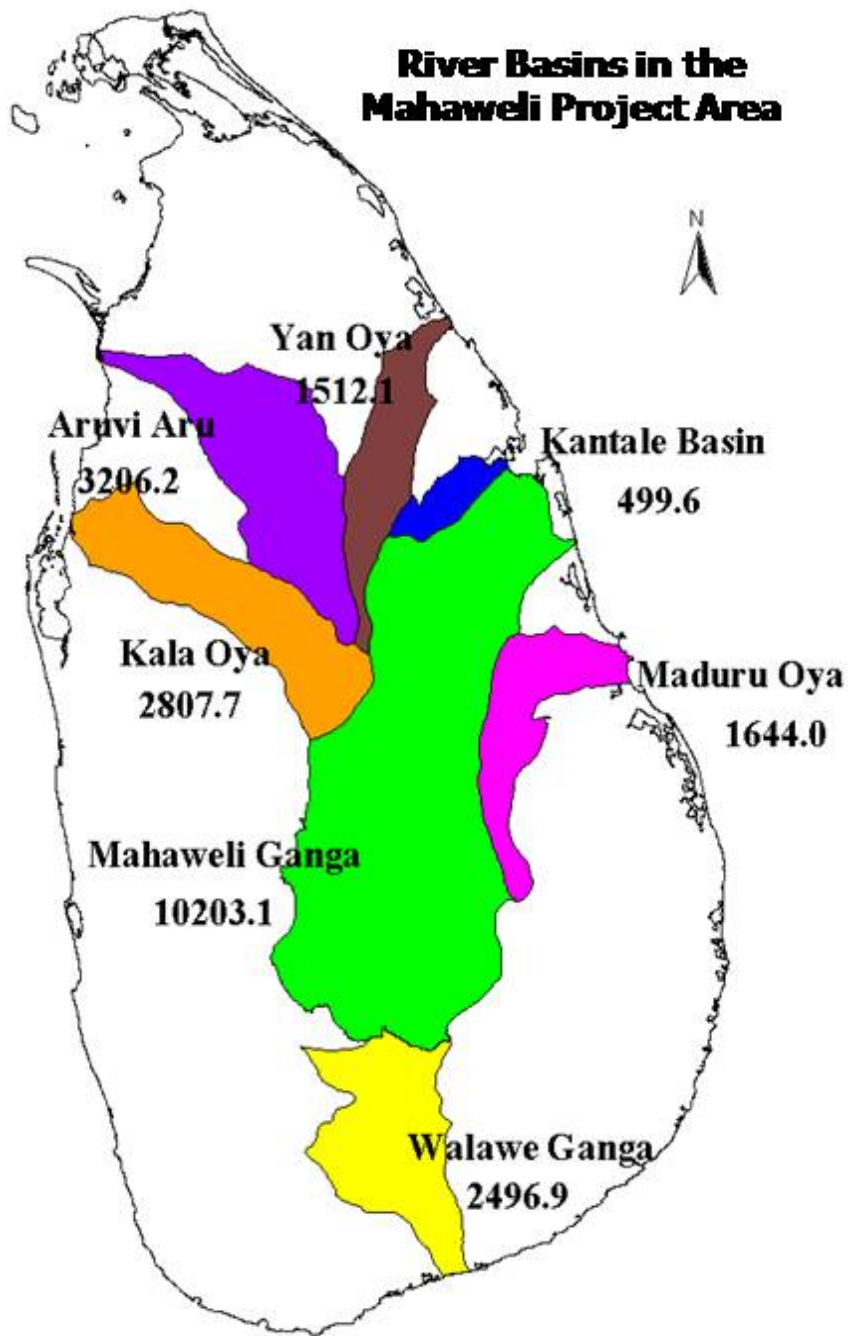
Average Rainfall - 2397 mm

Average temperature-28 ° C -31 ° C

River Basins - 103 nos



River Basins in the Mahaweli Project Area



Mahaweli River Basin

Largest River in Sri Lanka

Length -335 km

Catchment area - 10650 km²

30% in wet zone

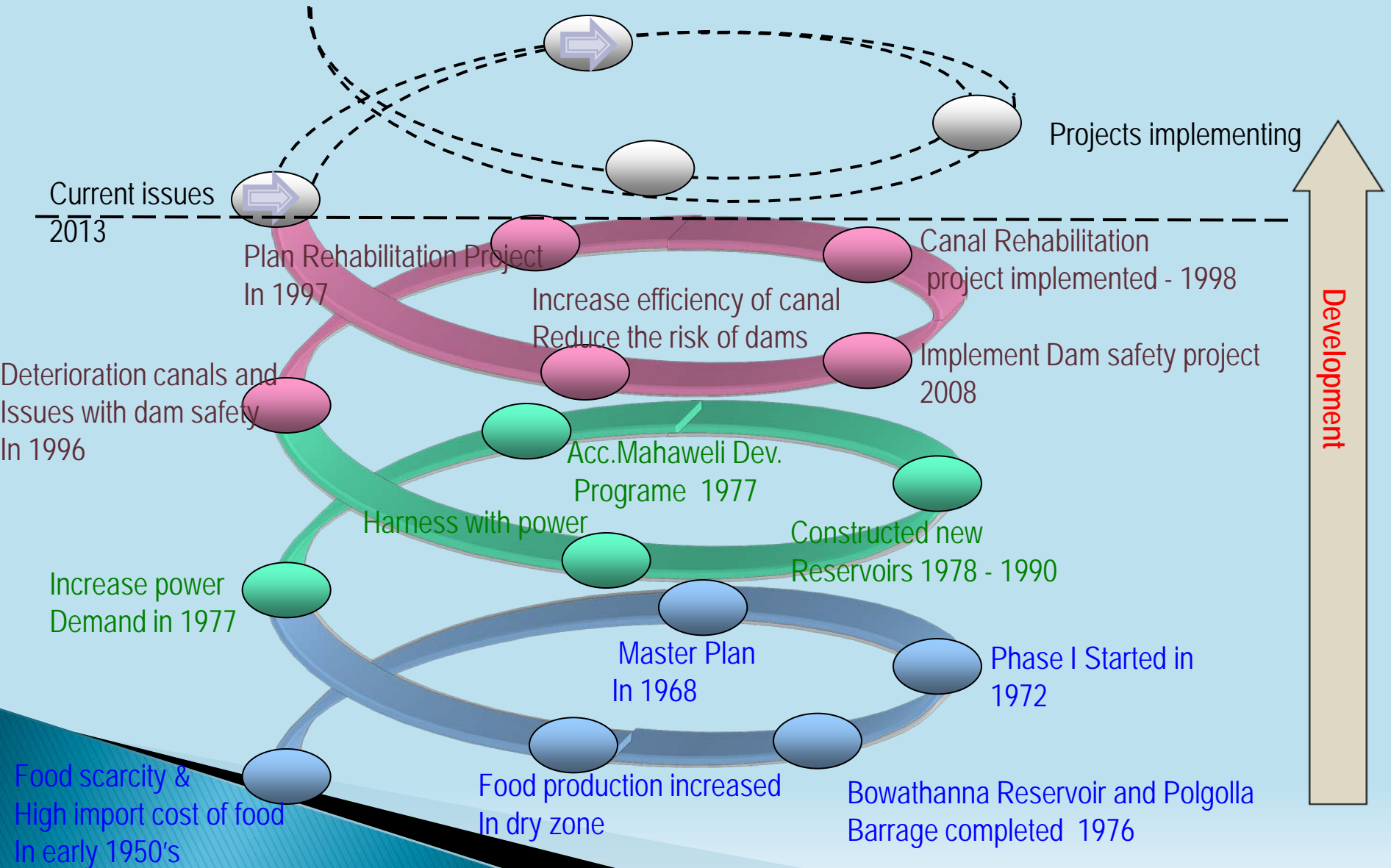
70% in dry zone

Mahaweli river basin caters water demand of following sectors

- Irrigation
- Water Supply & Sanitation
- Hydropower
- Inland Fishing
- Industries
- Recreation
- Sustainable Ecosystem

IWRM spiral For Mahaweli River Basin

Planning & Solutions



Keys For Success

- Provided legal mandate to MASL
- Government support
- Institutional setup
- Moral Contribution of MASL officers and public
- Donations, Loans & grants from other countries (Canada, Sweden, Germany, etc.) and international organizations (WB, ADB, JICA, etc.) in time



Q & A

