

# REPORT ON FIELD VISIT TO UPPER REACH OF THE MAHA OYA BASIN

## GROUP A

Ms. Bhadranie Thoradeniya

Muhammad Tariq Yamin

Mr. Md. Humayun Kabir

Dr. Sandeep

Ms Jasveen Jairath

Mr Zulmai

Mr. Naveen M. Joshi

Mr. Ajaya L. Shrestha

Mr. Molla Ruhul Alam

# Formation of field strategy and Working Teams

- Team I – Coordination and Organization
- Team II – Community Participation
- Team III – Environment & Water Quality

Team I	Team II	Team III
Mr. Zulmai	Ms. Jasveen	Dr. Sandeep
Mr. Kabir	Ms. Bhadranie	Mr. Yameen
Mr. Shrestha	Mr. Joshi	Mr. Alam

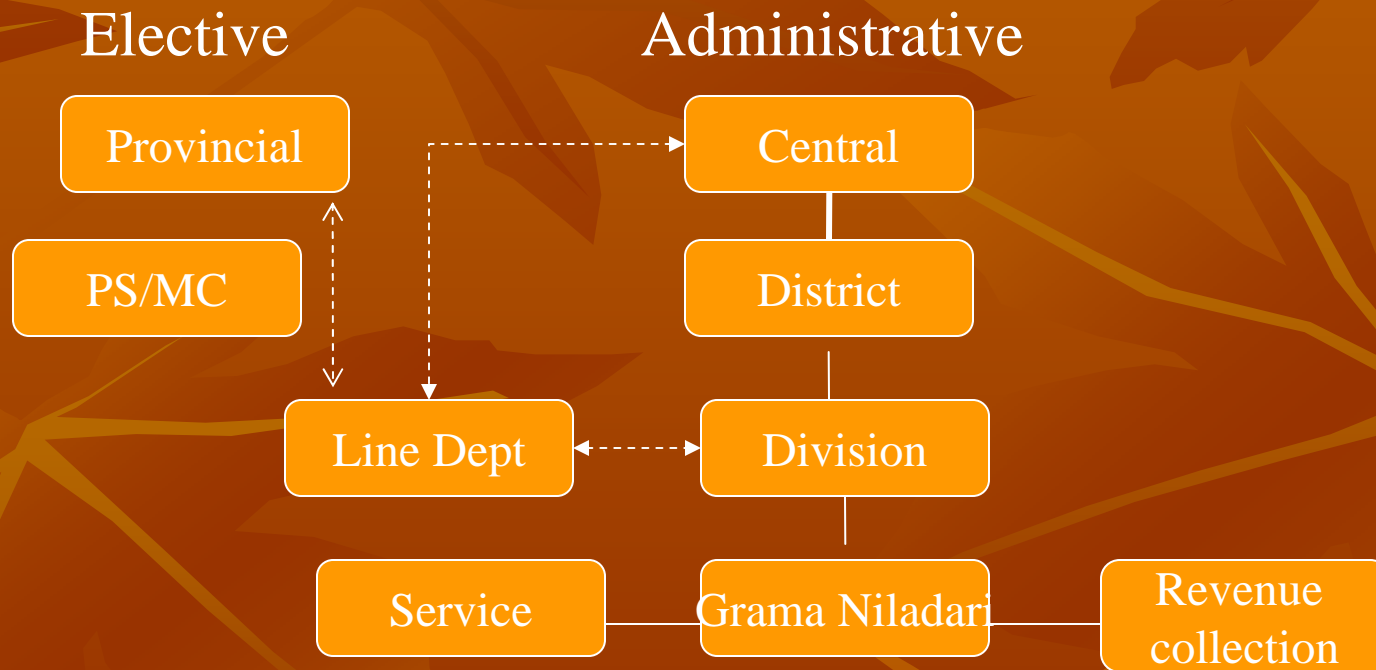
# Observations

## Co-ordination & Organisation

- Different types of Authorities
- Private sector agencies
- NGO's & beneficiary organisations
- Lack of effective co-ordination

# Different types of Authorities

## Existing organizational structure



# Co-ordination & Organisation

**Private sector agencies**

**NGO's & beneficiary organisations**

**Lack of effective co-ordination**

# Observations

## **Community participation**

- Lack of adequate people's participation
- Non-functional CBO's
- One Youth Group "Soba Thurunu Society"
- NGO

# Community participation

- Non-functional CBO's
- CBO's are being formed
- Key members have an adequate knowledge about the issues of the river basin
- Community at large are unaware of the importance of issues such as direct garbage dumping
- Expectation of external help to organise and implement awareness programmes

# Community participation

## One Youth Group “Soba Thurunu Society”

- Youth of the area are forming into societies by them selves
- Are interested in doing projects (identification of rare species of fish)
- Established links with other such groups even outside the basin



# Community participation

## NGO

- Fairly active NGO “maha Oya Mithuro”
- Interaction with Govt. authorities (DS level) at satisfactory level
- Have identified problems of the river and it’s surrounding
- Proposals and solutions are also identified
- Financial constraints

# Observations

## **Environment & Water Quality**

- No baseline data available in all the relevant fields
- Soil erosion in the catchment
- Urban pollution
- Industrial waste
- Negative impacts of Mini hydro-power projects
- Lack of concern for aquatic bio-diversity

# Environment & Water Quality

- Soil erosion in the catchment area
  - ✓ Soil erosion exist in the area
  - ✓ Unplanned settlement on the banks as well as encroaching waterways
  - ✓ Illegal felling of trees at upper part of catchment
  - ✓ No tree plantation to compensate deforestation
  - ✓ Pine tree plantation causing degradation of upper catchment

# Environment & Water Quality

## ■ Urban Pollution

- ✓ Unplanned urbanisation
- ✓ Disposal of untreated sewerage water into the river
- ✓ Encroachment of river banks
- ✓ No mechanism of monitoring ground water quality

# Environment & Water Quality

- Improper Industrial Waste Disposal
  - ✓ Disposal of industrial waste into river without adequate treatment
  - ✓ standards fixed for treatment of Industrial effluent are less stringent than international standards
  - ✓ No system of monitoring river water quality
  - ✓ Treatment plants installed in industrial units are at preliminary stage, even not working in some places

# Environment & Water Quality

- Negative impacts of Mini-hydro power plants
  - ✓ Problems exists with insufficient water flow for drinking water supply abstraction during dry weather flow.
  - ✓ Absence of proper EIA & SIA
  - ✓ Illicit felling of forest has become accelerated due to easy access



Thank you