

Session-3

3rd Thematic Workshop on Water Allocation and Water Rights

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Key Water Related Issues Identified in Sri Lanka

- Lack of Proper Planning in the Water Resources Management Sector

- Improper Water Management Practices due to Technical or Other Reasons

- Lack of access to Safe Drinking Water for the Rural Community. (Focus on Dry Zone)



1. Lack of Proper Planning in the Water Resources Management Sector.....

- **Develop Water Resource Master Plan for Sri Lanka for next 25 years. Get all the sectoral Master Plans and develop a National WR Plan.**
 - **Realization: A TWG has to be formed with the representation of all water handling agencies at present to involve with the planning process from the inception.**
 - **Expected Impact/Outcome:**
 - All the water users are having effective mechanism to address their issues.
 - Minimization of water related conflicts. (All sectors are happy)
 - **Finance/Feasibility:**
 - Will be done with Donor Funding (Counterpart funding can also be shared)
 - All water related agencies are jointly handling this project and organization is having the technical capability.
 - Therefore sustainability is ensured.

1. Lack of Proper Planning in the Water Resources Management Sector.....

- **Strengthening the existing Apex body (WMS) by introducing more participation from different sectors (Power, Irrigation & Water Supply) to make the decision making process more effective.**
 - **Realization: Review the existing situation & ensure more dynamic participation.**
 - **Expected Impact/Outcome:**
 - More active participation of all sectors with high responsibility/commitment for scheduled meetings.
 - Optimization of all sectoral needs.
 - **Finance/Feasibility:**
 - No significant finance is involved since existing organization can manage the process with local budget.
- **Crop Diversification.**
 - **Expected Impact/Outcome:**
 - Less water consumption
 - Revenue of the farmers will be increased.
 - Developed more informed farming community.

1. Lack of Proper Planning in the Water Resources Management Sector.....

- **Immediately introduce other form of Electricity Generation Options.**
 - **Realization: Introduce coal (other options) power plants to meet the growing demand of energy.**
 - **Expected Impact/Outcome:**
 - **Un-interrupted power supply.**
 - **Low cost of production**
 - **More investment friendly environment will be created. (Specially Foreign Investors)**

2. Improper Water Management due to Technical or Other Reasons



- Provide adequate measuring devices for atleast Main, Branch/D-canal system and strengthening Institutional setup to work the system more efficiently.
 - **Realization:**
 - Install measuring devices & provide on the job training for O&M Staff and Farmers.
 - **Expected Impact/Outcome:**
 - Flexible water management system having control mechanism.
 - Less water management issues among beneficiaries.
 - Water saving
 - **Finance/Feasibility**
 - **Can manage with local budget with own organizational expertise**



2. Improper Water Management due to Technical or Other Reasons



- Introduce Bulk Water Allocation and motivate farmers to save more water from the allocation . Introduce some incentive scheme for such farmers.

➤ Realization:

- Bulk water allocation concept will be introduced with thorough awareness to farmers and Introduce workable incentive or promotion program to encourage farmers.
- Expected Impact/Outcome:
 - Farmers use right quantity of water. No waste of water.
 - Optimum utilization of available water
 - More productivity.
 - Economic situation will be improved.
- Finance/Feasibility
 - No much of finance is involved.
 - Once majority of the farmers aware this system is having lot of advantages for their prevailing system ,feasibility is ensured.



2. Improper Water Management due to Technical or Other Reasons



- Develop O&M Policy for the different level of Irrigation systems .(IMT and PIM)
- Convince Government the importance of proper O&M since the sustainability of the National Assets from the huge Capital Investments, is Government Responsibility.
 - **Realization:**
 - Aware farmers and convince Finance Ministry officials the importance of this need for long life of expensive systems developed with huge capital investments.
 - **Expected Impact/Outcome:**
 - Properly managed irrigation system.
 - Long life for the assets of irrigation systems and more revenue for the people and hence poverty will be reduced in the country.
 - **Finance/Feasibility**
 - No significant finance is required.
 - Commitment of farmers and the Government on O&M of different levels will ensure the sustainability.



3. Lack of access to safe drinking water for the rural community in the dry zone.

- Develop a community water supply policy including different options available in local environment.
- Empower rural community to plan their own community water projects to suit their needs. (eg. Dug Wells, Metered Water, Rain Water Harvesting, Street Pipe sharing etc.)
 - Realization:
 - Now National Water Supply & Drainage Board is establishing a common guide line for Rural Water Sector. Who ever provide funding has to follow same policy.
 - Expected Impact/Outcome:
 - Rural people will receive safe drinking water.
 - Health condition of the rural community will be largely improved
 - Finance/Feasibility
 - Country can manage the program with local funding.
 - Community themselves are managing these water projects (Operation & Maintenance) and not depend on agencies. Therefore sustainability is ensured

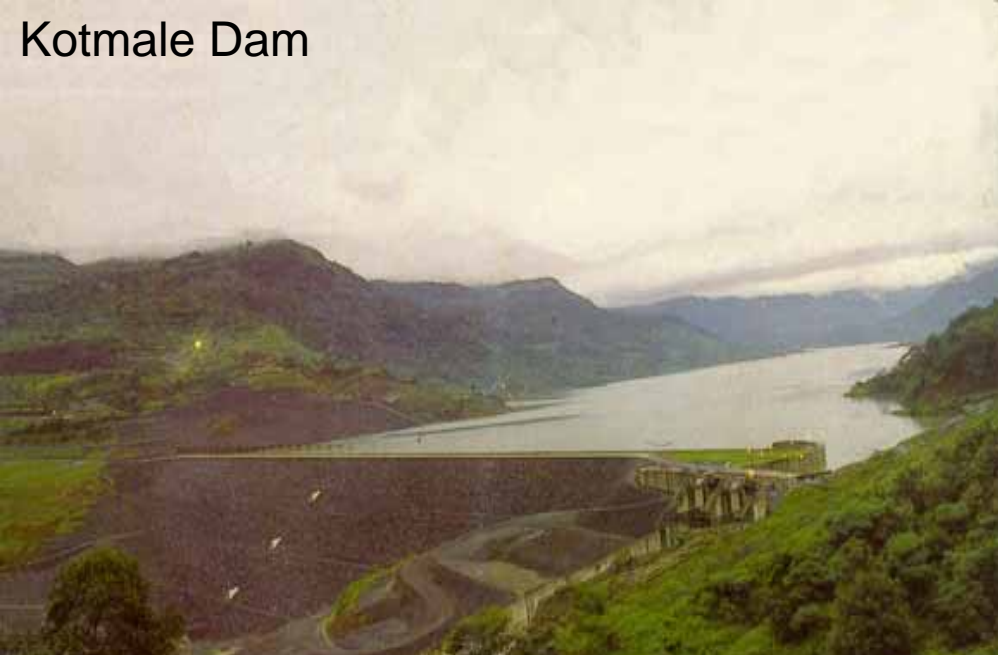


3. Lack of access to safe drinking water for the rural community in the dry zone.

- Introduction of low cost reliable rain water harvesting system. In almost all the households in dry zone.
- Conduct awareness programs on Quality of water and repercussion of use of pollute water and encourage to minimize incorrect agrochemical use to their farm lands.
 - Realization:
 - Through effective awareness campaign.
 - Expected Impact/Outcome:
 - Dry Zone rural people are having drinking water even in the driest season.
 - Health problem will be minimized.
 - Economy of the people will be better.
 - Finance/Feasibility
 - Can be manage with local budget. NGOs are active in this sector and funds will be available through them too.
 - Since people feel this is owned by them it ensure sustainability



Kotmale Dam



Thank you for Your Attention



Devon Falls