

Country Name: Sri Lanka

Name of Organization: Mahaweli Authority of Sri Lanka

Discussion Material (1) - Issue-1

	The Selected Issue	Requirement of Improving & Strengthening the Corporate Planning Process in the Water Resources Development and Management Sector.
1	Bad impacts and Real Trouble derived from the Issue .	Water was not considered as a scarce resource until recently. Water Resource Development was taken place on Sectoral Basis. Now priorities are being changed and Domestic Water Supply is becoming as the top priority. Because of this issue , priority sectors are facing water shortages in some periods . As a result unexpected Power Interruptions and Limitation of Supply of Drinking Water to some areas could be imposed.
2	Causes of the Issue	No single Ministry in the Country is Responsible for Water Sector Development and Mangement Issues. Similarly inadequate interaction among different sectors during the planning and sometimes their reluctance for integration due to various constraints are also affecting .
3	Proposal (1)	Develop a Water Resources/Use Master Plan for Sri Lanka for next 20-25 years by integrating all the sectoral Plans already developed by sectoral agencies.
	Proposal (2)	To strengthen the existing unit (Water Management Secretariat of MASL) by enhancing more active participation from different sectors (Power, Irrigation & Water Supply and Local Authorites) and Introducing New Technology (ie SCADA) to enhance the decision making process more effective
	Proposal (3)	Encourage relevant agencies to go for other form of Electricity Generation Options so that Power Sector would not be fully/continuously depend on Hydropower.

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Discussion Material (1) - Issue-2

	The selected Issue:	Need of Filling the Gaps in Current Water Management Practices/Approaches by providing Technical & Other Support
1	The Bad Impact and Real Trouble derived from the issue.	This leads Low Productivity . Because this situation is directly affect to livelihood of Water Users/Farmers, their Economy is badly affected. Also wastage of Irrigation Water could be seen. Similarly Trust between Community and the Water User Associations would be affected
2	Causes of the issue.	No sufficient Measuring Divises available. Poor O&M of canals and Related Structures. Overuse of Irrigation Water. Technology Gap of O&M Staff and Water Users. Reluctance of Farmer Community to move from Traditional ways of doing things to New Practices which save more Water. Similarly No Incentives for those who is attempting to save Water .
	Proposal (1)	To provide adequate measuring devices for at least key turnouts of Main, Branch/D-canal system, and to strengthen institutional setup to work the system more efficiently
3	Proposal (2)	To introduce Bulk Water Allocation Concept, to motivate farmers to save more water from the allocation, and to introduce some incentive scheme for such Water Users.
	Proposal (3)	To implement already developed O&M policies for the different level of Irrigation Systems (IMT and PIM) To convince Authorities, the importance of Allocating adequate O&M Funds , since the maintaining keeping sustainability of these national assets which have been developed from the huge capital investments, is a Government's responsibility

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Revised Discussion Material 2-Issue 1-Proposal - 1

1	The issue you selected	Need of Improving/Strengthening the Corporate Planning Process in the Water Resources Development & Management Sector.				
2	Proposal	Develop a Water Resources/Use Master Plan for Sri Lanka for next 20-25 years by integrating all the sectoral Plans already developed by sectoral agencies.				
	How to realize the above proposal? (Procedures/Processes for your proposal)	A Technical Working Group (TWG) will be formed with the representation of all Water Handling Agencies at present , to involve with the Planning Process from the inception.				
3	Evaluation (1) from the viewpoint of effectiveness (Expected Impact/Outcome)	All the water users are having effective mechanism to address their issues. Minimization of water related conflicts.				
	Evaluation (2) from the viewpoint of feasibility (For example, from the viewpoint of finance, organizational capacity, or consensus building)	Organization is having the necessary capacity to handle this work with the coordination of other water related agencies with external financial assistance which are already committed.				
	Evaluation (3) from the viewpoint of sustainability (Your proposal is sustainable from financial, technical or other viewpoints?)	Since all water related agencies jointly handle this Key Task and Organizations are having the technical capability to manage the process, sustainability is ensured.				
4	Implementation Agenda	Items in procedures/processes	2006/2007	2008	2009	2010/2011
		Establish TWG which represent key officers of All Water Handling Agencies.	XX			
		Preparation Work	XX			
		Commencing Work with situation analysis		XX		
		Implementation with the Guidance of Client/TWG			XX	XX
5	Difficulty in Implementation of your proposal	Reluctance of some sectors to change from prevailing practices and attitudes .				
6	Other Related Organizations	Irrigation Department, National Water Supply & Drainage Board, Water Resources Board, Ceylon Electricity Board, Meteorological Department, Central Environment Authority. Dissaster Management Centre.				

Revised Discussion Material 2-Issue 1-Proposal - 2

1	The issue you selected	Need of Improving/Strengthening the Corporate Planning Process in the Water Resources Development & Management Sector.				
2	Proposal	To strengthen the existing unit(Water Management Secretariat-MASL) by enhancing more active participation from different sectors (Power, Irrigation & Water Supply and Local Authorities) and Introducing New Technology (ie SCADA) to enhance the decision making process more effective				
	How to realize the above proposal? (Procedures/Processes for your proposal)	Review the existing situation & fill the Gaps and Introduce Technology ensure more dynamic participation.				
3	Evaluation (1) from the viewpoint of effectiveness (Expected Impact/Outcome)	More active participation of all sectors with high responsibility/commitment and with New Facilities for decision making process, optimization of all sectoral needs possible.				
	Evaluation (2) from the viewpoint of feasibility (For example, from the viewpoint of finance, organizational capacity, or consensus building)	No significant Finance is involved since existing organization can manage the process within local budget. Hence feasibility can be ensured.				
	Evaluation (3) from the viewpoint of sustainability (Your proposal is sustainable from financial, technical or other viewpoints?)	Organization is currently operationalizing this mechanism and have the capacity to improve it further. Also this can be managed through own funds , Hence sustainability is ensured.				
4	Implementation Agenda	Items in procedures/processes	2007	2008	2009	2010
		Review the existing situation	XX			
		Conduct Workshops	XX			
		Strengthening the mechanism.		XX		
		Monitoring	XX	XX	XX	XX
5	Difficulty in Implementation of your proposal	Getting the participation of Senior Level Officers sometimes may be difficult, since they are busy with other important matters too.				
6	Other Related Organizations	Irrigation Department, National Water Supply & Drainage Board, Water Resources Board, Ceylon Electricity Board				

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Revised Discussion Material 2-Issue 1-Proposal - 1

1	The issue you selected	Need of Improving/Strengthening the Corporate Planning Process in the Water Resources Development & Management Sector.									
2	Proposal	Encourage to go for other form of Electricity Generation Options so that Power Sector is not fully/continuously depend on Hydropower.									
	How to realize the above proposal? (Procedures/Processes for your proposal)	To encourage to implement Electricity Policy of the country to go for other form of electricity generation options such as coal power to provide base load of Electricity Supply , so that Hydro Power could be match with fluctuating demand.Then Storages of Multipurpose Reservoirs could be optimize and allocatopn could be done more productively to all sectors.									
3	Evaluation (1) from the viewpoint of effectiveness (Expected Impact/Outcome)	Water Allocation to all stakeholders can be optimized. All stakeholders would be happy.									
	Evaluation (2) from the viewpoint of feasibility (For example, from the viewpoint of finance, organizational capacity, or consensus building)	Although this proposal is seems to be more related to the country's Energy Generation Policy, today country is trying to use maximum Hydro Power Potential from Storage Reservoirs which affects adversely to Water Allocation Policy. Now annual demand for Electricity of the country is 8% and already GOSL has initiated two 900MW coal power plants in North Western and North Estern Part of the country with Donor Funds. During next 5-10 yearstime, these two Power plants will be completed in three stages.									
	Evaluation (3) from the viewpoint of sustainability (Your proposal is sustainable from financial, technical or other viewpoints?)	With the completion of above two massive coal power plants in the country , power sector will not depend on Hydro Power as at present and Water Allocation among the sectors and other stakeholders could be done more effectively. Hence sustainability is ensured.									
4	Implementation Agenda	Items in procedures/processes	2007	2008	2009	2010	2011	2012	2013	2014	
		Feasibility Study	XX								
		Design Phase		XX							
		Implementation			XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX						
		Commissioning				XX				XX	
Monitoring	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX										
5	Difficulty in Implementation of your proposal	Objections from the Environmentalists and some extreme groups for implementation of Coal Power Plants.									
6	Other Related Organizations	Ceylon Electricity Board, Ministry of Finance & Planning ,									

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Revised Discussion Material 2-Issue 2 -Proposal 1

1	The issue you selected	Need of Filling the Gaps in Current Water Management Practices/Approaches by providing Technical & Other Support																														
2	Proposal	To provide adequate measuring devices for at least key turnouts of Main, Branch/D-canal system, and to strengthen institutional setup to work the system more efficiently																														
	How to realize the above proposal? (Procedures/Processes for your proposal)	Install measuring devices & provide on the job training for O&M Staff and Farming Community.																														
3	Evaluation (1) from the viewpoint of effectiveness (Expected Impact/Outcome)	Flexible water management system having effective control mechanism. Less water management issues among beneficiaries. Water Saving																														
	Evaluation (2) from the viewpoint of feasibility (For example, from the viewpoint of finance, organizational capacity, or consensus building)	Can manage with Local O&M budget with own organizational technical staff and expertise. Hence Feasibility is ensured.																														
	Evaluation (3) from the viewpoint of sustainability (Your proposal is sustainable from financial, technical or other viewpoints?)	Once upgraded system with improved measuring devices could be used for next 20-25 years and hence the sustainability can be ensured.																														
4	Implementation Agenda	<table border="1"> <thead> <tr> <th>Items in procedures/processes</th> <th>2007</th> <th>2008</th> <th>2009</th> <th>2010</th> </tr> </thead> <tbody> <tr> <td>Review the Existing Situation</td> <td>XX</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Design the System</td> <td></td> <td>XX</td> <td></td> <td></td> </tr> <tr> <td>Farmer/Staff Awareness.</td> <td></td> <td>XX</td> <td></td> <td></td> </tr> <tr> <td>Implementation</td> <td></td> <td></td> <td></td> <td>XX</td> </tr> <tr> <td>Monitoring</td> <td>XX</td> <td>X</td> <td>X</td> <td>XX</td> </tr> </tbody> </table>	Items in procedures/processes	2007	2008	2009	2010	Review the Existing Situation	XX				Design the System		XX			Farmer/Staff Awareness.		XX			Implementation				XX	Monitoring	XX	X	X	XX
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		Farmer/Staff Awareness.		XX																												
		Implementation				XX																										
Monitoring	XX	X	X	XX																												
5	Difficulty in Implementation of your proposal	No such Difficulty is seen.																														
6	Other Related Organizations	Government Factory/Private Contractors.																														

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Revised Discussion Material 2-Issue 2 -Proposal 2

1	The issue you selected	Need of Filling the Gaps in Current Water Management Practices/Approaches by providing Technical & Other Support				
	Proposal	To introduce Bulk Water Allocation Concept, to motivate farmers to save more water from the allocation, and to introduce some incentive scheme for such Water Users.				
2	How to realize the above proposal? (Procedures/Processes for your proposal)	Bulk water allocation concept will be introduced with thorough awareness to farmers and Introduce workable incentive or promotion program to encourage farmers. <i>Bulk Water Allocation Concept: Is, each Distributory Canal Farmer Organization (DCFO) is given an estimated quantity of irrigation water for a particular season and asked them to share and manage the whole process. Then they will preciously manage the given quantity and save some amount . They are the key decision makers in the whole process. This is different from traditional agency controlled water distribution among farmers.</i>				
	Evaluation (1) from the viewpoint of effectiveness (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.				
3	Evaluation (2) from the viewpoint of feasibility (For example, from the viewpoint of finance, organizational capacity, or consensus building)	Once Farmers get thorough Awareness it ensure the Feasibility. Similarly no much of finance is involved. Organization is having the capacity to manage this task successfully. Hence Feasibility is further ensured.				
	Evaluation (3) from the viewpoint of sustainability (Your proposal is sustainable from financial, technical or other viewpoints?)	Once majority of the farmers aware this system is having lot of advantages for their prevailing system ,feasibility is ensured.				
4	Implementation Agenda	Items in procedures/proces	2007	2008	2009	2010
		Farmer Awareness	XX	XX	XX	
		Planing		XX		
		execution		XX		XX
		monitoring	XX	XX	XX	XX
5	Difficulty in Implementation of your proposal	Farmer community may be reluctant to change from their traditional activities				
6	Other Related Organizations	Dept of Irrigation				

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Revised Discussion Material 2-Issue 2 -Proposal 3

1	The issue you selected	Need of Filling the Gaps in Current Water Management Practices/Approaches by providing Technical & Other Support				
2	Proposal	To implement already developed O&M policies for the different level of Irrigation Systems (IMT and PIM) To convince Authorities, the importance of Allocating adequate O&M Funds , since the maintaining keeping sustainability of these national assets which have been developed from the huge capital investments, is a Government's responsibility				
	How to realize the above proposal? (Procedures/Processes for your proposal)	Aware farmers and convince relevant authorities/ officials the importance of this need for long life of expensive systems developed with huge capital investments.				
3	Evaluation (1) from the viewpoint of effectiveness (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. Hence their living standards getting better.				
	Evaluation (2) from the viewpoint of feasibility (For example, from the viewpoint of finance, organizational capacity, or consensus building)	Currently Main System is managed by the Government (MASL & ID) and Tertiary System is managed by Farmers themselves with their funds. With increased O&M Funds from the Finance Ministry this would be feasible. Commitment of farmers and the Government on O&M of different levels will ensure the feasibility.				
	Evaluation (3) from the viewpoint of sustainability (Your proposal is sustainable from financial, technical or other viewpoints?)	Sustainability is ensured because farmers are directly involved with the process.				
4	Implementation Agenda	Items in procedures/processes	2007	2008	2009	2010
		Review the Current Situation	XX			
		Develop O&M Policy for National Level & the Secondary Level.		XX		
		Implementation		XX	XX	
		Monitoring	XX	XX	XX	XX

5	Difficulty in Implementation of your proposal	No
6	Other Related Organizations	Ministry of Finance . Ministry of National Planning, Irrigation Department, Agrarian Services Department, Farmer Organizations.