

SHARED CONTROL OF NATURAL RESOURCES (SCOR)

WORK PLAN FOR PHASE II

Part I

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SCOR Project
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SHARED CONTROL OF NATURAL RESOURCES(SCOR) PROJECT

WORK PLAN FOR PHASE II

PART I

Shared Control of Natural Resources Project continued operations into phase II with the approval granted after the mid term evaluation of the project by the Donor agency. The work Plan for phase II is presented in two parts. Part I of SCOR Work Plan for Phase II presents, in summary, **the planned output at the end of the 6 year project period till end of October 1999 as they appear in the original proposal accepted by the first cooperative agreement**, the achievements as at end of phase I, the remaining anticipated output in Phase II up to end of September 1998, new features in Phase II and a typical sub-watershed action plan indicating the content and integration in the 32 sub-watershed action plans prepared in details with staff members daily, monthly and annual individual work plans.

The work plan for phase II was prepared for the balance four year period up to end of October 1999 as envisaged in the original SCOR plan responding to the widely accepted need for a period adequate to develop and test methodologies for resources management in watershed context. USAID, however, requested at the National Steering Committee that the work plan for phase II should be for the period up to end of September, 1998. Responding to this request targets set for the period up to end of september 1998 are presented in the summary. The detailed work plan comprises activities covering the original project period including the year 1999. We strongly recommend that provisions be made to make the full project period available to produce the output originally thought by this collaborative effort.

In extracting a three year plan from the four year program, few revisions had to made in setting the physical targets. In respect to the targeted extent where production and protection techniques are to be practised and the number of farm households involved, the targets set in the work plan exceeds the targets appeared in the technical proposal. The number of user groups have been reduced based on SCOR experience of user groups operating as informal groups while forming stronger organizations. Hence the increased target for user organizations. The training opportunities for user groups will accordingly are less. Training opportunities for individual users who would operate individually until they become members of groups and organizations, however, will increase.

It is noted that SCOR has not dropped any theme or interventions adopted during the first phase. Instead, new interventions such as aquaculture in small tanks have been integrated in to sub-watershed plans. SCOR phase II envisages new and strong linkages with government and non-government agency programs in watershed resource management.

Annex 1 presents the physical targets set for the life of project, the achievements as at end of phase I, and the targets set for the remaining period. The detailed work plans for the two watersheds designed to achieve the targets appear in part II.

Annex 2 presents the financial plan of SCOR with the financial targets set for the life of project, achievements as at end of first phase, and the targets set for the remaining period.

SCOR mode of operation has three main features as follows:

- (1) Catalysing process by SCOR staff combining technology, organization, resources and policy support,
- (2) Work coordinated and accomplished by task forces involving resources users, government officials, members of non-governmental agencies and private sector, and
- (3) Research for generating and documenting knowledge of interventions, their effects and impact on the anticipated change in natural resource management.

This mode of operation involves mobilizing human effort through collaborative interventions that overlap in many instances over space. Sub-watersheds that vary in size, level of resource degradation, and complexity of problems with inter sub-watershed linkages based on up-stream down-stream relationships and opportunities of resource use are the work space of the individuals who operate collectively. This collective input involves SCOR staff time, travelling, training and information flow cutting across sub-watershed boundaries. The institutional organizers work in more than one sub-watershed spreading their inputs responding to the emerging needs.

The nature of the operations described above makes an effort to desegregate the budget by sub-watersheds not of much use. Instead, SCOR will present a detailed cost benefit analysis of the SCOR process in selected typical sub-watersheds as part of its planned research output to provide information more objectively based on evaluation of actual costs incurred and benefits accrued in typical sub-watersheds.

There will be two ways to consolidate the early successes in the two pilot watersheds.

- (a) Monitoring and evaluation of the adoption and spread of the early successes in the two pilot watersheds during the second phase.
- (b) Information dissemination on the successful elements of the initiatives for spread effects through information systems designed for different levels as part of the promised SCOR output. This activity will include information display systems, manuals, research papers, and different other materials using appropriate media of communication.

The summary physical targets in Annex 1 indicates these efforts in output terms under (a) to (d) under qualitative assessments.

SCOR is a learning process that involves the active participation and collaboration of government agencies and NGOs as clearly indicated in its mode of operation. This creates opportunity for the government agencies to effectively involve themselves in the learning process so that they can articulate future modes of operation for them to respond to increasing demands for services by the NGOs and resources users. SCOR involved an NGO in Nilwala Watershed during the first phase to take-up resources management in a sub-watershed. SCOR has already made arrangements to involve another NGO to take-up watershed resources management in several selected sub-watersheds in Huruluwewa watershed during the second phase. Replicable cost-effective models will be developed as the outcome of the effectiveness of the efforts of the government agencies and NGOs including farmer companies are observed and evaluated under the theme of integrated planning and coordination combined with research results of the key interventions for change of land use, land tenure etc.

SCOR emphasizes the need for flexibility in responding to the changing circumstances during the course of implementation. While strengthening the capacities of the relevant government agencies to respond to the needs emerging from the resources users, NGOs and private sector, SCOR will further test methodologies for managing the land and water resources in a watershed context through collaborative efforts. **Annex 3** presents the content of a typical sub-watershed work plan in a pilot watershed reflecting the activity mix and organization in 32 sub-watersheds in the two pilot watersheds for which detailed work plans are available.

TARGETS IN SUMMARY BY PROGRAM AND PROJECT LEVEL INDICATORS

STRATEGIC LEVEL INDICATOR	UNIT	TARGETS UPTO END OF OCTOBER 1999**	TARGETS UPTO END OF SEPTEMBER 1998			ACHIEVEMENT FIRST PHASE			TARGETS FOR 2ND PHASE JANUARY 1996- END SEPT. 1998			(1)-[(6)+(10)]
			Total	Huruwewa	Nilwala	Huruwewa	Nilwala	Total	Huruwewa	Nilwala	Total	
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(10)	
1. Targeted hectares under improved production and protection techniques. ¹	Hec.	30,000	20,000	12,000	8,000	8,256	1,787	10,043	7,985	6,983	14,968	(5,011)
2. Value of targeted investment by the resource users in environmentally sound production practices	\$Mn	3.0	2					1			1	
3. Government policy decisions initiated	No.	4.0	2					2			0	
PROGRAM OUTCOME LEVEL INDICATOR	UNIT	TARGETS UPTO END OF OCTOBER 1999**	TARGETS UPTO END OF SEPTEMBER 1998			ACHIEVEMENT FIRST PHASE			TARGETS FOR 2ND PHASE JANUARY 1996- END SEPT. 1998			(1)-[(6)+(10)]
			Total	Huruwewa	Nilwala	Huruwewa	Nilwala	Total	Huruwewa	Nilwala	Total	
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(10)	
1. Targeted land area covered by new agreements between GSL and user groups (Extent now under protection and production practices expecting user rights) ²	ha	5,000	3,500	2,100	1,400	334	33	367	954	700	1,654	1,480
2. Farm households using improved environmental techniques	#	25,000	15,000	9,000	6,000	6,783	2,716	9,499	6,548	3,284	9,832	(4,331)

1. Spread effects through the work of other organizations that had already shown interest and requested adoption of SCOR approach will increase the target to 50,000 ha.

2. In accordance with the National Steering Committee decision for demonstrating action for the required policy changes.

Note: Most of the area to be protected are already under private ownership.

B. Project Level Indicators:

PROJECT PURPOSE LEVEL INDICATOR	UNIT	TARGETS UPTO END OF OCTOBER 1999**	TARGETS UPTO END OF SEPTEMBER 1998			ACHIEVEMENT FIRST PHASE			TARGETS FOR 2ND PHASE JANUARY 1996- END SEPT. 1998			(1)-[(6)+(10)]
			Total	Huruwewa	Nilwala	Huruwewa	Nilwala	Total	Huruwewa	Nilwala	Total	
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(10)	
1. Number of natural resource user groups operating	#	750	*									
2. No. of policy/procedures, organizational changes enacted and adopted	#	4	3					2			1	

* User groups are informal changing their status merging in to organizations. Based on this experience, no targets are indicated. Instead increased number of organizations are indicated.

** Please refer to Technical Proposal (Page 44) included in the Co-operative agreement.

PROJECT OUTPUT TARGETS/PERFORMANCE	TARGETS	TARGETS UPTO END OF			ACHIEVEMENT			TARGETS FOR 2ND PHASE			(1)-[(6)+(10)]
	UPTO END OF	SEPTEMBER 1998			FIRST PHASE			JANUARY 1996- END SEPT. 1998			
	OCTOBER 1999**	Total	Hunuluwewa	Nilwala	Hunuluwewa	Nilwala	Total	Hunuluwewa	Nilwala	Total	
1. User groups, organizations, sub user councils and councils organized/assisted to take joint responsibility for management of land and water resources											
User groups	750	*									
Organizations	75	50	30	20	44	28	72	13	14	27	(49)
Sub councils	8-10	8			-	-	0	5	3	8	
Councils	2-4	3			-	-	0	1	2	3	
2. Number of new commercial activities supported by linking to markets	200	125	75	50	23	24	47	47	31	78	
3. No. of small grants made to land & water user groups and invested into common user group assests (directly by SCOR or through organizations/councils/companies)	500	450	270	180	44	49	93	47	31	78	279
4. Land leasing/usufruct agreements issued for establishment and functioning of											
(a) production companies	5-10	5					0	3	2	5	
(b) commercial activities	150	100	60	40			0	60	40	100	
5. Training opportunities ³ provided to representatives of user organizations, NGOs & other private sector organizations in participatory natural resources management											
Representatives of user groups	30000	20,000	12,000	8,000	1,447	4,825	6,272	3,949	280	4,229	9,499
Representatives of Organizations	500	450	270	180	3,493	962	4,455	1,701	247	1,948	(5,953)
Representatives of user sub councils/councils	50	40	24	16	-	-	0	24	16	40	
Training abroad in watershed Mgt. for selected user organizaiton representatives	40	25	15	10	-	-	0	15	10	25	
6. Number of officials trained in local level planning,user group formation, suport and collaboration	80	65	39	26	117	280	397	-	-	-	(332)
7. Short study tours abroad offered to officials											
National level	4	4	2	2	-	-	0	2	2	4	
Provincial level	8	7	5	2	1	3	4	3	-	3	
Divisional level	30	20	12	8	9	7	16	3	1	4	
8. Number of user organizations conferred with legal status and powers ⁴	75	50	30	20	29	6	35	13	14	27	(12)
9. Number of NGOs and private sector agencies providing technical, managerial and commercial information to user groups	20	15	9	6	11	9	20	-	3	3	(8)
10. Research Studies completed on natural resources issues ⁵	30	25					5			20	

3 Usually trainees will get multiple opportunities. Hence the number of trainees will be less than the number of opportunities.

4 Most of user groups will remain as "informal". Groups will be federated to form organizations (councils and companies) and these organizations (councils & companies) will be conferred with legal status & powers.

5 for examples of research outputs are listed under 5.2

QUALITATIVE ASSESSMENTS

(a) Improved methodologies and tools developed and applied for multilevel planning and co-ordination in pilot watersheds.

(b) Groups/organizations support and promote planning and co-ordination in pilot watersheds.

(c) An improved land and water resources information and monitoring system designed.

(d) Institutional mechanism to co-ordinate and support land and water management practices made operational at provincial and national levels.

Project Title: Shared Control of Natural Resources Phase II

Annex 2

Tentative Cost Estimate

Funding Source: USAID & IIMI

Total Grant Requested from USAID

US \$ Component: \$ 6,433,811

Sri Lanka Rupee Component: Rs. 24,140,000

Termination Date - 31st Oct. 1999

Description	Phase I Budget	P H A S E I			Balance Savings Phase I Budget *	P H A S E II																		Total Budget as per Cost Proposal Submitted to USAID 27.05.93 - 31.10.99		
		Estimated cost as at 31.10.95				YEAR 1 1/11/95 to 31/10/96			YEAR 2 1/11/96 to 31/10/97			YEAR 3 1/11/97 to 30/09/98			TOTAL FOR 3 YEARS		YEAR 4 1/10/98 to 31/10/99			TOTAL						
		USAID	IIMI	TOTAL		USAID	IIMI	TOTAL	USAID	IIMI	TOTAL	USAID	IIMI	TOTAL	USAID	IIMI	TOTAL	USAID	IIMI	TOTAL						
1. Salaries Benefits & Allowances				839,000			533,310			621,031			599,394					244,530			2,018,265			2,857,265		
- International	257,000	257,000			0	92,000	20,000		96,800	20,000		101,600	20,000		290,400	60,000	7,400	40,000		297,800	100,000		554,800	100,000		
- Local	639,163	582,000			57,163	441,310			504,231			477,794			1,423,335	0	197,130			1,620,465			2,202,465	0		
2. Consultants				71,300			67,325			67,325			59,730					5,760					200,140		271,440	
- International	27,060	18,000			9,060	21,800			21,800			18,000			61,600	0	0			61,600			79,600	0		
- Local	61,720	53,300			8,420	45,525			45,525			41,730			132,780	0	5,760			138,540			191,840	0		
3. Travel				49,500			37,460			37,460			34,325					25,145					134,390		183,890	
- International	26,820	10,500			16,320	14,250			14,250			13,050			41,550	0	0			41,550			52,050	0		
- Local	48,600	39,000			9,600	23,210			23,210			21,275			67,695	0	25,145			92,840			131,840	0		
4. Workshops, Training and Institutional Development				81,000			104,948			104,948			96,202					113,695					419,793		500,793	
- International	31,296	27,000			4,296	36,000			36,000			33,000			105,000	0	39,000			144,000			171,000	0		
- Local	80,150	54,000			26,150	68,948			68,948			63,202			201,098	0	74,695			275,793			329,793	0		
5. Other Direct Costs				217,000			131,297			142,767			129,584					85,719					489,367		706,367	
- Vehicle operations & maintenance	92,347	78,000			14,347	90,077			101,547			91,799			283,423	0	41,064			324,487			402,487	0		
- Office/Research supplies & services	148,000	139,000			9,000	41,220			41,220			37,785			120,225	0	44,655			164,880			303,880	0		
6. Information & Dissemination	29,178	6,500		6,500	22,678		24,000	24,000		25,000	25,000		25,000	25,000	0	74,000		42,000	42,000		116,000	116,000	6,500	116,000	122,500	
7. Audit fees	6,015	4,207		4,207	1,808	3,000		3,000	3,000		3,000	3,000		3,000	9,000	0	3,000		3,000		12,000	12,000	16,207	0	16,207	
Sub Total	1,447,349	1,268,507		1,268,507	178,842	877,340	44,000	921,340	956,531	45,000	1,001,531	902,235	45,000	947,235	2,736,106	134,000	437,849	82,000	519,849	3,173,955	216,000	3,389,955	4,442,462	216,000	4,658,462	
8. Indirect cost/overheads (31%)	463,152	405,922		405,922	57,229	271,975		271,975	296,525		296,525	279,693		279,693	848,194		135,733		135,733	983,927		983,927	1,389,849		1,389,849	
9.a Sub Grants/ Sub contracts				85,500				50,000			50,000			40,000	0	0			60,000			200,000			285,500	
Contract Research Grants	100,000	85,500			14,500	15,000	35,000		15,000	35,000		10,000	30,000		40,000	100,000	15,000	45,000		55,000	145,000		140,500	145,000		
10. Equipment	381,500	381,500		381,500		33,500	55,000	88,500	46,000		46,000				79,500	55,000				79,500	55,000	134,500	461,000	55,000	516,000	
Total (in US\$)	2,392,001	2,141,429		2,141,429	250,571	1,197,815	134,000	1,331,815	1,314,056	80,000	1,394,056	1,191,928	75,000	1,266,928	3,703,800	289,000	588,582	127,000	715,582	4,292,382	416,000	4,708,382	6,433,811	416,000	6,849,811	
PL 480 Rupee Component																										
9.b Sub Grants/ Sub contracts																										
NGO Grants	1,024,680	1,024,680		1,024,680	0	961,560		961,560			961,560			2,884,679	0	480,780			3,365,460			3,365,460	4,390,140	0	4,390,140	
User Grants	5,855,320	5,855,320		5,855,320	0	3,605,849		3,605,849			3,750,083			10,961,782	0	2,932,757			13,894,540			13,894,540	19,749,860	0	19,749,860	
Total (in Rs.)	6,880,000	6,880,000		6,880,000	0	4,567,409		4,567,409			4,711,643			13,846,461	0	3,413,537			17,260,000			17,260,000	24,140,000	0	24,140,000	

- This includes 70% of time of SCOR Project Leader for the first three year and 30% for the first year. Short-term inputs of other IIMI Int'l staff is allocated at 0.1 person years per year for the first 3 years.
- IIMI staff will be gradually phased out in the year 4.
- From year 2 onwards, 5% and 10% annual increments, respectively for international and national staff salaries and benefits have been considered.
- Indirect cost has been charged for Expenditure Category 1-7 is only USAID expenditure.
- It is assumed that the average indirect cost/overheads rate is 31% for Phase II. If it exceeds 31% the other budget line items will be reduced accordingly.

Note : 1. Rates as well as the procedures followed in computation are same as the current co-operative agreement.

* US \$ 250,571 unspent from Phase I budget was carried over to Phase II budget.

TASAKS AND RESPONSIBILITIES BY SUB AREAS KOKAWEWA SUB-WATERSHED DETAILED ACTION PLAN								
Sub-area	Tasks / sub-tasks	Responsibility SCOR Team	Others	Targets Total	Unit	1996	1997	1998
1. Paddy under Minor Irrigation	<p>1. Prepare Annual Cultivation Plan / Resource Management Action Plan</p> <ol style="list-style-type: none"> 1. Obtain farmers views on production and practices 2. Collect information on water availability, Cultivation and marketing for pre-planning 3. Help making information available to all stakeholders 4. Facilitate target setting at Sub-Watershed Resource Management Committee 5. Promote target review and acceptance at Project Management Committee 6. Facilitate discussion on targets and inputs at AMA Committee 7. Ensure preparation of the final plan for Timely Cultivation 8. Facilitate agreement on planned targets for the sub-area at WRMT 9. Arrange for awareness creation among Task Force members on plan for Timely Cultivation <p>2. Using information, assist farmers to prepare for timely cultivation</p> <ol style="list-style-type: none"> 1. Mobilize for conducting pre-seasonal meeting with relevant information 2. Mobilize arrangements for Irrigation maintenance 3. Mobilize arrangements for conducting Seasonal Meeting 4. Mobilize for arranging farm inputs including water use and use of organic matter 5. Planning for monitoring <p>3. Mobilizing for implementation</p> <ol style="list-style-type: none"> 1. Ensure cultivation with first rain 2. Ensure mulch farming 3. Promote crop diversification Permanent crops (perennials) Other crops during dry season 4. Ensure frequent monitoring and corrective action where necessary <p>4. Support for organization of markets and enterprises</p> <ol style="list-style-type: none"> 1. Assess production potential of the Sub-watershed 2. Explore market potential and links with possible forward contracts 3. Work out cashflows of existing crops or crop combinations 4. Workout cashflows for crops or crop combinations with the suggested Technology, organization and resources 5. Workout arrangements for storage 6. Workout arrangements for post harvest processing Provide market links and coordination Arrange for value adding processing 							

Sub-area	Tasks / sub-tasks	Responsibility SCOR Team	Others	Targets Total	Unit	1996	1997	1998
	7. Determine jointly with stakeholders the form and structure of production marketing organization / production company 8. Support stakeholders to form production processing and marketing organization 9. Support stakeholders to plan production, processing and marketing 10. Support stakeholders to implement production, processing and marketing plan. 11. Provide guidance to stakeholders to monitor and take corrective action where necessary							
	5. Mobilize for practicing Integrated Pest Management (Subsidiary crops) 1. Jointly select tracts for practice 2. Help create awareness among partners on related practices, costs and benefits 3. Help introduction of cropping pattern 4. Mobilize for setting-up and maintaining nurseries 5. Ensure timely land preparation 6. Ensure timely crop establishment 7. Ensure timely identification of pests and timely control 8. Ensure timely crop maintenance 6. Monitoring 1. Data collection (bi-annual) 2. Data processing and analysis 3. Evaluation and presentation of results							
2. Chena Direct model testing areas	1. Mobilize adoption of models for stabilized farming systems 1. Help introduce required plant species to reduce fallow period -Jointly review the evolution of chena lands with users -Help create awareness of the relevant practices, costs and benefits among farmers and relevant officials -Assist selection of suitable plots -Ensure procurement of seeds -Ensure sowing seeds after harvesting crops on land 2. Mobilize for introduction of tree species of timber value, and animal husbandary 1. Help create awareness of the relevant practices, costs and benefits among farmers and relevant officials 2. Link and coordinate with Dept. of Forest conservation 3. Assist selection of suitable plots 4. Ensure procurement of seeds and plants 5. Mobilize for timely plant establishment 6. Ensure user rights of crops/trees 7. Help select suitable animal species 8. Help mobilize financial resources 9. Ensure procurement of animals 10. Ensure insurance of animals wherever applicable 11. Implement and monitor livestock program 12. Help arrange for marketing							

Sub-area	Tasks / sub-tasks	Responsibility SCOR Team	Others	Targets Total	Unit	1996	1997	1998
	3. Mobilize for introduction of cash crops using ground water <ol style="list-style-type: none"> 1. Help identifying ground water table and potential 2. Help create awareness of ground water use, practices, costs and benefits among farmers 3. Help select suitable plots 4. Help determine suitable cropping pattern 5. Ensure mobilizing financial resources 6. Ensure procurement of seeds/plants 7. Mobilize for timely planting of crops 8. Ensure maintenance of crop 9. Ensure coordination for marketing 10. Ensure user rights of crops 4. Monitoring and Evaluation <ol style="list-style-type: none"> 1. Data collection (bi-annual) 2. Data processing and analysis 3. Evaluation and presentation of results 							
Other Chena Lands	5. Mobilize for wider adoption of successful models <ol style="list-style-type: none"> 1. Help make information on successful models available with farmers 2. Facilitate communication on costs and benefits of successful practices 3. Encourage farmers for the adoption of successful practices 1. Mobilize for conservation and other practices <ol style="list-style-type: none"> 1. Help create awareness of practices, costs and benefits among farmers 2. Help arrange field visits 3. Help select suitable plots and farmers for adoption 4. Mobilize for marking conservation bunds/ hedge rows 5. Ensure establishment of bunds and drains 6. Ensure bund stabilization 7. Make information available on alley cropping for adoption 8. Help establish plant nurseries 9. Ensure procurement of seeds and plants 10. Make information available on intensive for adoption 11. Form user groups where necessary to collectively adopt practices, monitor and learn from them 12. Strengthen existing groups to collectively adopt practices, monitor and learn from them 13. Ensure making arrangements to institutionalize user groups for sustainability 14. Ensure coordination for marketing 15. Ensure monitoring and Evaluation 							

Sub-area	Tasks / sub-tasks	Responsibility SCOR Team	Others	Targets Total	Unit	1996	1997	1998
3. Forests	1. Mobilize for protecting existing forests <ol style="list-style-type: none"> 1. Help create awareness on practices, costs, and benefits 2. Help select plots/land areas 3. Mobilize to form forest protection committees 4. Ensure legal rights and protection 2. Promote reforestation <ol style="list-style-type: none"> 1. Establish links and coordination with Dept. of Forest Conservation at national Level at Provincial/District Level at Divisional Level 2. Help farmers to be aware of practices, costs, and benefits 3. Help farmers to get organized to undertake practices 4. Help select suitable plots and farmers for adoption 5. Ensure continuation of practices 							
4. Home-steads	1. Mobilize for Planning Homestead Development <ol style="list-style-type: none"> 1. Help create awareness on the need and benefits of Homestead Development among farmers and members of task force 2. Help making relevant information available 							
	2. Mobilize for adoption of soil and water Conservation methods <ol style="list-style-type: none"> 1. Help create awareness of practices, costs and benefits 2. Ensure marking of conservation bunds 3. Ensure establishment of bunds and bund stabilization 4. Ensure maintenance of existing bunds 5. Ensure live fencing practice 6. Mobilize for establishment of plant nurseries 3. Help introduce suitable cash crops and perennials 4. Support women's role and contribution in Homestead Development <ol style="list-style-type: none"> 1. Help produce model homesteads for improving family nutrition 2. Help promote Compost preparation / use 3. Help promote savings among farm households 4. Help promote better planned kitchen and use of efficient fuel wood stoves 5. Help promote agro-based self employment 6. Help promote improved sanitation 7. Help promote animal husbandary 8. Help improve existing livestock 9. Help introduce cows of improved breeds 10. Help promote intensive water harvesting / conservation practices 							

Sub-area	Tasks / sub-tasks	Responsibility SCOR Team	Others	Targets Total	Unit	1996	1997	1998
5. Water bodies	5. Support for organization of markets and enterprises 6. Monitoring 1. Data collection (bi-annual) 2. Data processing and analysis 3. Evaluation and presentation of results							
	1. Promote aquatic resources development 1. Help collect information and planning 2. Help create awareness of practices, costs and benefits among resources users and relevant officials 3. Help select locations Tanks Ponds 4. Coordinate among Fisheries Societies 5. Procurement of fingerlings 6. Ensure maintenance 7. Support harvesting / processing 8. Support marketing 9. Monitoring and Evaluation 10. Mobilize for the next season 2. Mobilize to regenerate Tank Ecosystems 1. Help create awareness of practices, costs and benefits among relevant officials resources users, political leaders 2. Help demarcate reservations 3. Help survey of trees/plant species in reservations 4. Help obtain plants 5. Encourage farmers for planting trees in reservations 6. Help identify practices to ensure maintainance 7. Coordinate other relevant agencies							
6. Streame reservations	1. Mobilize to protect streame banks 1. Identify streame reservations 2. Help create awareness of practices, costs and benefits among relevant officials. resources users, 3. Help determine suitable cropping patterns 4. Ensure procurement of plants 5. Ensure planting 6. Ensure user rights 7. Monitoring 8. Evaluation							

Sub-area	Tasks / sub-tasks	Responsibility SCOR Team	Others	Targets Total	Unit	1996	1997	1998
Sub-water-shed as a whole	1. Institutional Development 1. Form user groups/organizations 2. Strengthen existing organizations 3. Help create groups on multiple needs 4. Identify training needs 5. Plan and implement training programmes 6. Help establish vertical and horizontal links among groups/organizations and promote networking 7. Help improve record keeping, maintaining relevant documents/reports and financial management 8. Help improve self assessment and resources management capabilities 9. Help organizations to obtain legal recognition 2. Help marketing of agricultural products 1. Help identify marketing problems and potentials 2. Identify existing marketing organizations in the area 3. Assess marketing capacity of organizations in the area 4. Help provision of market information and resources to organizations 5. Help survey production potential and marketing opportunities 3. Mobilize for establishing divisional purchasing centres 1. Identify suitable locations/centres 2. Help strengthen capacities and skills of participating members/individuals 3. Link Farmers Centre as centre for purchase and sale of produce of farmers 4. Mobilize for obtaining required resources 4. Mobilize for establishment of Farmer Companies 1. Help create awareness of practices, costs and benefits among potential participants 2. Mobilize farmer organizations for acceptance and help determine objectives 3. Help identify shareholders 4. Prepare Memorandum of Articles and Association (MOA) 5. Obtain approval of share holders for the MOA 6. Ensure registration under Company Act 7. Support commencement of activities							

Sub-area	Tasks / sub-tasks	Responsibility		Targets		Unit	1996	1997	1998
		SCOR Team	Others	Total					
	<p>5. Mobilize for establishment of agro-based industries</p> <ol style="list-style-type: none"> 1. Identify physical and human resources in relation to the production of the area 2. Explore for oppoertunities to establish agro-based industries 3. Identify possible problems in establishing industries and articulate solutions 4. Explore markets and possible forward linkages (forward contracts) 5. Make market, production and processing information available with the potential partners for decision making 6. Help determine the suitable form of organization for the venture 7. Help prepare feasibility reports 8. Help prepare project proposal for approval 9. Help form organization 10. Help mobilize required technology 11. Mobilize other resources for the ventre 12. Link banks and other relevant agencies with identified industries 13. Ensure quality control 14. Monitoring and Evaluation <p>6. Mobilize for Integrated Planning</p> <ol style="list-style-type: none"> 1. Ensure documentation of all major events in planning and implementing process 2. Ensure availability of information in suitable forms with stakeholders at all relevant levels 3. Ensure sharing of information generated in planning, mapping, monitoring studies and research in SCOR process among partners including users, sub-WRMT, WRMT and task force members 4. Ensure inflow of information from outside of sub-watershed and the use of them with local information within sub-watershed 5. Ensure linking sub-watershed information with Information Systems of the Divisional Secretariat, Provincial Steering Committee and other relevant agencies 6. Ensure updating of relevant information making opportunities for planning visible and offering competitive opportunities to link with government or private sector programmes 7. Ensure representation of new needs and areas of overlapping interests and benefits in resource management process of the sub-watershed at relevant planning levels 8. Ensure information visible on mutual benefits of integration among potential partners 								

SCOR NILWALA PHASE II

Establishment of user rights for limited use of natural resources	1284 ha.
Enrichment planting of reserved forest, stream reservation and road reservation	1694 ha.
Introduction of Agro-Forestry	512 ha.
Establishment of plant nurseries	119 units
Productivity improvement (major plantation crops)	1728 ha.
Homesteads	776 ha.
Paddy Lands	657 ha.
Seed paddy farm	40 ha.
Solve minor irrigation problems	300 ha.
Ownership problems in paddy lands	115 ha.

POLICY INTERVENTIONS

- a) Registration of Farmer Organizations
- b) Resource Assessment by the Forest Department
- c) Granting body corporate status to tea small holder societies
- d) Granting of usufructuary rights
- e) Provincial councils supporting Micro-Hydro projects
- f) Farmer pension scheme (AIB)

MAJOR INTERVENTIONS IN NILWALA WATERSHED ECO-SYSTEM

1. Protection of Forests, streams, river banks and road reservations.
2. Improvement of land cover on highlands
3. Improvement of Homesteads and lowlands
4. Promotion of collective bargaining
5. Promotion of integrated development, planning, coordination sharing resources.

SHARED MANAGEMENT OF NATURAL RESOURCES

- a) Micro-Hydro power generation
- b) Forestry and agro-forestry
 - Granting of user rights
 - Registration of nurseries
- c) Enrichment planting by a
NGO in a denuded hill forest
- d) Stream and road reservation planting
- e) Pinus resin tapping
- f) Improvement of the tea sector
 - Soil conservation
 - In-filling
 - Canopy cover maintenance
- g) Paddy sector
- h) Homesteads