

**NEPAL: PILOT PROGRAM FOR CLIMATE RESILIENCE (PPCR)  
WORLD BANK / ADB / IFC JOINT PROGRAMMING MISSION  
9 – 18 FEBRUARY 2011  
Final Aide Memoire**

## **I. INTRODUCTION**

1. A joint Asian Development Bank (ADB), International Finance Corporation (IFC), and World Bank<sup>1</sup> team fielded a mission to Nepal from February 9 - 18, 2011 for the Pilot Program for Climate Resilience (PPCR). Mission members from ADB included Cindy Malvicini (Senior Water Resources Management Specialist, co - Team Leader), Anil Pokhrel (Climate Change Adviser), Melissa Alipalo (Development Communication Specialist), and Pieter Smidt (Water Resources Specialist); from the IFC, Anupa Aryal Pant (Operations Analyst, co-Team Leader), Rajeev Gopal (Resident Representative), Mrinal Kanti Sircar (Programs Manager), Matthew Willis (Consultant), Gouri Sankar Gollapudi (Microfinance Specialist), Subrata Dutta Gupta (Sr. Housing Finance Specialist), Mohini Bhatia (Operations Officer), Sabin Raj Shrestha (Sr. Financial Sector Specialist); and from the World Bank, Claudia Sadoff (Lead Economist, co-Team Leader), Stephanie Borsboom (Operations Officer), Muthukumara S. Mani (Sr. Environmental Economist), Saurabh Suresh Dani (Disaster Risk Management Specialist), and Drona Ghimire (Environment Specialist). Mr. Ram Chandra Khanal, SPCR TA Consultant was also part of the mission team.

2. The main objective of the mission was to build on the achievements of the November 2010 mission (see November mission Aide Memoire) and work with the Government to finalize the SPCR proposal, ensuring it contains all required elements and is responsive to PPCR funding criteria and guidelines. The expected result was to have the final draft SPCR proposal ready for formal Government approval and subsequent submission to the PPCR Sub-Committee. The Ministry of Environment (MoE) was the nodal agency for the mission and led mission arrangements, including meetings with relevant government officials and stakeholders, including development partners, civil society organizations (CSOs), and private sector representatives. This Aide Memoire summarizes the mission's findings and agreements made with the Government and will be subject to the approval of higher authorities within the Government and the MDBs. The Government agreed to confirm the aide memoire by 17 March 2011.

## **II. BACKGROUND**

3. The Government of Nepal accepted the offer to participate in the PPCR on 13 May 2009. In March 2010 Nepal received a \$225,000 grant to provide technical assistance (TA) to prepare its SPCR. ADB, IFC, and the World Bank fielded the first Joint Programming Mission from 3 to 9 September 2009. During this first joint programming mission initial consultations were held with thematic working groups created under the National Adaptation Program of Action (NAPA) TA and other stakeholders on the possible scope of the SPCR. A second joint mission was held 15-21 November 2010 to start preparation of the SPCR proposal. Joint MDB follow-up consultations with the Government and other stakeholders were also held on 23-26 November 2009, 1-4 February 2010, 5-14 July 2010, and 5-7 October 2010.

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<sup>1</sup> Hereafter collectively called the multilateral development banks (MDBs).

4. The SPCR TA team of consultants was competitively recruited and consists of one international consultant (climate adaptation specialist/team leader) and three national consultants, (i) a project design facilitator/deputy team leader, (ii) a natural resources management specialist, and (iii) an infrastructure/water/energy specialist. The national team was fielded in May 2010 and the international team leader was fielded in June 2010. They are tasked to prepare the SPCR preparatory document according to the Government's expectations taking into consideration the requirements of, and guidelines issued by the SPCR Sub-Committee. In addition, a private sector consultant was recruited in September 2010 to work alongside the SPCR team with a focus on private sector engagement.

5. An SPCR TA inception workshop was held on 6 July 2010, and SPCR Steering Committee meetings were held on 16 July and 7 October 2010. A Policy Advisory Committee chaired by the National Planning Commission (NPC) was formed and its first meeting was held on 21 September 2010. Additionally, the Federation of Nepalese Chambers of Commerce and Industry (FNCCI) formed a Private Sector Working Group upon advice of MoE to explore possibilities for the engagement of the IFC in SPCR activities in Nepal.

6. After conducting a literature review, extensive consultations with the NAPA/PPCR thematic working groups and selected communities, a risk assessment, and an adaptive capacity assessment (on sectoral, district and community levels), the consulting team made specific proposals for the broad areas of SPCR interventions during consultations that were held from October 5-7, 2010. These were agreed to by MoE and the MDBs. The consulting team then prepared 4 project/component concept notes to serve as basis for this (November 15 – 21, 2010) joint mission.

7. During the 15-21 November 2010 joint mission an initial draft SPCR document with (i) draft background and rationale, (ii) broad institutional arrangements for the program, and (iii) initial draft concept notes for four components was agreed. At the wrap-up meeting, the Government confirmed interest to pursue a fifth component for protection of climate-endangered species. The five components were documented in a mission Aide Memoire that was confirmed by the Government of Nepal on 8 December 2010.

8. In preparation for the joint mission, MoE and the joint mission team prepared and circulated a draft SPCR document that served as basis for this joint mission.

### **III. SUMMARY OF MISSION CONSULTATIONS**

9. As indicated above, broad concept notes were developed during the November 2010 joint mission. These notes were further refined by specialists from the MDBs in preparation for consultations during this mission. MoE invited a wide range of stakeholders (Government officials, development partners, civil society, academe, and private sector) to participate in mission activities. Consultation workshops were held for each of the five proposed SPCR components and were open to all. (See mission program in Annex 1.) The summary of the main consultations follows, and the list of people who attended each meeting is in Annex 2. Individual meetings with lead agencies for each component were also held.

10. **Kick-off Meeting.** The kick-off consisted of remarks by the Honorable Member, NPC, heads of agencies from ADB, World Bank, and IFC, and Secretary, MoE. The Secretary of Ministry of Environment, Dr. Ganesh Raj Joshi, chaired the meeting and Mr. Purushottam Ghimire, Joint Secretary and PPCR National Programme Director (NPD) highlighted the milestones of the PPCR process in Nepal and outlined a synopsis of all five components of the

SPCR. Several queries were raised by the participants on SPCR process and components and Mr. Ghimire advised them to raise those specific issues during component discussions. ADB representative Mr. Paolo Spantigati highlighted the uniqueness of PPCR. He noted the broad participation of stakeholders and encouraged stakeholders to actively participate in mission consultations. Ms. Susan Goldmark, World Bank Country Director, emphasized the need to build scientific data regarding climate change and its impacts on vulnerable communities, the farmers and development infrastructure. IFC representative, Mr. Rajeev Gopal, highlighted the role of the private sector which is ready to acknowledge risks and cope with the challenges associated with climate change. Mr. Kush Kumar Joshi, the President of FNCCI, noted that the private sector is a real multiplier. Honorable Member Dr. Dinesh Chandra Devkota acknowledged the recent climate change initiatives by the Ministry including approval of the Climate Change Policy and the decision to establish a climate change centre. Nepal needs to graduate from being a least developed country. Opportunities should be generated for climate financing, mobilizing academia, and, Nepal's productive sectors should become climate resilient. He mentioned the challenges ahead in addressing climate change issues along with political stability, and economic and social transformation. He emphasized the immediate needs of the climate vulnerable communities, and stressed that agriculture should get high priority in the SPCR. Dr. Ganesh Raj Joshi thanked all participants for their invaluable remarks and requested that they contribute actively in the upcoming mission consultations.

**11. Consultation on Component I: Building Climate Resilience of Watersheds in Mountain Eco-Regions.** The component's outcome and outputs were discussed and agreed to, based on a problem tree analysis. There was a general agreement that the component will focus on the main problem of reduced access to and lower reliability of water resources for communities in watersheds that are significantly vulnerable to climate change. The outputs proposed to address this are (i) participatory watershed management planning to improve access to and reliability of water resources demonstrated and mainstreamed into the Government's programs; and (ii) watershed management interventions implemented to control erosion and minimize downstream sedimentation, enhance soil moisture and groundwater recharge, and enhance surface water conservation and storage. Workshop participants debated the outputs and activities and a consensus emerged that, in addition to what was proposed, enhancing productivity of water (for agricultural and other uses) had to be added as one of the outputs.

**12. Consultation on Component II: Building Resilience to Respond to Climate-Related Hazards.** During the consultations, the need to build resilience to climate induced disasters was clearly reconfirmed. The two-fold project design – strengthening weather/flood forecasting and early warning systems complemented by the creation of risk financing instruments (insurance) – was agreed as well. The participants suggested an emphasis in particular on real-time hydromet systems, headwaters monitoring (possibly by radar or remote sensing) and hazard mapping. Landslides were also identified as a priority risk that could be monitored under this component, in addition to floods and droughts. Finally, the participants urged the project team to pay special attention to issues related to sustainability (such as operations and maintenance requirements), involvement of DDCs/VDCs, and alignment with relevant ongoing activities.

**13. Consultation on Component III: Mainstreaming Climate Risk Management in Development.** It was agreed during the November 2010 joint mission that discussions on the SPCR TA component would start with a review of the ongoing and recently completed climate change TA. The National Project Directors of the various technical assistance projects being implemented by the Ministry of Environment (NAPA, Strengthening Capacity for Managing Climate Change and the Environment TA, and Support for a Climate Resilient 3-Year

Development Plan) presented an overview of accomplishments (to-date and planned). Participants were then asked to highlight areas of gaps where TA is still needed. These were categorized into five possible funding areas under the proposed TA: (i) knowledge generation and sharing; (ii) institutional strengthening; (iii) policy implementation review and recommendations and supplementary formulation; (iv) local development and community-based adaptation initiatives; and (v) application of knowledge in development planning process. On day 2 of the workshop, a second round of small group discussions and plenary produced a broad results framework for each category (outputs, activities, indicators and performance targets and resources required). Several principles emerged from the discussions and were agreed upon by stakeholders for informing the funding choices: (i) no creation of new institutions -- strengthen existing ones; (ii) prioritize local government levels for resources and implementation; and (iii) harmonize the various donor-supported initiatives to avoid overlap and redundancies identified during the consultations, particularly on the development of manuals and training at the district and village level that are being separately supported by ADB, DFID, GIZ, UNDP and FAO. MOE agreed to call together all relevant parties to harmonize community-based vulnerability assessment and adaptation planning tools before further design or implementation proceeds. Also reiterated by many stakeholders was the need for more technical, scientific, sectoral knowledge, especially in infrastructure design manuals. The prioritized activities for funding under the proposed TA are reflected in the SPCR Component 3 concept paper.

**14. Consultation on Component IV: Building Climate Resilient Communities through Private Sector Participation.** The need for collaboration between private and public sector to address climate change risks was reconfirmed during the consultation process. Stakeholders also stressed the need to look for complementarities with other public sector-led initiatives in this sector. There was also a general agreement to include in the agricultural sector: (i) high yielding seed together with stress tolerant varieties, (ii) water-efficient irrigation options, and (iii) access to finance at all levels of agricultural supply chain including farmers. In hydropower sector participants expressed their interest to invest on climate resilient technologies and pointed out the need for more information on different technology options. Stakeholders from the housing sector highlighted the absence of housing finance mechanisms catered to the low income segments. The general agreement was that the market still appears underdeveloped with significant constraints on availability of raw material and knowledge gap on various climate resilient housing designs. They suggested limiting the intervention within SPCR to a feasibility study.

**15. Consultation on Component V: Building Climate Resilience of Endangered Species.** The inclusion of component 5 was discussed at the end of the November mission. In the weeks prior to this mission, a draft concept note was prepared as the basis for this discussion. During the discussions the participants discussed the rationale and objective of this component. It was agreed that the project should focus on improving the climate resilience of critically endangered species by safeguarding their natural habitats at landscape level against climate threats. The participants subsequently proposed a set of different activities that would lead to this objective.

**16. Government Consultations with Civil Society on SPCR Financing.** The mission commended the Government of Nepal for actively engaging in substantive discussions with civil society, line Ministries and development partners regarding the financing arrangements of the PPCR. Prior to and during the mission, civil society organizations (CSOs) raised concerns over

whether the Government should accept credits<sup>2</sup>. Some organizations and individuals were strongly opposed to the principle of accepting credits to address climate change because Nepal has not been a significant contributor of greenhouse gases. Others felt that highly concessional financing for growth-oriented resilience investments was appropriate and desirable. MOE, in consultation with NPC and MOF, pro-actively communicated with multi-stakeholders. MOE also organized meetings of the Climate Change Council, the Multi-stakeholder Climate Change Initiatives Coordination Committee, and the PPCR Steering Committee and Policy Advisory Committee in order to define a consensus position.

**17. Joint Steering Committee and Policy & Advisory Committee Meeting.** On 16 February, a joint meeting of both the PPCR Steering Committee and PPCR Policy and Advisory Committee was held, chaired by the Honorable Member Dr. Dinesh Chandra Devkota of the National Planning Commission (NPC). The PPCR National Project Director Purushottam Ghimire gave a presentation on the mission findings and described the proposed scope of the five SPCR components. Participants expressed views on the various SPCR components and on the acquisition and utilization of funds (whether through grant or credit). Guidance from NPC and MOF during the meeting was that (i) project funds should be channeled as per normal MDB procedures<sup>3</sup>; (ii) efforts and resources should not be duplicated – ensure no overlaps with other planned interventions; (iii) the SPCR proposal of \$110 million (\$50 million in grant and \$60 million in credit) should be prepared for government consideration, but the component lead agencies should work out in detail the use of the PPCR funds and identify the expected impact on economic growth with clear targets and indicators; and (iv) ensure fast delivery so SPCR benefits reach the beneficiaries as soon as possible. Out of the total financial envelope, the grant allocation is confirmed but the credit allocation is under consideration by the Government.

#### **IV. KEY MISSION FINDINGS**

18. The mission updated the draft SPCR proposal based on mission consultations. The proposal is attached to this aide memoire and reflects the key mission findings.

##### **A. Proposed SPCR Components**

19. The five proposed components of the SPCR are as follows. The descriptions of the components including objective and expected outputs and activities are included in the draft SPCR document. Reference is made here to the appropriate sections:

*Component 1: Building Climate Resilience of Watersheds in Mountain Eco-Regions* – see Concept Note on page 31-35 and Project Preparatory Grant description on page 65-71.

*Component 2: Building Resilience to Climate-Related Hazards* -- see Concept Note on page 36-41 and Project Preparatory Grant description on page 72-74.

*Component 3: TA for Mainstreaming Climate Change Risk Management in Development* – see Concept Note on page 42-49.

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<sup>2</sup> The PPCR concessional terms for credits are: 40 years maturity with a 10-year grace period. 2% of the principal is repaid semi-annually for years 11-20, and 4% of the principal is repaid semi-annually for years 20-40. There is no interest, but a 0.10% service charge is paid semi-annually. See <http://www.climateinvestmentfunds.org/cif/node/1884>, para 33.

<sup>3</sup> ADB and World Bank project funds are channeled through the treasury, and IFC loan is channeled through IFC for private sector investment. IFC will be responsible for repayment.

*Component 4: Building Climate Resilient Communities through Private Sector Participation -- see Concept Note on page 50-58 and Project Preparatory Grant descriptions on page 75-77 .*

*Component 5: Enhancing Climate Resilience of Endangered Species -- see Concept Note on page 59-63.*

**B. Proposed SPCR Financial Allocation**

20. The following is a summary of the proposed SPCR financial allocations for the SPCR investments, TA grant, and project preparation TA grants (PPG) that are under consideration by the Government of Nepal. Detailed cost estimates will be prepared during project/TA preparation. The Government advised the mission team that national consultants should be given due priority while preparing projects to reduce the cost of project preparation and implementation, and use the remaining funds for project implementation.

Investments and Technical assistance	Preparation Costs for Feasibility Studies (PPG) (\$ Millions)	Proposed Project / TA Costs (\$ Millions)	MDB Lead	Financing / Co-Financing for Investment Projects (\$ Millions)		
				PPCR		MDB
				Grant	Credit	
Project Component 1: Building Climate Resilience of Watersheds in Mountain Eco-Regions	0.9	41.0	ADB	16.0 (of which 0.9 is PPG)	23.0	TBD
Project Component 2: Building Resilience to Climate-Related Hazards	0.5	41.0	World Bank	16.0 (of which 0.5 is PPG)	23.0	TBD
TA Component 3: Mainstreaming Climate Change Risk Management in Development		10.0	ADB	10.0		TBD
Component 4: Building Climate Resilient Communities through Private Sector Participation	0.3	13.0	IFC	3.0 (of which 0.3 is PPG)	10.0	TBD
Project Component 5: Enhancing Climate		5.0	World Bank	5.0		TBD

Resilience of Endangered Species						
<b>Total</b>	1.7			50.0	60.0	

## VI. FOLLOW UP ACTIONS

21. The next step is for the Government to finalize and submit the SPCR proposal to the PPCR sub-committee. The following steps will be taken:

- Mission to submit to MOE final draft SPCR proposal and final aide memoire -- by 21 February 2011
- MOE to distribute draft SPCR proposal and aide memoire to concerned Government ministries and agencies, with request for their endorsement and any other further issues that should be considered during detailed preparation of the SPCR components (following approval of the SPCR proposal by the PPCR Sub-Committee) – by 6 March 2011
- MOE to make final changes to SPCR proposal and Government to confirm aide memoire with SPCR proposal and consolidation of issues to be addressed during detailed component preparation – by 17 March 2011
- Component-related ministries/departments to provide to MOE the issues to be addressed during detailed component preparation and MOE to consolidate the issues, make changes in each component (if required), and provide to MDB team by 15 April 2011.

## VII. ACKNOWLEDGEMENT

22. The mission wishes to convey its appreciation to the Government of Nepal and especially MOE for its organization of and leadership in all mission meetings, and to MOE and all lead agencies for their partnership in finalizing the SPCR proposal. We also express our thanks to the numerous people from Government, civil society, development partners, the private sector, academe, and NGOs who took their time to give their invaluable feedback during stakeholder consultations.

**Annex 1**  
**PPCR Joint Mission 9-18 February 2011**  
**Mission Program**

<b>Time</b>	<b>Activity</b>	<b>Key Speakers/Discussants</b>
<b>Day 1 (9<sup>th</sup> February)</b>		
9:00-11:00	Mission kick off meeting and sharing of PPCR Program Objectives	Hon. Dr. Dinesh Chandra Devkota, Secretary, Dr. Ganesh Raj Joshi, Paulo Spantigati (ADB), Susan Goldmark (WB), Mr. Rajeev Gopal (IFC), President, FNCCI – Mr Kush Kumar Joshi
12 – 4 pm	Consultation meeting on Component 3: Mainstreaming climate change risk management in development	Dr Ganesh Joshi (Chair), Mr. Purushottam Ghimire, Mr. Batu Krishna Uprety & Ms. Meena Khanal
<b>Day 2 (10 February)</b>		
9 – 5 pm	Consultation meeting on Component 3: Mainstreaming climate change risk management in development	Mr. Purushottam Ghimire (Chair), Mr. Batu Krishna Uprety & Ms. Meena Khanal
<b>Day 3 (11 February)</b>		
9 am – 3 pm	Consultation meeting on Component 5: Enhancing Climate Resilience of Endangered Species	Mr. Purushottam Ghimire (chair) Dr KC Poudel, Environment Chief, MoFSC
3 – 5 pm	Discussion on SPCR Proposal Part 1	Mr. Purushottam Ghimire (chair)
<b>Day 4 (12 February)</b>		
2- 6 pm	Mission Team Meeting	
<b>Day 5 (13 February)</b>		
9 am –12 pm	Consultation meeting on Component 1: Building climate resilience of watersheds in mountain eco-regions	Mr. Purushottam Ghimire (chair)
1 – 5 pm	Working Group for Component 1: Building climate resilience of watersheds in mountain eco-regions;	Sagar Rimal – Ministry of Forest and Soil Conservation Dr Jagannath Joshi, Department for Soil Conservation and Watershed Management Representatives from ICIMOD, USAID and IWMI



<b>Day 6 (14 February)</b>		
9 – 12 pm	Consultation meeting on Component 4: Building Climate Resilience Communities through Private Sector participation	Mr. Purushottam Ghimire (chair)
1 pm – 5pm	Consultation meeting on Component 2: Building resilience to climate related extreme events	Mr. Purushottam Ghimire (chair), Mr. Keshab Sharma (DHM)

<b>Day 7 (15 February)</b>		
10 am – 11:30 am	PPCR coordination and results management	Ganesh Joshi, Secretary, Joint Secretary Meena Khanal, Purushottam Ghimire and Batu Uprety

<b>Day 8 (16 February)</b>		
11 am – 1 pm	Policy Advisory Committee and Steering Committee meeting and briefing	Dr D C Devkota, Mr. Ganesh Joshi, and Leelamani Paudel, Secretaries and Joint Secretaries from Line Ministries, representative from Municipality Association of Nepal

<b>Day 9 (17 February)</b>		
1:00 pm	Pre Wrap-up Meeting with MoE	
2:30 pm	Pre Wrap-up Meeting with other agencies	

<b>Day 10 (18 February)</b>		
10:00 am	Final Wrap-up meeting, Chaired by Sec, MOF	

**Annex 2**  
**PPCR Joint Mission 9-18 February 2011**  
**List of People Met**

Name	Designation	Organization	Attendance											
			9-Feb		10 <sup>th</sup> Feb	11-Feb		13th Feb	14th Feb		15th Feb	16th Feb	17th Feb	18th Feb
			Kick off	com 3	Com 3	Com 5	Part 1	com 1	Com 4	Com 2	PRF meeting	P & S meeting	Pre- wrap up	Wrap Up
<b>Government</b>														
Amrit Shrestha	SDE	Ministry of Irrigation	x		x									
Ananda K Gautam	Chief	AEU/ Nepal Agriculture Research Council							x	x	x			
Arjun Kuram Thapa	Under Secretary	Ministry of Environment	x											
Arjun S Thapa	Programme Officer	Food and Agriculture Organization	x											
Ashok Bhattarai	Under Secretary	Ministry of Environment	x											
B P Lekhak	Undersecretary	Ministry of Environment	x											
Babukaji Baniya	Under Secretary	Ministry of Environment	x	x	x									
Baikuntha Aryal	Jt. Secretary	Office of Prime Minister										x		
Batu Krishna Uprety	Joint Secretary	Ministry of Environment	x	x	x	x	x				x	x	x	x
Bhuban Karki	Under Secretary	Ministry of Finance										x		x
Bidya Nath Bhattarai	Senior Divisional Engineer	Ministry of Physical Planning and Works		x	x					x				
Bidya Pandey	Under Secretary	Ministry of Agriculture and Cooperative	x	x										
Binod Prakash Singh	Under Secretary	Ministry of Local Development										x	x	x
Bishnu Pd Aryal	Joint Secretary	Ministry of Agriculture and Cooperative										x		

Deepak M Pokherel	SHDO	Ministry of Agriculture and Cooperative								x				
Deepak Mani Pokharel	Under Secretary	Ministry of Agriculture and Cooperative	x	x		x								
Dinesh Bhujju	Faculty Chief	Nepal Academy of Science and Technology	x	x	x									
Dinesh C Devkota	Honorable Member	National Planning Commission	x										x	
Dinesh K Shrestha	Deputy Director	Curriculum Development Centre, Ministry of environment	x		x				x					
Doj Raj Khanal		Nepal Agriculture Research Council							x					
Eak Narayan Sharma	Sec Off	Ministry of Local Development	x		x									
Ganesh Raj Joshi	Secretary	Ministry of Environment	x									x	x	x
Gautam Raj Karnikar	P C	Water and Energy Commission Secretariate	x	x										
Ghana Shyam Malla	Sr Scientist	Nepal Agriculture Research Council		x					x					
Girija Prasad Gorkhali	Joint Secretary	Ministry of Physical Planning and Works	x	x						x				
Gopal Raj Timilsina		Ministry of Health and Population	x		x									
Harihar Sigdel	DDG	Department of Forest	x	x		x								
Indira Kandel	Meteorologist	Department of Hydrology and Meteorology (DHM)	x								x			
Jagannath Joshi	ATDO	Department of Soil Conservation and Watershed Management				x	x		x					
Janarjan Adhikari	Senior Agri Economist	Ministry of Agriculture and Cooperative							x					
Jarla Bajracharya	S. Scientist	Nepal Agriculture Research Council								x				
Jeevan K Shrestha	SDE	Department of Local Agricultural Roads		x										

K.P. Acharya	Jt. Secretary	Ministry of Physical Planning and Works											x		
Kamal P Budathoki	SDM	Department of Hydrology and Meteorology (DHM)								x					
Kamal Raj Joshi	SDM	Department of Hydrology and Meteorology (DHM)	x							x					
Kanchan Raj Pandey	Sr Agri Economist	Department of Agriculture	x					x							
KC Poudel	Joint Secretary	Ministry of Forest and Soil Conservation		x	x	x							x		
Kishor Bhattacharai	Coordinator, NITP	Department of Irrigation	x	x	x					x					
KP sharma	DDG	Department of Hydrology and Meteorology	x								x		x	x	x
Laxmi Ghimire	Section Officer	Office of Prime Minister			x		x								
Madhav Belbase	Director, MWRID	Ministry of Irrigation											x		
Manahari Khadka	PD	National Planning Commission	x											x	x
Mani Shkya	DDG	Department of Hydrology and Meteorology (DHM)													
Meena Khanal	Joint Secretary	Ministry of Environment	x	x	x							x	x		
Megh Nath Dhimal	Chief Research Officer	National Health Research Council			x										
Mina Nath Poudel	Chief	ORD, Nepal Agriculture Research Council						x							
Mira Gyawali	Architect	Department of Urban Development and Building Construction	x												
Mohan Poudel	Monitoring officer	Department of Forests (DoF)	x		x	x									
Moti Bahadur Kunwar	Joint Secretary	Ministry of Energy											x		
N B Rajwar	Deputy Director General	Department of Livestock Services						x							
Narendra P. Chaudhary	Secretary	Ministry of Agriculture													x
Narendra Raj Sharma	Joint Secretary	Ministry of Irrigation	x	x	x								x		x

Naresh Sharma	Agri-economist	Ministry of Environment	x	x	x	x	x	x	x	x				
Navin Man Joshi	PD	Department of Irrigation		x										
Praveen Mishra	Secretary	Ministry of Health and Population										x		
Pravin Aryal	SDE	Ministry of Energy											x	x
Purna B Tandukar	Under Secretary	Ministry of Environment	x											
Purushotam Ghimire	Joint Secretary	Ministry of Environment	x	x	x	x	x			x	x	x	x	x
Rameshwor Khanal	Secretary	Ministry of Finance												x
Rajendra Bhanadari	SDHG	Department for Water Induced Disaster Prevention												
Rajendra Pd Adhikari	SDE	Department for Water Induced Disaster Prevention	x											
Raju Laudari	CC U manager	Alternative Energy Promotion Centre	x	x										
Ram Asheshwor Mandal	Forest Officer	REDD Cell, Ministry of Forest and Soil Conservation												
Ram Prasad Pathak	Unit Chief/GESU	Department of Road	x	x	x	x	x	x		x				
Ramesh Nath Bastola	A ED	Road Boards Nepal				x								
Ravi S Aryal	Joint Secretary	Water and Energy Commission Secretariate	x											
Reshmi Raj Pandey	Joint Secretary	Ministry of Local Development											x	
Ritu Pantha	statistic Officer	Ministry of Environment	x	x	x	x	x	x	x	x	x	x	x	x
S P Khatiwada	Chief	Agri Botany Division, Nepal Agriculture Research Council												
Sabnam Shivakoti	Senior Agricultural Officer	Ministry of Agriculture and Cooperative												x
Sagar Rimal	Under Secretary	Ministry of Forest and Soil Conservation								x			x	
Sharada Pandey	SPHA	Ministry of Health and			x	x							x	

		Population													
Shashi Ratna Shakya	Senior Agri Economist	Department of Livestock Services													
Subarna M Pradhan	S scientist	Nepal Agricultural Research Council													
Subarna M. Pradhan	S. Scientist	Nepal Agriculture Research Council													
Surendra Kumar Subedi	Senior Agri Economist	Ministry of Agriculture and Cooperative													
Sushma Upadhaya	S D chemist	Ministry of Environment	x												
Swarasoti Sapkota	Ass. Ecologist	Department of National Park and Wildlife Conservation	x	x		x									
Thakur Pandit	S D E	Department of Water Supply and Sanitation	x												
I/NGOs															
Amar B. Manandhar	Executive Director	PACE Nepal	x												
Anu Adhikari		IUCN Nepal				x				x	x				
Basatant Ranabhat	Executive Director	Ecological Services Centre, Chitwan	x												
Deep Raj Uprety	Reporter	Nepal Federation of Environmental Journalist													
Deepak Adhikari	Sr Associate	International Development Enterprises													
Deepak Poudel	President	Disaster Preparedness Network, DpNet	x	x	x										
Gehendra Gurung		Practical Action		x											
Ghanashyam Awasthi	Chairperson	ECARDS Nepal	x												
Govinda Tiwari		Seed Nepal	x												
Iswer Onta	Chair	Nepal Water Partnership	x												
Jagat Kumar Bhusal	Vice Chairman	Society of Hydrologist and Meteorologist	x	x	x										
Lex Kassemberg	Country Director	CARE Nepal	x												
Luna Bharati	Senior Researcher	International Water	x												

		Management Institute												
Mangeet Dhakal	P O	Clean Energy Nepal	x	x	x									
Marcus Moenih	Director	ISET												
Mohan KC	Chairperson	Nepal Federation of Environmental Journalist								x				
Moon Shretha	Programme Officer	World Wildlife Fund				x								
Nawa Raj Khatiwada	Program Coordinator	Nepal Development Research Institute	x											
Pankaj KC	Program Director	Clean Energy Nepal	x	x										
Prakash Gaudel	Trainee Manager	Nepal Water Partnership	x	x	x				x					
Prasanna Yonjan	CEO	Wildlife Conservation Nepal				x								
Rajan Kotrv	Action Area Forest Ecologist	International Centre for Integrated Mountain Development								x				
Rajendra Khanal	IUCN	International Union for Conservation of Nature, IUCN	x	x	x									
Raju Rimal	Executive Director	Solar Energy Foundation	x											
Ram Lakhan Harizan	G Secretary	NFIWHAN			x									
Ravi Chitrakar	Programme Associate	Wildlife Watch Group	x		x									
Sandesh Singh Hamal	Policy coordinator	CARE Nepal	x											
SB Bajracharya	EO	National Trust Nature Conservation				x								
Scott Fajia	Country Director	Oxfam	x											
Shanta Upadhya	Programme Officer	Oxfam												
Simon Anderson	Head CC	International Institute for Environment and Development	x											
Sony Baral	Programme officer CC	CECI/Nepal			x									
Suman Kumar Shakya	ED	ENPHO	x											
Tek Jung Mahat	Project Manager	International Centre for Integrated Mountain Development			x	x	x	x		x				

Private Sector													
Ashok Murarka	Chairman	Global Seed Producers											x
Bikas Khanal	Head- Credit Risk Management	Kumari Bank Limited											x
Bhogendra Sharma	Coordinator Energy	CEDAN-CNI											x
Durga Pd. Adhikari	MD	Seed Enterprenuers Association Nepal											x
H. D. Pant	CEO	Nirdhan Bikas Bank											x
Keshab Adhikari	Project Manager	Federation of Nepalese Chamber of Commerce and Industries					x						x
Kush Kumar Joshi	President	Federation of Nepalese Chamber of Commerce and Industries	x										
Narendra Prajapati	CEO	BKPC											x
P B shah	Proprieter	Bira Furniture	x										
P.B. Shrestha	Proprieter	Birla Furniture											x
Phnindra Raj Pandey	Officer	Federation of Nepalese Chamber of Commerce and Industries											x
Pranav Pradhan	GM	Himalayan Bamboo Pvt. Ltd											x
R. Gopal	Country Representative	International Finance Corporation											x
Ramraja Acharya		Nepal Chamber	x										
Sher B. Budha	Executive Director	Nepal Micro Hydropower Association	x										
Sher Bahadur	ED	Micro Hydro Assoc											x
Shyam Krishna Pant	Chief Agriculturist	CG Seeds & Fertilizer											x
Smriti Joshi	R M	KBL	x										
Smriti joshi	Relationship Managers	Kumari Bank Limited											x
Ujjal Adhikari	ED	Sun Energy Lens											x
Uttam Kunwar	Energy	Federation of Nepalese Chamber of Commerce											x



		and Industries												
<b>Development Partners</b>														
Akio Endo	Representative	Japan International Cooperation Agency	x						x					x
Anil Pokhrel	Climate Change Adviser	ADB	x	x	x	x			x			x	x	x
Anupa Pant	Operation Analyst	International Finance Corporation	x					x	x			x		x
Braian Harding	CC specialist	UNDP Nepal	x	x					x		x			
Cindy Malvichini	Senior Water Resources Specialist	ADB, Manila	x	x								x	x	x
Claudia Sadoff	Lead Economist	WB, Nepal	x	x					x	x	x	x	x	x
Dinesh Karki	Environment Programme Analyst	UNDP Nepal							x	x				
Drona Raj Ghimire		WB, Nepal	x				x							
Emma Nurni	consultant	Finland Embassy	x											
Jeremy Stane	RE Advisor	SNV Nepal	x											
Jorn Sorensen	CD a.i.	UNDP Nepal			x									
Krishna Lamsal	Programme Officer	Japan International Cooperation Agency				x								
Krishna R Regmi		Food and Agriculture Organization	x	x			x			x	x			
Leela Raj Upadhyaya	Program Coordinator	World Food Programme	x											
Melissa Alipalo	Communication Specialist	ADB	x	x										
Mrinal Sircar	Programme Manager	IFC	x					x				x		x
Muthu Kumara Mani	Senior Env. Economist	World Bank									x	x		x
Narendra Gurung	Senior Programme Officer	Japan International Cooperation Agency											x	
Navina Shrestha	Project Coordinator	Canadian Cooperation Office	x											
Netra Sharam	AIDDPA	USAID			x		x	x	x					
Paolo Spantigati		ADB	x											x

Pieter Smidt	Consultant /	ADB	x											x	x
Phil Lewis	Policy Analyst	DFID UK	x		x	x									
Rajeev Gopal	Res Rep	IFC	x										x		x
Rik Van Keulen	Agriculture Sector Leaders	SNV							x	x					
Roman Roehrl	CC specialist	GTZ/GIZ	x		x	x			x	x					
Saurabh Dani	DRM specialist	World Bank						x							
Simon Lucas	CC advisor	DFID Nepal		x											
Stephanie Borsboom	Operation officer	WB, Nepal	x	x	x	x	x	x	x	x	x	x	x		
Susan Goldmark	Country Director	WB, Nepal	x												
Tina Kimes	Senior Operations Officer	WB, Nepal	x												x
Vijay Singh	ACD	UNDP Nepal	x	x											
Zhizhong Si	Consultant	ADB			x							x			
<b>Other stakeholders</b>															
Bhawani Kharel	Independent watershed management expert								x						
Charles Pradhan	Consultant	ADB TA 7173	x	x	x	x			x						
Dilli R Joshi	Cosultant	ADB TA 7173	x	x	x				x						
Dipak Kumar Rijal	National Faciliator	CADP-N	x						x						
Ganendera Karki	Technical Officer	National Adaptation Programme of Action, Ministry of Environment	x	x	x	x									
Geeta S Acharya	Associate Prof	Trichandra college/ Tribhuvan University							x						
Ghansham Pandey	CIF/PPCR civil Society Observer								x						
Govinda Gajurel	Consultant	National Planning Commission	x	x											
Guru Prasad Neupane	coordinator	Confederation of Nepalese Industries					x								
Kalanidhi Devkota	Executive Secretary	Municipal Association of Nepal , MUAN	x										x		x

Kareff	CCNF	NAPA/MoE		x										
Kedar Rijal	Department of Environmental Sciences	Tribhuvan University	x		x									
Kumud Shrestha	Consultant	Nepal Forester Association	x			x	x	x						
Madhukar Upadhya	Consultant	National Planning Commission		x										
Nawa Raj Koirala	LUFE	Association of District Development Committee, Nepal	x	x	x									
Ngmindra Dahal		ADB TA 7173	x		x									
Nirajan Shrestha	Env Expert	LGCDP/MLD	x		x									
Poshan KC	PPCR Consultant	International Finance Corporation	x				x	x						
Pradip Poudel	Programme Officer	National Association of VDCs Nepal			x									
Ram Chandra Khanal	NRN specialist	SPCR/MoE	x	x	x	x	x	x	x	x	x	x	x	x
Ranish Sakya	Intern	SPCR/MoE	x	x		x	x	x	x	x				
Rijan Kayastha	Ass Prof	Kathmandu University	x	x	x									
Sakunda Ojha	Environmental Officer	Sanima Hydropower	x											
Savitri Gurung	Consultant	HoHP/World Health Organizations			x									
Singh Raj Upreti	Director	Nepal Administrative Staff College		x	x									
Sora Neupane	Programme Officer	MUAN			x									
Subarna Shrestha	President	IPPAN	x											
Suresh Regmi	Consultant	National Planning Commission		x										
Tara Nidhi Bhattarai	Consultant	SPCR/MoE					x							
Triratna Bajracharya	Director	Centre for Energy Studies, Tribhuvan University	x	x	x									
Tulasi Prasad Uprety	Advisor	Confederation of Nepalese Industries				x								

PRF meeting - PPCR Result Framework Meeting

P & S meeting - Policy Advisory and Steering Committee Meeting