Minutes of First Stakeholder Meeting in Damauli

.

Minutes of First Stakeholder Meeting in Damauli

Project: Upper Seti Storage Hydroelectric Project Venue: Hotel Malla, Lainchaur, Kathmandu, Nepal Date: June 7, 2006 Time: 9:15 hrs

The first stakeholders' consultation meeting on the proposed upper Seti storage hydroelectric project under the upgrading feasibility study initiated by the JICA study team was held on 7^{nd} June 2006 in Kathmandu. The meeting was attended by about 60 people representing from different sectoral ministries, donor agencies, non-government organizations, members of parliament, and professionals from project area and people from different walks of life (*Annex 1*).

Mr. Satish Chandra Devkota, Economist, Environment and Social Studies Department of Nepal Electricity Authority was the Master of Ceremony. Mr. Devkota invited following guests to take their seat in the dais.

Mr. Bhoj Raj Regmi, General Manager, Engineering Services, NEA (Chairperson)
Mr. Ramchandra Poudel, Member of Parliament, Tanahun (Chief Guest)
Mr. Govinda Raj Joshi, Member of Parliament, Tanahun (Guest)
Mr. Tuk Raj Sigdel, Memebr of Parliament, Tanahun (Guest)
Mr. Amar Raj Kaini, Former Memebr of Parliament, Tanahun (Guest)
Mr. Uttar Kumar Shrestha, Acting Managing Director, NEA
Mr.Shiv Chandra Jha, Director, Environment and Social Studies Department, NEA
Mr. Yoshimasa Ishii, JICA Study Team, Team Leader

The meeting was chaired by Mr. Bhoj Raj Regmi, General Manager, Engineering Services, Nepal Electricity Authority and the chief guest was Mr. Ram Chandra Poudel former Deputy Prime Minister and the Member of Parliament, Tanahun. The meeting proceeded with dissemination of project information and findings of the past studies including environmental impact assessment study conducted by Nepal Electricity Authority and the proposed activities under the upgrading feasibility study to be conducted by the JICA study team followed by deliberations from high dignitaries, open floor discussions, questions and answers with clarification.

Brief account of the deliberation by key persons from the dais is presented below:

Mr. Uttar Kumar Shrestha, Acting Managing Director, Nepal Electricity Authority, is his welcome remarks briefed on the present hydropower generation capacity and informed that 80 percent of the total electricity generation is from hydropower project in Nepal. He highlighted the presently

available electricity quantity and compared with the demand and load shedding situation in the country. Mr. Shrestha pointed that the decrease in the power generation during the dry seasons from run-of-the-river power projects has compelled NEA to think and develop a storage type hydropower project, which could augment the short of supply of electricity during the dry seasons of the year. He also mentioned that after Kulekhani no other hydropower projects are of storage types in Nepal. In this context, the proposed upper Seti storage hydroelectric project seemed to be attractive one. In the year 2001 NEA identified the project and conducted a feasibility study. Based on the study findings, Government of Nepal requested Government of Japan to provide assistance for developing the project in the year 2004. The Government of Japan kindly consent the request of Government of Nepal and initiated upgrading feasibility study of the project through the mobilization JICA study team. He informed that the upgrading feasibility study will be completed by mid of 2007 and hoped that the project will be commissioned in due course of time. Mr. Shrestha is his remarks also pointed out that NEA is very desirous to expand the power distribution by increasing power generation capacity in the country. He advised the study team to incorporate the suggestions made by stakeholders in their study which in his opinion will help to develop a technically feasible, cost effective and socially and environmentally sound project.

Mrs. Annu Rajbhandari, Environmental Engineer, Environment and Social Studies Department, Nepal Electricity Authority presented salient features of the project and environment impact assessment study findings based on the study conducted by Nepal Electricity Authority during the feasibility study phase in 2001. She highlighted on the study area, EIA process adopted, basis of classification of project areas for environmental impact identification and assessment and significant environmental impacts both positive and negative ones to be emerged by the implementation of the project. She categorically briefed on impacts with regard to physical, biological and social, economic and cultural environments and also mentioned on the proposed mitigation measures to minimize and/or to eliminate the environmental impacts. Mrs. Rajbhandari also pointed out on the environmental management plan recommended for implementation by the study during the presentation of the study findings. She assured that the study conducted by NEA in the year 2001 is in compliance with Environmental Protection Act 2053 and corresponding regulations. However she further emphasized on the need for additional in-depth studies with regard to the impacts due to impoundment especially in critically areas and settlements around the reservoir area. Presentation of Annu Rajbhandari is annexed as *Annex 2*.

Mr. Yoshimasa Ishii, JICA Study Team, Team Leader and *Ms. Toshiko Shimada*, Sociologist, JICA Study Team jointly presented the overview of the JICA study and described on the scope of work, objectives and the proposed time period to conduct the upgrading feasibility study of the proposed hydroelectric project. The presenters described on the type of hydroelectric project viz. impoundment and the run-of-the-river type and mentioned on the relative advantages amongst different type of

hydroelectric projects.

During the deliberation Mr. Ishii mentioned on the study conducted by NEA in the year 2001 and the request made by the Government of Nepal to the Government of Japan to carry out upgrading feasibility study. Following the request of Government of Nepal, Government of Japan under the technical assistance of JICA initiated upgrading feasibility study through the mobilization of the study team in 2004. During the study period three numbers of stakeholders' meeting at the local and central levels each shall be conducted by NEA. Mr. Ishii pointed that the objective of the present study is to assess and evaluate the project options in terms of environmental, technical, economic and financial aspects and come up with the best project alternative for implementation. He mentioned that the JICA study will accomplish the study in three different stages with the activities to be undertaken under each of the stages. Three different stages of study include preliminary study stage, detailed investigation stage and upgrading feasibility study stage. Mr. Ishii also mentioned the time period required for the study and the stages to be followed before the initiation of implementation activities under the project. He informed that the present study is scheduled to complete by mid 2007.

Ms. Shimada focused her presentation on the JICA guidelines for environmental and social considerations and provisions of the JICA guidelines. She also briefly mentioned on the objectives, principles and procedures to be adopted for carrying out the studies for the proposed project. Presentations of both experts of the study team are annexed as *Annex 3*.

Mr. Murasire, Project Engineer, JICA Study Team, described on four different alternatives of the project layout considered during the study. The alternatives mainly vary with different configuration of power house, intake structures, penstock, tunnel, tailrace and switchyard. As per the proposition third alternative consists of two options with one option each for the remaining ones. He mentioned that the findings of geological, environmental and hydrological studies will be the basis of comparison to decide the best option project layout. Presentation of Mr. Murasire is annexed as *Annex 4*.

Mr. Jack Procer, Environmentalist and *Ms. Toshiko Shimada*, Sociologist, JICA Study Team presented on details of investigations to be carried out with regard to the natural environment and social environment under the upgrading feasibility of the upper Seti storage hydroelectric project. Both the presenters presented on methodologies of study to be adopted during the accomplishment of the assignment.

Mr. Jack Prosser briefed that the investigation will focus on aspects that help to predict impacts on reservoir water quality, aquatic ecology and fisheries, vegetation and forestry, wildlife resources, topography and land use due to reservoir, downstream impacts of reservoir operations and white-water rafting operations. He also mentioned that the present study includes watershed

management as well. Mr. Procer said that an environmental management and monitoring plan will also be formulated and recommended for implementation. Meanwhile he also mentioned that study will cover initial environmental examination level study on transmission line for a stretch of Damauli to Bharatpur. In addition the study will include a comparative assessment of environmental and social impacts for different alternatives considered during the design of the project.

Ms. Shimada presenting study methodology with regard to social and environmental investigations, mentioned that areas to focus during the period of study include involuntary resettlement, social and cultural aspects, downstream impacts due to release of water and impacts on vulnerable groups. During the period social environmental investigations on transmission line will also be carried out to the extent as mentioned under the natural environment investigations. An environmental management plan will be framed and recommended for implementation. As of the natural environmental investigations, social aspects study will also include a comparative assessment for different alternatives.

ſ

Mr. Amar Raj Kaini, Former Member of Parliament, Tanahun, highlighted on the national hydropower generation potential and generated capacity till present. He mentioned on the need to provide electricity facility to the rural inhabitants, which is not being covered yet. Mr. Kaini reiterated on the fact that after the restoration of democracy in 1990, the government provided high priority in infrastructure sector and made significant progress in this regard. But due to political obstruction in the recent years the pace of development was slowed down. In the recent changed context, he was of the opinion that the pace of infrastructure development will again get momentum. Hydropower projects will impart both positive and negative environmental impacts. But the positive environmental impacts will overweigh the negative ones. He suggested the study team to find a combination of project components in such a way that the negative environmental impacts will be kept at minimum level simultaneously by maximizing the positive ones. He further suggested to workout a realistic plan which will not lead for cost and time over run of the project. He assured to provide full support for the implementation of the project. Lastly, Mr. Kaini thanked the organizer for inviting and providing him an opportunity to say few words about the project.

Mr. Tuk Raj Sigdel, Member of Parliament, Tanahun in his deliberation also pointed to the national hydropower generation potential and the generated capacity till date. He cited the electricity load shedding situation and pointed on the importance of early implementation of the proposed project. He said that the feasibility study phase of project preparation is very vital and the study team is required to com up with a realistic plan which emerges minimum degree of variation during the period of implementation of the project. He reiterated to the need of rural electrification and to provide electricity facility to the people residing in rural settlements of the district. Past experience shows that the locals have not been benefited to the extent that could have been provided by the project. He also

suggested interacting with the local people and getting feedback in order to address their concerns and feelings. He also asked the study team to take into account on grazing land, agricultural land and the relocated people and make provision for alternative mitigation measures. Mr. Sigdel pointed on the potential impacts of GLOF, and earthquake to the dam structure and siltation problem in the reservoir also. He also assured full support for the implementation of the project and thanked the organizer for inviting and providing an opportunity to put his ideas and views with regard to project implementation.

Mr. Govinda Raj Joshi, Member of Parliament, Tanahun, expressing his views mentioned that the common people do not understand the feasibility study and other project preparation activities. However they understand project operation in totality. He also highlighted the total power generation potentiality in the country and the present situation of total power generation. Owing to the national power generation capacity, ever increasing electricity demand and uncovered rural area with the facility he commented that the proposed project development will be highly useful in the sector. He emphasized on the need to maximize the benefit to the local people by the project. Mr. Joshi cited examples of the past and on-going hydroelectric projects especially Kaligandaki-A and middle Marsyangdi with cost and time overrun scenarios and requested the study team to conduct detailed study, which ensures minimum and/or no variations during implementation in the proposed project. During the deliberation Mr. Joshi questioned that why we have not been able to generate electricity at low price adopting cheaper alternative means. He also suggested to draw the real benefit to the local people. These are the areas which in his opinion needs further discussion and requested the team to do so during the period of study. Study findings should prove that the alternative chosen is the best and realistic amongst the alternatives considered. He reiterated that the distribution of revenue should not be limited to the paper only. The distributed revenue should be used for meeting the demands of local people. Mr. Joshi also mentioned that only completion of the project will not fulfill our problem. We need to think for equitable distribution as well. The major thrust of the study needs to be laid on formulating a cheap project, which provides maximum benefit to the local people. Mr. Joshi requested the study team and NEA to develop a model project and assured to support on his behalf as a resident and representative of Tanahun. He also thanked the organizer for inviting in the meeting and providing him an opportunity to say something during the meeting.

Ms. Neera Shrestha, Pradhan, Representative from WWF, Kathmandu Office, raised some environmental concerns with regard to project development and operation. As presented before, it's a category A-type dam under the JICA environment guideline. It is denoted that the environmental impacts will not be limited to only socio economic impacts but also the project will impart impacts on biodiversity. The study team is requested to take account seriously on biodiversity especially on fish species and other biodiversity related matters during the study period. She also pointed that WWF is not against development however she opined that both development and environmental concern

should be taken hand-in- hand. She emphasized on the need of implementation of mitigation measures also. She also mentioned to the need to use revenue on environmental management. She expressed best wishes for the successful implementation of the project.

Dr. Jagadish Chandra Pokharel, sharing his experiences, pointed that we the professionals are very good in collecting data and information however we normally do not emphasize on analysis part seriously. He suggested the study team to be equally serious on analysis and interpretation on impacts envisioned due to the implementation of the project. He cited examples on settlement and associated factors with it. Again he requested to review the lessons learned from the past project and incorporate the ones that have been really been fruitful. He emphasized the need for timely compensation to the project affected families and those people who lose their occupation. Dr. Pokharel also suggested the study team to read the audit reports of earlier EIAs that may help to develop realistic EIA report in this project. Focusing of the reservoir area he mentioned that due to fragile geological conditions bank erosion will be significant. He pointed out that Bhimad area seems to be more vulnerable and needs to be addressed especially. He also mentioned to the need of mitigation measures to minimize impacts on migratory fishes as well. Dr. Pokharel also mentioned that the area is very rich in culture. Especially Magar and Bote ethnic groups are very rich culturally and he requested the study team to provide sufficient time to deal in detail in such issues and come up with pragmatic measures in order to minimize the degree of environmental impacts. Dr. Pokharel suggested the study team to treat issues related to children and old aged people separately. He also reiterated to keep the cost at the minimum level as possible. He thanked NEA and JICA study team for inviting him in the meeting and providing an opportunity to express his ideas and views in the meeting. Dr. Pokharel expressed good wishes for successful implementation of the project.

Mr. Satish Chandra Devkota with the permission of the chairperson opened the floor for discussion.

Mr. Reshmi Raj Dhital, Fishery Expert, Fishery Development Office, Balaju, Kathmandu, doubted on the number of fish species reported in the report is low. In his opinion fish species should be more than 32 in numbers and he said that the number of species varies with the change in season. He requested to conduct studies seriously and also pointed to the need of in-depth study as the river stretch belongs to the fish gene-bank. He reiterated that fish hatchery simply will not be enough and he pointed to make provision of regular outlet for fishes in the river.

Mr. Shiva Dhaudel, Representative Ministry of Agriculture and Cooperatives, put his concern on the additional environmental issues raised under the present studies and incorporation of them in the previous EIA study report that is about to get approval from MOEST. He also pointed out that the discussions could have been more fruitful presenting the issues raised by the local stakeholders during the local level consultation meeting by the organizer.

Following the discussion, Mr. Satish Chandra Devkota, master of ceremony with the permission of the chairperson requested to Mrs. Rajbhandari and the members of JICA study team for clarification in issues raised by the participants.

Mrs. Annu Rajbhandari clarified that environmental impact assessment study conducted by NEA is in accordance with the provision of Environmental Protection Act 2053 and corresponding regulation whereas the present study is being undertaken under the provisions of the JICA guidelines. She assured that the comments made on the draft EIA report submitted to MOEST for approval will be incorporated as per the requirements.

Dr. Toran Sharma, Team Leader, Local Consulting Team clarified issues raised with regard to fisheries and relocation of affected households and assured to consider issues raised by the participants during the period of study.

Ms. Toshiko Shimada Sociologist, JICA study team, presented a summary of issues raised at Damauli consultation meeting. She appreciated the issues raised by the participants and assured them to consider during the study.

After clarification on issues raised by the participants, Mr. Devkota invited the chief guest for his deliberation.

Mr. Ram Chandra Poudel, the Chief Guest, Member of Parliament, started his deliberation offering thanks to the organizer for inviting him and providing him an opportunity to say something with regard to the proposed project. Mr. Poudel, in his remarks mentioned that after the political change in the country the situation has changed and everyone needs to be changed. He requested to control the cost on unnecessary items and keep the project cost to the minimum extent. He also assured that there will be no unnecessary demand with the contractor from the local stakeholders during construction period. He pointed that the cost on construction of luxurious residences and procurement of vehicles can be substantially reduced. He further stressed that the quarter could be rented out in stead of constructing for a short period of time.

He said that the proposed dam site is very appropriate for hydropower generation as it is very narrowed with sparse settlements and less agricultural land area. Bhimad Bazaar is the only densely populated area in the project vicinity and needs protection. Mr. Poudel requested the donor to focus study that support to generate hydroelectricity at cheaper rate. During his deliberation he also pointed out the problems of local people that need to consider during the study. For fish protection and development he suggested using Phewa Lake and Madi River. But he cautioned that the destructive

fishing (explosives and electric shocks) needs to control for sustaining fishes in natural water bodies.

Mr. Poudel suggested to maintain transparency and communication with the people and requested the proponent to regularly interact and disseminate study findings and other project related matters to the stakeholders. Any deficiency in transparency and communication, the people will take action to the defaulters. He assured that after the successful completion project personnel will be felicitated nationally as well as locally. He welcomed the donor in their area and assured full support on behalf of the local stakeholders. Mr. Poudel suggested make provision for free flow of vehicular traffic from dam site in order to provide facility of transport and to mitigate effects envisioned due to the inundation of trail bridges presently located at different locations due to impoundment. Lastly he expressed best wishes for the successful implementation of the project and the participants of the meeting.

Mr. Shiva Chandra Jha, Chief Environment and Social Studies Department, Nepal Electricity Authority delivered the vote of thanks to all participants including the chief guest, Members of Parliament, former Member of Parliament, representatives of donor agencies, government agencies, non-government agencies and participants. He informed that the stakeholder meeting is the first and will be followed by two more meetings each at local and central levels in the future. He also thanked for the active participation of the participants and hoped to be continued in the days to come during the project preparation and implementation phases of project development.

Mr. Bhoj Raj Regmi, the Chairperson, General Manager, Engineering Services, Nepal Electricity Authority in his concluding remarks briefed the project background and the need of the project in the present context. Mr. Regmi informed that the upgrading feasibility study of the project will be completed by early next year. He briefly mentioned on the type of the project and the volume of storage reservoir. He described on the type of artificial reservoir and storage capacity. He told that the proposed storage hydropower project is after Kulekhani project which was also built with the assistance of JICA. The total storage capacity of the reservoir will be of 331 million m³ which greater than the capacity of Kulekhani reservoir (70 million m³). Mr. Regmi informed that the EIA study report is already submitted to the Ministry of Environment, Science and Technology for approval and is in a process of approval.

Mr. Regmi during his deliberation informed the participants that the JICA study team will prepare the upgrading feasibility study of the project and is scheduled to complete by mid of 2007. He informed that two more consultation meetings each at the field and central level will be conducted during the study period. He expressed the view that the discussions are very useful and assured that the issues raised here in the meeting will be considered by the study team. Mr. Regmi thanked and expressed his gratitude to all the participants for their participation and cooperation extended in the meeting and

hoped the same level of cooperation in days to come. Lastly he extended his sincere gratitude to JICA for providing assistance to conduct upgrading feasibility study of the proposed project.

5

.

List of Invited Institutions/Persons of First Stakeholder Meeting

in Kathmandu

List of Invited Institutions/Persons of First Stakeholder Meeting in Kathmandu

.No.	Name	Addresse	Number of Participants	
1	Ministry of Environment Science and Technology	Singa Durbar		
2	Ministry of Water Resource	Singa Durbar	1	
	Department of Electricity Development	Anamnagar	1	
4	Ministry of Forest and Soil Conservation	Singa Durbar	1	
 5	Ministry of Agriculture	Singa Durbar	1	
	Ministry of Land Reform	Babarmahal	1	
6	Ministry of Women and Social Welfare	Lainchour	1	
7		Balaju	1	
8	Fisheries Development Directoriate		1	
9	IUCN Bakhundol, Lalitpur, Nepal Nepal Forum of Environmental Journalist Thapathali		1	
10	Nepal Forum of Environmental Journalist	Panipokhari, Kathmandu	0	
11	Endeded of output		2	
12 13	JICA JBIC	Mr. Krishna Manandhar, Local Representative, JBIC, Kathmandu. Phone No: 98510-42147 (M), 4422667 ®	0	
14	ADB	Kamaladi, Kathmandu, Nepal	1	
15	The World Bank	Durbar Marga, Kathmandu, Nepal	1	
16	Engineering Association of Nepal	Pulchok	1	
17	EIA Association of Nepal	SchEMS	1	
18	NGO Federation	Buddha Nagar	1	
19	Local NGO Representative	Tanahu	1	
20	Water Nepal (Ajay Dixit)	Patan	1	
21	NAST	Sadhabato	1	
22	Radio Sagarmatha	Babarmahal	1	
	The Kathmandu Post	Tinkune	1	
23			1	
2.4	The Himalaya Times	New Road	1	
25	The Raising Nepal		2	
26	IMAGE Channel	Singa Durbar	2	
27	Kantipur TV	Tinkune		
28	JICA Study Team		5	
29	NESS Consult		5	
30	Project Office		5	
31	NEA-ESSD		5	
32	Planning NEA		1	
33	NORAD	Bakhundol, Lalitpur, Nepal	1	
34	KfW	New Baneshwor, Kathmandu	0	
35	ICIMOD	Sadhabato, Lalitpur, Nepal	1	
36	WWF	Maharajung, Kathmandu	1	
37	Winrock International	Bakhundol, Lalitpur, Nepal	1	
38	Members of the Parliament from Tanahaun District		3	
_39	Jagidish Chandra Pokhrel	Kupondel Nepal	1	
40	Amar Raj Kaini	Former Member of Parlyament from Tana	1	
41	Ram Chandra Pokhrel	FormerChairman of Tanahaun DDC General Manager, NEA	1	
42	Shyam Bahadur Shrestha	General Manager, NEA	1	
43 44	Shyambhu Prasad Upadhaya Balaram Shrestha	General Manager, NEA	1	
44	Dipak Upadhayay	Deputi Managing Director, NEA	1	
40	Ram Prasad Adhikari	Deputi Managing Director, NEA	1	
47	Uttar Kumar Shrestha	Acting Managing Director, NEA	1	
48	NEA Directors		9	
49	NEA Managers		3	
50	NEA-Trade Unions	UCA French for NF A	4	
-51	Mr. Y. Ozaki	JICA Expert for NEA	82	

Participants Registered in the First Stakeholder Meeting

at Kathmandu, June 7, 2006

Participants Registered in the First Stakeholder Meeting at Kathmandu, June 7, 2006

1 Govinda Raj Loshin Tanahu M.P M.P 419578 M 2 Lock Man Malkey NEA NEA NEA 424013 57 M 3 Jurnesh Rauniyar Koleshwor The Rising Nopal Journalist 9941239863 25 M 4 J.N. Pokharel MCWCSW Govirnment service 4219064 50 M 6 J.M. Pradhan NEA Assistant Manager 42237398 45 M 7 Mrigondra Streetha NEA Directorla 4228712 57 M 8 Styme Bhandari NEA NEA Adn. Office 4228172 58 M 11 Haats S, Dhami Shantingaga NEA Aduitsor 66 M 114 12 Pablin K, Dhungel NEA/Planning Corporale Planning Ergineer 422412412 33 M 13 Ran K, Sharma NEA NEA Socio-conomist M 14 Mada Kolrala NEA NEA 12245473 7 M 16 <	S.NO	Name	Address	Organization	Occupation	Phone No. A	\ge	Sex
2 Lock Man Maikey NEA NEA NEA NEA Yead 4246013 67 M 3 Urosh Rauniyar Kotestwor The Rising Nepal Government service 4219064 50 M 4 J.N. Pokharel MOVCSW Government service 4223212 55 M 6 J.M. Pradhan NEA NEA Director 4223212 56 M 8 Shyam Bhandari NEA NEA Adm. Office 4228212 M 9 S.P. Lyadhpyay NEA Cen NEA Adm. Office 4228212 M 10 Kanji Usni JICA NICA Research 941220612 33 M 11 Harats Shartinagar NEA Research 941220612 33 M 12 Prabin K. Dhungel NEA/Planning Corporate Planning Engineer 4220419 30 M 13 Ram K. Sharma NEA NEA Research 941220612 33 M 14 Madan Koirala NES Social worker 544083 49 M 16 Tuka Rej Sigdel Tanahu DRM Social worker <td></td> <td></td> <td>Tanahu</td> <td>M.P</td> <td>M.P</td> <td>4419578</td> <td></td> <td></td>			Tanahu	M.P	M.P	4419578		
3 Umesh Raunyar Koteshwor The Rising Nepal Journalist 941269563 25 M 4 J.N. Pocharel MOWCSW MOWCSW Government service 4213064 50 M 5 Dhruba Upreti NEA Assistant Manager 4227398 45 M 7 Mrigondra Shreatha NEA NEA NEA NEA 4228370 55 M 9 S.P. Upashpyay NEA Gen NEA occupation 4228370 57 M 10 Kanji Usni JICA JICA Advisor 58 M 11 Hards S. Dhami Shartinagar NEA Research 941224912 33 M 12 Pabin K.Dhungei NEXPlanning Corporate Planning Engineer 4224912 40 M 13 Ram K. Sharma NESS NESS Sociologist 4244989 40 M 14 Mada Kolrala NEA NEA NEA NEA MEA MA 15 Dr. aggatint C-Pokherel Tanhu DR Social worker 5644083 49 M 15 Dr. K. Rajhandari NEA NEA NEA <td></td> <td>•</td> <td>NEA</td> <td>NEA</td> <td>NEA</td> <td>4246013</td> <td>57</td> <td>M</td>		•	NEA	NEA	NEA	4246013	57	M
4 J.N. Pokharel MOWCSW Government service 4219064 50 M 6 J.N. Pradhan NEA Asistant Manager 4223212 55 M 7 Migondra Shresha NEA NEA 42353212 55 M 8 Shyam Bhandrai NEA NEA 42353212 57 M 9 S.P. Lipachtyzy NEA Coupation 4228212 M 10 Kanji Uani J.CA NEA Research 9841224012 33 M 11 Harda Shartimagar NEA Research 9841224012 33 M 12 Pabin K. Dhungel NEA Research 9841224012 33 M 14 Maden Koran NES NESS Ecologist 424469 49 M 14 Maden Koran NESS NESS Ecologist 424469 49 M 15 J.agadish C. Pokhrel Tanahu DRM Erv. Planning 5221693 M 16 J.agadish C. Pokhrel Tanahu			Koteshwor	The Rising Nepal	Journalist			
b Julius Species NEA. Sys Planing NEA. Director 4228212 65 M 7 Mrigenota Sinesthen NEA. NEA. NEA. 4228370 F7 M 9 S.P. Upadhynya NEA. NEA. Advisor 4228370 F7 M 9 S.P. Upadhynya NEA. NEA. Advisor 4228370 F7 M 10 Kanji Usni JICA. Advisor 4228370 F7 M 11 Harak S. Dhami Shartinagar M NEA. Research 981/12/2412 33 M 11 Prabin K. Dhungel NEA. NEA. NEA. Research 921/2412 30 M 11 Prabin K. Dhungel NEA. NES. Ecologist 4244989 40 M 14 Madan Koirala NES. NESS Ecologist 4244989 40 M 15 Tuka Raj Sigdel Tanhu M.P. Social worker 5544063 40 M 16 D. Jagadsh C. Pokhrel Tanhu M.P. Social worker 5644063 50 M 19 S.K. Fradhan NEA NEA. NEA.			MOWCSW	MOWCSW	Government service		+ +	
6 J.M. Pradhan NEA Director 4228212 55 M 7 Mrigendra Shreshan NEA NEA VIEA 428612 54 M 8 Shyam Bhandari NEAEU NEA Adm. Office 422812 M 9 S.P. Upadhyay NEA Gen NEA Adm. Office 4228170 57 M 10 Kanji Usni JICA JICA Advisor 36 M 11 Harsk S. Dhami Sharitnagar NEA Research 9911224012 33 M 12 Prabin K. Dhungel NEA/Planning Corporate Planning Engineer 4220449 30 M 13 Rank S. Sharma NESS NESS Social worker 5544083 M 14 Madan Koirala NESA NESA Env. Planning 5521663 M 16 Dr. Jagadish C. Poktrel Tanahu DRM Env. Planning 5521663 M 17 H.K Sharma NEA NEA 4226473 M M 18 S.K Raghandari NEA NEA 4370482 54 M 19 S.K. Fradhan				NEA	Assistant Manager			
7 Mrigendra Shreshta NEA NEA NEA NEA Other 4355835 64 M 9 S.P. Upadhyay NEA Gen NEA occupation 4228370 67 M 10 Kanji Uani JICA JICA Advisor 36 M 11 Harak S. Dhami Shantinagar NEA Research 9841224612 33 M 12 Prabin K. Dhungei NEA/Planning Corporate Planning Engineer 4224498 40 M 13 Rank K. Sharma NESS NESS Social worker 5544083 49 M 14 Madan Koirala NESS NESS Ecologist 4244989 40 M 16 Tutagadish C. Poktrel Transhu M.P Social worker 5544083 49 M 16 S. S. Rajbhandari NEA NEA NEA Lexproxer 4228473 47 M 16 S. S. Rajbhandari NEA NEA NEA Lexproxer 427880 50 M 17 H.S. Singh <td></td> <td></td> <td>NEA Sys Planing</td> <td>NEA</td> <td>Director</td> <td>4228212</td> <td>55</td> <td>M</td>			NEA Sys Planing	NEA	Director	4228212	55	M
a Shyam Bhandari NEA EGU NEA Adm. Office 422812 M 9 S.P. Ugadhyay NEA Gen NEA occupation 422870 57 M 10 Kanji Usni JICA JICA Advisor 56 M 11 Harak S. Ohami Sharimagar NEA Research 941224612 33 M 12 Prabin K. Dhungel NEA/Planning Corporate Planning Engineer 4220449 30 M 13 Ram K. Sharma NESS NESS Social-economist M 14 Madan Koirala NESS NESS Ecologist 4244989 40 M 16 Dr. Jagadish C. Pokhrel Tanahu DRMN Env. Planning 552163 M 17 H.K Shrestha NEA NEA NEA, REDTP Project coordinator(Director) 4225473 47 M 18 S.K. Sapitandari NEA NEA NEA NEA NEA 4225473 47 M 19 S.K. Fradhan NEA NEA NEA 4226473 55 M 20 Rachesh Pd. Neigone Samakhusi NEA			NEA	NEA	NEA		54	
9 S.p. Ugadhyay NEA occupation 4228370 57 M 10 Kanji Usni JICA Advisor 9641224612 33 M 11 Harak S. Dhami Shantinagar NEA Research 9641224612 33 M 12 Prabin K. Dhurgel NEA/Planning Corporate Planning Engineer 4220449 30 M 13 Ram K. Sharma NESS NESS Ecologist 424489 40 M 14 Madan Koriala Tanahu M.P Social worker 5544083 49 M 15 Tuka Raj Sigde Tanahu M.P Social worker 5544083 49 M 16 Dr. Jagadish C. Porkhel Tanahu DRA NEA 100 4225473 47 M 17 H.K Sharma NEA NEA NEA Engineer 4376860 50 M 21 V.B. Singh NEA NEA NEA Dob 4228733 47 M 22 Ganesh Pd. Neupane Samakhusi NEA Dob 4228			NEAEU	NEA	Adm. Office	4228212		
10Kanji UsriJICAJICAAdvisor36 M11Harak S. DhamiShantinagarNEAResearch98/122481233 M12Prabin K. DhungelNEA/PlanningCorporate PlanningEngineer422044930 M13Ram K. SharmaNESSNESSSocio-economistM14Madan KoiralaNESSNESSSocio-economistM15Tuka Raj SigdelTanahuM.PSocial worker5544083M16Dr. Jagadish C. PokhrelTanahuDRMNEnv. Planning5221663M17H.K ShrestheNEANEANEA422547347 M18S. RighandariNEANEAKEA427688050 M19S.K. FradhanNEANEANEA42627355 M20R. SharmaNEANEAJob42287334 M21V.B. SinghNEANEAjob42287334 M22Satis Chandra DevkotaNEAService422813456 M23Satis Chandra DevkotaNEAService422813456 M25Dr. Jivendra JhaNEANEAService422813034 M26Anaherar R. PadeyKFWRep.55227135 M28Radhesh M. Pradhanaga NEANEAService4228128M29Satis Chandrara DevkotaNEAService422814955 M20Radhesh M. Pradhanaga NEANEA<		,	NEA Gen	NEA	occupation	4226370	57	M
11 Harak S. Dhami Shantinagar NEA Research 984/12/2412 33 M 12 Prabin K. Dhungel NEA/Fining Corporate Planning Social-economist M 13 Ram K. Sharma NESS NESS Social-economist 4220449 9 M 14 Madan Koirala NESS NESS Ecologist 4244889 49 M 16 Dr. Jagadish C. Pokhrel Tanahu DRMN Env. Planning 5521663 M 17 HK Sherstha NEA NEA NEA 4225473 47 M 18 S. Rajbhandari NEA NEA, REDTP Project coordinator(Director) 4225473 47 M 19 S.K. Pradhan NEA NEA NEA MEA M 21 V B. Singh NEA NEA NEA Job 4231445 35 M 22 Ganesh Pdi Neupane Samakhusi NEA NEA Job 4221730 35 M 23 Satis Chandra Devkota NEA-FID NEA Service 4227030 35 M 23 Katis Chandra Poudel NEA NEA Service 4227030 35 M 24 Rajestwor Sulpy NEA NEA Service 4228173 55 M		,	JICA	JICA	Advisor			
12 Prabin K. Dhungel NEA/Planning Corporate Planning Engineer 420494 30 M 18 Ram K. Sharma NESS NESS Socio-conomist M 14 Madan Kolrala NESS NESS Social worker 5544083 49 M 15 Tuka Raj Sigdel Tanahu M.P Social worker 5544083 49 M 16 D. Jagdish C. Pokhrel Tanahu M.P Social worker 5544083 49 M 17 H.K. Shrestha NEA NEA NEA 4225473 47 M 18 S.S. Rajbhandari NEA NEA REA 70 Picet coordinator(Director) 422573 55 M 20 R.K. Sharma NEA NEA NEA Job 4221873 55 M 23 Stoci Chandra Devkota NEA-ESSD NEA Job 422873 54 M 24 Rajeshwor Sulpy NEA-FID NEA Service 422703 34 M 25 Kumar K.C Lazimpat			Shantinagar	NEA	Research	9841224612	33	M
19 Ram K. Sharma NESS NESS Socio-economist M 14 Madan Koirala NESS NESS Ecologist 424499 49 M 15 Tuka Raj Sigdel Tanahu M.P Social worker 5544083 49 M 16 Dr. Jagadish C. Pokhrel Tanahu DRMN Env. Planning 5521663 M 17 H.K Shrestha NEA NEA NEA 4225473 47 M 18 S. Rajbhandari NEA NEA NEA 162 4370432 55 M 20 R.K. Sharma NEA NEA Job 422673 34 M 23 Satis Chandra Devoto NEA NEA Job 422673 34 M 24 Rejeshwor Sulpy NEA NEA Job 422673 34 M 24 Rejeshwor Sulpy NEA NEA Service 4228134 34 M 25 Dr. Jivendra Jha NEA NEA Service 422718 49 M <td></td> <td></td> <td>NEA/Planning</td> <td>Corporate Planning</td> <td>Engineer</td> <td>4220449</td> <td>30</td> <td></td>			NEA/Planning	Corporate Planning	Engineer	4220449	30	
14 Madan Koirala NESS Ecologist 4244989 49 M 15 Tuka Raj Siguél Tanahu DRMN Env. Planning 5544063 49 M 16 Dr. Jagadish C. Pokhrel Tanahu DRMN Env. Planning 5521663 M 17 H.K. Shrestha NEA NEA NEA Project coordinator(Director) 425573 47 M 18 S.K. Pradhan NEA NEA NEA, REDTP Project coordinator(Director) 4226730 55 M 20 R.K. Sharma NEA NEA/ NEA/ MEA/520 56 M 4221645 35 M 22 Ganesh Pd. Neupan Samakhusi NEA NEA Service 4226730 34 M 23 Satis Chandra Devkota NEA NEA Service 4227039 55 M 24 Rajestwor Sulpy NEA NEA Service 4227039 55 M 25 Kumar K.C Lazimpat Image Channel Cameraman 4433141 21 M 27 Shankar R. Pandey KFW Rep. 5232228 M 26 Raghesh			NESS	NESS	Socio-economist			
15 Data Argueties Tanahu DRMN Env. Planning 5521663 M 17 H.K. Shrestha NEA NEA 4225473 47 M 18 S.K. Pradhanan NEA NEA,SRCL Engineer 4276860 50 M 19 S.K. Pradhan NEA NEA,REDTP Project coordinator(Director) 42573 55 M 20 R.K. Sharma NEA NEA NEA Job 422873 34 M 21 V.B.Singh NEA NEA Job 422873 34 M 22 Ganesh Pd, Neupane Samakhusi NEA Job 422873 34 M 23 Satis Chandra Devkota NEA-ESSD NEA Job 4228123 49 M 25 Dr. Jivendra Jha NEA NEA Service 4228123 49 M 26 Kumar K.C Lazimpat Image Channel Cameraman 4433141 21 M 27 Shankar R. Pandey KFW Rep 553228 M 28 Radhesh M. Pradhanange NEA NEA Engineer 4208051 53 M 29 Ram Chandra Poudel M.P M.P M M Agrieconomist			NESS	NESS	Ecologist			
16 Dr. Jagadish C. Pokhrel Tanahu DRM Env. Planning 5521663 M 17 H.K Shrestha NEA NEA 4225473 47 M 18 S.S. Rajbhandari NEA NEA Engineer 4376860 50 M 19 S.K. Pradhan NEA NEA NEA M 482573 55 M 20 R.K. Sharma NEA NEA NEA Job 4370432 54 M 21 V.B. Singh NEA NEA Job 4231465 35 M 23 Satis Chandra Devkota NEA-ESSD NEA Job 4226730 34 M 25 Dr. Jivendra Jha NEA NEA Service 4228730 35 M 26 Kumar K.C Lazimpat Image Channel Cameraman 4433141 21 M 27 Shankar R. Pandey KFW Rep. 5523228 M 30 Rajan Baral FIT Nepal Engineer 2030399 24 M 31 Jagadish TAnahu JICA Study Team JICA Study Team A261644 M 31	1	5 Tuka Raj Sigdel	Tanahu	M.P	Social worker		49	
In IncomparisonNEANEA, SRCLEngineer437686050 M19 S.K. PradhanNEANEA, SRCLEngineer437686050 M10 R.K. SharmaNEANEANEAM21 V.B. SinghNEANEANEAM22 Ganesh Pd. NeupaneSamakhusiNEAJob423194523 Satis Chandra DevkotaNEA-ESSDNEAJob422873034 M24 Rajeshwor SulpyNEA-ESSDNEAJob422873035 M25 Dr. Jivendra JhaNEAService422703955 M26 Kumar K.CLazimpatImage ChannelCameraman443314121 M27 Shankar R. PandeyKFWRep.5523226M28 Radhesh M. Pradhanange NEANEAEngineer203039924 M31 Sunil DhoubadelM.PM.PMM32 B.R RegmiNEAJICA Study teamEngineer203039924 M31 Sunil DhoubadelM.PM.PMM34 Akio KunaharaJICA Study teamEngineer4361644M34 Akio KunaharaJICA Study teamEngineer42673032 M35 arbit KainiTAnahuJICA Study teamEnvironmentalist67 M35 arbit KainiKTM Panipokhari,NC(D)Central C. Member445211936 Tashiko ShimadaJICA Study teamEnvironmentalist67 M36 Tashiko ShimadaNEAJICA Study teamSocial Development35 F37 Sourab RanaKTM Pan			Tanahu	DRMN	Env. Planning			
19 S.K. Pradhan NEA NEA NEA Project coordinator(Director) 482673 55 M 20 R.K. Sharma NEA NEA NEA NEA M 21 V.B. Singh NEA NEA Job 422143 54 M 22 Ganesh Pd, Neupane Samakhusi NEA Job 4228673 35 M 23 Satis Chandra Devkota NEA-FSD NEA Job 422873 56 M 23 Satis Chandra Devkota NEA-FSD NEA Job 422873 56 M 26 Kumar K.C Lazimpat Image Channel Cameraman 4433141 21 M 27 Shankar R. Pandey KFW Rep. 6523228 M 28 Radhesh M. Pradhanangt NEA NEA Engineer 2030399 24 M 30 Rajan Baral FIT Nepal Engineer 4226050 32 M 31 Sunil Dhoubadel Ministry of Agriculture Agri-economist 4226050 32 M 33 Jagadish TAnatu JCA Study team Social Development 35 F 35 Jack Prosser JICA Study team Social Development 55 F M <td< td=""><td></td><td></td><td>NEA</td><td>NEA</td><td></td><td></td><td></td><td></td></td<>			NEA	NEA				
19 S.K. PlathalliNEANEANEANEA20 R.K. SharmaNEANEANEAJob4210221 V.B. SinghNEANEAJob422184554 M22 Ganesh Pd. NeupaneSanakhusiNEAJob422184535 M23 Satis Chandra DevkotaNEA-FSDNEAJob422673034 M24 Rajeshwor SulpyNEA-FTDNEAService422613849 M25 D. Jivendra JhaNEANEAService422703955 M26 Kumar K.CLazimpatImage ChannelCameraman443314121 M27 Shankar R. PandeyKFWRep.5522228M28 Radhesh M. Pradhanang: NEANEAEngineer424885153 M29 Ram Chandra PoudelM.PM.PMM30 Rajan BaralFIT NepalFIT NepalEngineer203039924 M31 Sunil DhoubadelMiristry of Agriculture Agri-economist422605032 M33 JagadishTAnahuJICA Study teamEngineer31 M35 Jack ProsserJICA Study TeamJICA Study teamEngineer55 F37 Sourab RanaKTM Panjookhari, ICA Nudy teamSocial Development35 F38 Amar Raj KainiKTM Panjookhari, ICA Nudy teamSocial Development35 F39 Rabindra CNEANEADep Manager422673033 M39 Rabindra CNEAJICA Study teamEngineer452673035 M39 Rabindra CNEAJICA Study team <td>1</td> <td>8 S.S. Rajbhandari</td> <td>NEA</td> <td>NEA, SRCL</td> <td>Engineer</td> <td></td> <td></td> <td></td>	1	8 S.S. Rajbhandari	NEA	NEA, SRCL	Engineer			
20 R.K. ShaininNEANEANEAJob437043254 M21 V.B. SinghNEAJob423144535 M22 Ganesh Pd. NeupaneSamakhusiNEAJob422673034 M23 Satis Chandra DevkotaNEA-ESSDNEAService422673355 M24 Rajeshwor SulpyNEA-PTDNEAService422703955 M25 Dr. Jivendra JhaNEANEAService422703955 M26 Kumar K.CLazimpatImage ChannelCameraman443314121 M27 Shankar R. PandeyKFWRep.5523228M28 Radhesh M. Pradhanange NEANEAEngineer424885153 M29 Ram Chandra PoudelM.PM.PM30 Rajan BaralFIT NepalFIT NepalEngineer20303924 M31 Sunil DhoubadelMinistry of Agriculture Agri-economist422065032 M33 JagadishTAnahuJICA Study teamEngineer31 M35 Jack ProsserJICA Study TeamJICA Study teamEnvironmentalist67 M36 Toshiko ShimadaJICA Study teamScial Development55571136 M37 Sourab RanaKTM Panipokhari,JICA VepatProgram Officer555271136 M38 Amar Raj KainiKTM Panipokhari,NCDCentral C. Member442617957 M39 Rabindra CNEANEADirector442673039 M40 Thakur Raj PandeyNEANEADirector442673039 M <td>1</td> <td>9 S.K. Pradhan</td> <td>NEA</td> <td>NEA, REDTP</td> <td>Project coordinator(Director)</td> <td>482573</td> <td>55</td> <td></td>	1	9 S.K. Pradhan	NEA	NEA, REDTP	Project coordinator(Director)	482573	55	
21V.B.SinginINCAINCADob423144535 M22Ganesh Pd. NeupaneSamakhusiNEAjob422812534 M23Satis Chandra DevkotaNEA-ESSDNEAjob422812849 M24Rajeshwor SulpyNEA-PTDNEAService422812849 M25Dr. Jivendra JhaNEANEAService422812849 M26Kumar K.CLazimpatImage ChannelCameraman443314121 M27Shankar R. PandeyKFWRep.5523228M28Radhesh M. Pradhanange NEANEAEngineer424895153 M29Ram Chandra PoudelM.PM.PMM30Rajan BaralFIT NepalEngineer203039924 M31Sunil DhoubadelMinistry of Agriculture Agri-economist422016032 M33JagadishTAnahuJICA Study teamEngineer31 M34Akio KunaharaJICA Study teamJICA Study teamSocial Development35 F35Sourab RanaKTM Panipokhari, NC(D)Central C. Member445211956 M39Rabindra CNEANEADirector444564255 M38Amar Raj KainiKTM Panipokhari, NC(D)Central C. Member442617953 M39Rabindra CNEANEADirector442647255 M39Rabindra CNEANEADirector444564255 M<	2	0 R.K. Sharma	NEA	NEA				
22 Galasti To, HedpainData MEA-ESSDNEAJob422673034 M23 Satis Chandra DevkotaNEA-ESSDNEAService422812849 M25 Dr. Jivendra JhaNEANEAService422812849 M25 Dr. Jivendra JhaNEANEAService42273055 M26 Kumar K.CLazimpatImage ChannelCameraman443314121 M27 Shankar R. PandeyKFWRep.553228M28 Radhesh M. Pradhanange NEANEAEngineer42485153 M29 Randhandra PoudelM.PM.PM30 Rajan BaralFIT NepalFIT NepalEngineer203039924 M31 Sunil DhoubadelMinistry of AgricultureAgri-sconomist422605032 M32 B.R RegmiNEANEANEAMM34 Akio KunaharaJICA Study TeamJICA Study teamEngineer31 M35 Jack ProsserJICA Study TeamJICA Study teamEnvironer35 F37 Sourab RanaKTM Panipokhari,NC(D)Central C. Member44561438 Amar Raj KainiKTM Panipokhari,NC(D)Central C. Member442673039 M40 Thakur Raj PandeyNEANEADirector54271136 M39 Rabindra CNEANEADirector442673053 M41 Shity Chandra JhaNEANEADirector442673053 M42 RP. AdhikariNEANEADirector442677053 M43 P	2	1 V.B.Singh	NEA	NEA/PDD	Chief	4370432		
23 Satis Chaldia DevicitNEA-PTDNEAService422812849 M26 Dr. Jivendra JhaNEANEAService422812849 M26 Dr. Jivendra JhaNEANEAService422703955 M26 Kumar K.CLazimpatImage ChannelCameraman443314121 M27 Shankar R. PandeyKFWRep.5623228M28 Radhesh M. Pradhanange NEANEAEngineer424885153 M28 Radhesh M. Pradhanange NEANEAEngineer203039924 M30 Rajan BaralFIT NepalFIT NepalEngineer203039924 M31 Sunil DhoubadelMinistry of Agriculture Agri-economist422605032 M33 JagadishTAnahuSa CA Study TeamJICA Study teamEngineer31 M35 Jack ProsserJICA Study TeamJICA Study teamSocial Development35 F36 Toshiko ShimadaJICA Study TeamJICA Study teamSocial Development35 F37 Sourab RanaKTM Panipokhari, NC(D)Central C. Member445211966 M38 Amar Raj KainiKTM Panipokhari, NC(O)Central C. Member4422673053 M40 Thakur Raj PandeyNEADirector4426477957 M41 Shiv Chandra JhaNEAJICA Study TeamJica Economist422673053 M42 R.P. AdhikariNEAJICA Study TeamOirector444564255 M43 Shaid ParwezADB, KTMADBEconomist422673053 M43 Shai	2	22 Ganesh Pd. Neupane	Samakhusi	NEA	Job			
25 Dr. Jivendra JhaNEANEANEAService422703955 M26 Kumar K. C.LazimpatImage ChannelCamearaman443314121 M27 Shankar R. PandeyKFWRep.5523228M28 Radhesh M. Pradhanangs NEANEAEngineer424885153 M29 Radhesh M. Pradhanangs NEANEAEngineer203039924 M30 Rajan BaralFIT NepalFIT NepalEngineer203039924 M31 Sunil DhoubadelMinistry of Agriculture Agri-economist422605032 M32 B.R RegmiNEANEAMM34 Akio KunaharaJICA Study TeamJICA Study teamEngineer31 M35 Jack ProsserJICA Study TeamJICA Study teamEnvironmentalist67 M36 Toshiko ShimadaJICA Study TeamJICA Study teamEnvironmentalist67 M37 Sourab RanaKTM Panipokhari,JICA NepalProgram Officer555271138 Amar Raj KainiKTM Panipokhari,NC(D)Central C. Member44264239 Rabindra CNEANEADirector444564255 M41 Shiv Chandra JhaNEANEADirector444564255 M41 Shiv Chandra JhaNEAJICA Expert422643039 M45 Hari Krisna sunion DemocraticNEADMD422677977 M45 Hari Krisna sunion DemocraticNEAService984130342239 M46 Bikash SangraulaKathmanduThe Kathmandu Post	2	23 Satis Chandra Devkota	NEA-ESSD	NEA	job			
25 Di. Jivelula altaInc.A <th< td=""><td>2</td><td>4 Rajeshwor Sulpy</td><td>NEA-PTD</td><td>NEA</td><td>Service</td><td></td><td></td><td></td></th<>	2	4 Rajeshwor Sulpy	NEA-PTD	NEA	Service			
25 Kultian K.C.Learning K.C.KFWRep.55/3228M27 Shankar R. PandeyKFWRep.55/3228M28 Radhesh M. Pradhanange NEANEAEngineer42488515329 Ram Chandra PoudelM.PM.PM30 Rajan BaralFIT NepalFIT NepalEngineer20303992431 Sunil DhoubadelMinistry of Agriculture Agri-economist422605032M32 B.R RegmiNEANEA4361644M33 JagadishTAnahuJICA Study teamEngineer31M34 Akio KunaharaJICA Study TeamJICA Study teamEngineer31M35 Jack ProsserJICA Study TeamJICA Study teamSocial Development67M36 Toshiko ShimadaJICA Study TeamJICA NepalProgram Officer555271136M38 Amar Raj KainiKTM Panipokhari, NCA Env. DeptNEADep Manager422673033M39 Rabindra CNEANEADirector444564255M41 Shiv Chandra JhaNEA, ESSDNEADime422673053M42 P. AdhikariNEAJICA Expert422647053M43 Shahidra RaNEAJICA Expert4226477932M44 Shahid ParwezADB, KTMADBEconomist422777932M45 Hari Krisna sunion DemocraticNEAService984130342239M46 Bikash SangraulaKat	-	25 Dr. Jivendra Jha	NEA	NEA	Service			
27Statuta N. Pradhanange NEANEAEaEngineer424885153 M29Ram Chandra PoudelM.PM.PM.PM30Rajan BaralFIT NepalEngineer203039924 M31Sunil DhoubadelMinistry of Agriculture Agri-economist422805032 M32B.R RegmiNEANEAMM33JagadishTAnahu4361644M34Akio KunaharaJICA Study TeamJICA Study teamEngineer31 M35Jack ProsserJICA Study TeamJICA Study teamEnvironmentalist67 M36Toshiko ShimadaJICA Study TeamJICA Study teamSocial Development35 F37Sourab RanaKTM Panipokhari,JICA NepalProgram Officer555271136 M38Amar Raj KainiKTM Panipokhari,NC(D)Central C. Member445211956 M39Rabindra CNEADirector444564255 M41Shiv Chandra JhaNEANEADirector444564255 M42NEANEADMD422677957 M43Y. OzakiNEANEADMD422677957 M44Shahid ParwezADB, KTMADBEconomist422077932 M45Hari Krisna sunion DemocraticNEAService984130342239 M46Bikash SangraulaKathmanduThe Kathmandu PostJournalist444010028 M <t< td=""><td>:</td><td>26 Kumar K.C</td><td>Lazimpat</td><td>Image Channel</td><td>Cameraman</td><td></td><td>21</td><td></td></t<>	:	26 Kumar K.C	Lazimpat	Image Channel	Cameraman		21	
20 Radites int. Har PoulderNextMer M.PM.PM30 Rajan BaralFIT NepalFIT NepalEngineer203039924 M31 Sunil DhoubadelMinistry of Agriculture Agri-economist422605032 M32 B.R RegmiNEANEAM33 JagadishTAnahu4361644M34 Akio KunaharaJICA Study TeamJICA Study teamEngineer67 M35 Jack ProsserJICA Study TeamJICA Study teamEnvironmentalist67 M36 Toshiko ShimadaJICA Study TeamJICA Study teamSocial Development35 F37 Sourab RanaKTM Panipokhari,JICA NepalProgram Officer555271138 Amar Raj KainiKTM Panipokhari,NC(D)Central C. Member445211939 Rabindra CNEANEADep Manager422673039 M40 Thakur Raj PandeyNEANEADirector444504255 M41 Shiv Chandra JhaNEANEADirector444504255 M42 R.P. AdhikariNEANEADimeer422673039 M43 Shahidr ParwezADB, KTMADBEconomist42277937 M43 Y, OzakiNEANEAService984130342239 M46 Bikash SangraulaKathmanduThe Kathmandu PostJournalist448010028 M47 Anu RajbhandariNEANEANEAService984130342239 M46 Bikash SangraulaKathmanduThe Kathmandu PostJournalist4480100<	2	27 Shankar R. Pandey		KFW				
29 Rain DrateFIT NepalFIT NepalEngineer203039924 M30 Rajan BaralFIT NepalFIT NepalEngineer203039924 M31 Sunil DhoubadelMinistry of Agriculture Agri-economist422605032 M32 B.R RegmiNEANEAM33 JagadishTAnahu4361644M34 Akio KunaharaJICA Study TeamJICA Study teamEngineer31 M35 Jack ProsserJICA Study TeamJICA Study teamEngineer35 F37 Sourab RanaKTM Panipokhari,JICA Study teamSocial Development35 F37 Sourab RanaKTM Panipokhari,NC(D)Central C. Member445211939 Rabindra CNEANEADirector444564239 Rabindra CNEANEADirector444564230 Takur Raj PandeyNEANEADirector444564241 Shiv Chandra JhaNEA, ESSDNEAEngineer422673043 Y, OzakiNEAJICA Expert4226477957 M43 Y, OzakiNEAJICA Expert422077932 M45 Hari Krisna sunion DemocraticNEAService984130342239 M46 Bikash SangraulaKathmanduThe Kathmandu PostJournalist448010028 M47 Anu RajbhandariNEANEAEngineer985103393344 F48 Neera S, PradhanWWF, BaluwatarWWFFresh Water Officer4336065254 M50 Shreesti ShakyaLazimpatImage Channel <td>:</td> <td>28 Radhesh M. Pradhanang</td> <td>ja NEA</td> <td>NEA</td> <td></td> <td>4248851</td> <td>53</td> <td></td>	:	28 Radhesh M. Pradhanang	ja NEA	NEA		4248851	53	
30 Rajan Balar11 ReparMinistry of Agriculture Agri-economist42205032 M31 Sunil DhoubadelNEANEAM32 B.R RegmiNEANEAM33 JagadishTAnahu4361644M34 Akio KunaharaJICA Study TeamJICA Study teamEngineer31 M35 Jack ProsserJICA Study TeamJICA Study teamEngineer35 F37 Sourab RanaKTM Panipokhari,JICA NepalProgram Officer555271136 M38 Amar Raj KainiKTM Panipokhari,NC(D)Central C. Member4445211956 M39 Rabindra CNEANEADep Manager422673039 M40 Thakur Raj PandeyNEANEADirector444564255 M41 Shiv Chandra JhaNEA, ESSDNEADimetor422673053 M42 R.P. AdhikariNEANEADimetor422673053 M42 R.P. AdhikariNEANEADMD426477957 M43 Y. OzakiNEANEAJUCA Expert422964854 M44 Shahid ParwezADB, KTMADBService984130332344 F48 Neera S. PradhanWWF, BaluwatarWWFFresh Water Officer443462035 F49 Resham Raj DhitalDirectorate of Fisher Govt. of NepalChief Prog.435066254 M50 Shreesti ShakyaLazimpatImage ChannelReporter441228324 F51 Birendra K. PathakNEA, KTMNEADirector422632148 M <td></td> <td>29 Ram Chandra Poudel</td> <td></td> <td>M.P</td> <td>M.P</td> <td></td> <td></td> <td></td>		29 Ram Chandra Poudel		M.P	M.P			
31 Sum DroubdatingNEANEANEAMEA32 B.R RegmiNEANEANEA4361644M33 JagadishTAnahuJICA Study TeamJICA Study TeamMCA4361644M35 Jack ProsserJICA Study TeamJICA Study teamEngineer353567M36 Toshiko ShimadaJICA Study TeamJICA Study teamEnvironmentalist67M36 Toshiko ShimadaJICA Study TeamJICA Study teamSocial Development35537 Sourab RanaKTM Panipokhari,VICA NepalProgram Officer555271136M38 Amar Raj KainiKTM Panipokhari,NC(D)Central C. Member445211956M39 Rabindra CNEANEADirector444564255M40 Thakur Raj PandeyNEANEADirector444564255M41 Shiv Chandra JhaNEA, ESSDNEAEngineer422673039M42 R.P. AdhikariNEAJICA Expert4226477957M43 Y. OzakiNEAJICA Expert422964864M44 Shahid ParwezADB, KTMADBEconomist422777932M46 Bikash SangraulaKathmanduThe Kathmandu PostJurnalist448010028M47 Anu RajbhandariNEANEAEngineer985103393344F48 Neera S. PradhanWWF, BaluwatarWWFFresh Water Officer443482035F <td>:</td> <td>30 Rajan Baral</td> <td>FIT Nepal</td> <td></td> <td></td> <td></td> <td></td> <td></td>	:	30 Rajan Baral	FIT Nepal					
32 B.K RéginTAnahu4361644M33 JagadishTAnahuJICA Study TeamJICA Study teamEngineer31 M35 Jack ProsserJICA Study TeamJICA Study teamEnvironmentalist67 M36 Toshiko ShimadaJICA Study TeamJICA Study teamSocial Development35 F37 Sourab RanaKTM Panipokhari,JICA Study teamSocial Development35 F38 Amar Raj KainiKTM Panipokhari,NC(D)Central C. Member445211939 Rabindra CNEANEADep Manager422673039 M40 Thakur Raj PandeyNEANEADirector444564255 M41 Shiv Chandra JhaNEA, ESSDNEAEngineer422673053 M42 R.P. AdhikariNEANEADMD426477957 M43 Y. OzakiNEAJICA Expert422673028 M44 Shahid ParwezADB, KTMADBEconomist422777932 M45 Hari Krisna sunion DemocraticNEAEngineer985103393344 F48 Neera S. PradhanWWF, BaluwatarWWFFresh Water Officer443482035 F49 Resham Raj DhitalDirector of Fisher Govt. of NepalChief Prog.435066254 M50 Shreesti ShakyaLazimpatImage ChannelReporter441228324 F51 Birendra K. PathakNEA, KTMNEADirector422532148 M52 Hiroshi MurasigeJICA Study TeamJICA Study teamEngineer60 M55 T.	;	31 Sunil Dhoubadel		Ministry of Agriculture	Agri-economist	4226050	32	
33 JagadishJICA Study TeamJICA Study teamEngineer31 M34 Akio KunaharaJICA Study TeamJICA Study teamEngineer31 M35 Jack ProsserJICA Study TeamJICA Study teamEnvironmentalist67 M36 Toshiko ShimadaJICA Study TeamJICA Study teamSocial Development35 F37 Sourab RanaKTM Panipokhari,JICA NepalProgram Officer555271136 M38 Amar Raj KainiKTM Panipokhari,NC(D)Central C. Member445211956 M39 Rabindra CNEA Env. DeptNEADep Manager422673039 M40 Thakur Raj PandeyNEANEADirector444564255 M41 Shiv Chandra JhaNEA, ESSDNEAEngineer422673053 M42 R.P. AdhikariNEANEADMD426477957 M43 Y. OzakiNEAJICA Expert422971932 M45 Hari Krisna sunion DemocraticNEAService984130342239 M46 Bikash SangraulaKathmanduThe Kathmandu PostJournalist448010028 M47 Anu RajbhandariNEANEAEngineer985103393344 F48 Neera S. PradhanWWF, BaluwatarWWFFresh Water Officer443262035 F49 Resham Raj DhitalDirectorate of Fisher Govt. of NepalChief Prog.435066254 M50 Shreesti ShakyaLazimpatImage ChannelReporter441228324 F51 Birendra K. PathakNEA, KTM <td< td=""><td>:</td><td>32 B.R Regmi</td><td>NEA</td><td>NEA</td><td></td><td></td><td></td><td></td></td<>	:	32 B.R Regmi	NEA	NEA				
367 Akb Numerical 35 Jack ProserJICA Study Team JICA Study TeamJICA Study Team JICA Study teamEnvironmentalist67 M36 Toshiko ShimadaJICA Study TeamJICA Study teamSocial Development35 F37 Sourab RanaKTM Panipokhari, Mana Raj KainiKTM Panipokhari, KTM Panipokhari,JICA NepalProgram Officer555271136 M39 Rabindra CNEA Env. DeptNEADep Manager422673039 M40 Thakur Raj PandeyNEANEADirector444564255 M41 Shiv Chandra JhaNEA, ESSDNEAEngineer422673053 M42 R.P. AdhikariNEANEADMD426477957 M43 Y. OzakiNEAJICA Expert422964854 M44 Shahid ParwezADB, KTMADBEconomist422777932 M45 Hari Krisna sunion DemocraticNEAService984130342239 M46 Bikash SangraulaKathmanduThe Kathmandu PostJournalist448010028 M47 Anu RajbhandariNEANEAEngineer98510393344 F48 Neera S. PradhanWWF, BaluwatarWWFFresh Water Officer4432082035 F49 Resham Raj DitalDirectorate of Fisher Govt. of NepalChief Prog.435066254 M50 Shreesti ShakyaLazimpatImage ChannelReporter441228324 F51 Birendra K. PathakNEA, KTMNEADirector422532148 M52 Hiroshi MurasigeJICA Study Team </td <td>:</td> <td>33 Jagadish</td> <td>TAnahu</td> <td></td> <td></td> <td>4361644</td> <td></td> <td></td>	:	33 Jagadish	TAnahu			4361644		
35 Jack FlosserJICA Study TeamJICA Study TeamJICA Study teamSocial Development35 F36 Toshiko ShimadaJICA Study TeamJICA NepalProgram Officer555271136 M37 Sourab RanaKTM Panipokhari,JICA NepalProgram Officer555271136 M38 Amar Raj KainiKTM Panipokhari,NC(D)Central C. Member445211956 M39 Rabindra CNEA Env. DeptNEADep Manager422673039 M40 Thakur Raj PandeyNEANEADirector444564255 M41 Shiv Chandra JhaNEA, ESSDNEAEngineer422673053 M42 R.P. AdhikariNEANEADMD426477957 M43 Y. OzakiNEAJICA Expert422964854 M44 Shahid ParwezADB, KTMADBEconomist422777932 M45 Hari Krisna sunion DemocraticNEAService984130342239 M46 Bikash SangraulaKathmanduThe Kathmandu PostJournalist448010028 M47 Anu RajbhandariNEANEAEngineer985103993344 F48 Neera S. PradhanWWF, BaluwatarWWFFresh Water Officer443482035 F49 Resham Raj DhitalDirectorate of Fisher Govt. of NepalChief Prog.435066254 M50 Shreesti ShakyaLazimpatImage ChannelReporter441228324 F51 Birendra K. PathakNEA, KTMNEADirector422532148 M52 Hiro		34 Akio Kunahara	JICA Study Team	JICA Study team	5			
36 Toshko Shinko Shin		35 Jack Prosser	JICA Study Team	JICA Study team				
37 Solvab RahaFind Fahipokhari, Stor KepaFresh Water Officer445211956 M38 Amar Raj KainiKTM Panipokhari, NC(D)Central C. Member445211956 M39 Rabindra CNEA Env. DeptNEADep Manager422673039 M40 Thakur Raj PandeyNEANEADirector444564255 M41 Shiv Chandra JhaNEA, ESSDNEAEngineer422673053 M42 R.P. AdhikariNEANEADMD426477957 M43 Y. OzakiNEAJICA Expert422964854 M44 Shahid ParwezADB, KTMADBEconomist422777932 M45 Hari Krisna sunion DemocraticNEAService984130342239 M46 Bikash SangraulaKathmanduThe Kathmandu PostJournalist448010028 M47 Anu RajbhandariNEANEAEngineer985103393344 F48 Neera S. PradhanWWF, BaluwatarWWFFresh Water Officer443482035 F49 Resham Raj DhitalDirectorate of Fisher Govt. of NepalChief Prog.435066254 M50 Shreesti ShakyaLazimpatImage ChannelReporter441228324 F51 Birendra K. PathakNEA,KTMNEADirector422532148 M52 Hiroshi MurasigeJICA Study TeamJICA Study teamEngineer40 M53 Hironobu NishimiyaJICA Study TeamJICA Study teamEngineer40 M54 Yoshimasa IshiiJICA Study TeamJICA Study tea		36 Toshiko Shimada	JICA Study Team	•	•			
39 Rabindra CNEA Env. DeptNEADep Manager422673039 M40 Thakur Raj PandeyNEANEADirector444564255 M41 Shiv Chandra JhaNEANEADirector444564255 M41 Shiv Chandra JhaNEANEAEngineer422673053 M42 R.P. AdhikariNEANEADMD426477957 M43 Y. OzakiNEAJICA Expert422964854 M44 Shahid ParwezADB, KTMADBEconomist422777932 M45 Hari Krisna sunion DemocraticNEAService984130342239 M46 Bikash SangraulaKathmanduThe Kathmandu PostJournalist448010028 M47 Anu RajbhandariNEANEAEngineer985103393344 F48 Neera S. PradhanWWF, BaluwatarWWFFresh Water Officer443482035 F49 Resham Raj DhitalDirectorate of Fisher Govt. of NepalChief Prog.435066254 M50 Shreesti ShakyaLazimpatImage ChannelReporter441228324 F51 Birendra K. PathakNEA,KTMNEADirector422532148 M52 Hiroshi MurasigeJICA Study TeamJICA Study teamEngineer40 M53 T. SharmaNESSNESSEnv. Manager424498952 M		37 Sourab Rana	KTM Panipokhari,	JICA Nepal	5		-	
39 Rebrind CINCA END. BopINCADop integer444564255 M40 Thakur Raj PandeyNEANEADirector444564255 M41 Shiv Chandra JhaNEA, ESSDNEAEngineer422673053 M42 R.P. AdhikariNEANEADMD426477957 M43 Y. OzakiNEAJICA Expert422964854 M44 Shahid ParwezADB, KTMADBEconomist422777932 M45 Hari Krisna sunion DemocraticNEAService984130342239 M46 Bikash SangraulaKathmanduThe Kathmandu PostJournalist448010028 M47 Anu RajbhandariNEANEAEngineer985103393344 F48 Neera S. PradhanWWF, BaluwatarWWFFresh Water Officer444362035 F49 Resham Raj DhitalDirectorate of Fisher Govt. of NepalChief Prog.435066254 M50 Shreesti ShakyaLazimpatImage ChannelReporter441228324 F51 Birendra K. PathakNEA,KTMNEADirector422532148 M52 Hiroshi MurasigeJICA Study TeamJICA Study teamEngineer40 M53 Hironobu NishimiyaJICA Study TeamJICA Study teamEngineer53 M54 Yoshimasa IshiiJICA Study TeamJICA Study teamEngineer53 M55 T. SharmaNESSEnv. Manager424498952 M		38 Amar Raj Kaini	KTM Panipokhari,					
40Hakur Raj PalloeyNEANEABitotion41000000000000000000000000000000000000		39 Rabindra C	NEA Env. Dept		• •			
41 Shiv Olahdia JinaNEANEANEADMD426477957 M42 R.P. AdhikariNEAJICA Expert422964854 M43 Y. OzakiNEAJICA Expert422964854 M44 Shahid ParwezADB, KTMADBEconomist422777932 M45 Hari Krisna sunion DemocraticNEAService984130342239 M46 Bikash SangraulaKathmanduThe Kathmandu PostJournalist448010028 M47 Anu RajbhandariNEANEAEngineer985103393344 F48 Neera S. PradhanWWF, BaluwatarWWFFresh Water Officer443482035 F49 Resham Raj DhitalDirectorate of Fisher Govt. of NepalChief Prog.435066254 M50 Shreesti ShakyaLazimpatImage ChannelReporter441228324 F51 Birendra K. PathakNEA,KTMNEADirector422532148 M52 Hiroshi MurasigeJICA Study TeamJICA Study teamEngineer40 M53 Hironobu NishimiyaJICA Study TeamJICA Study teamEngineer53 M55 T. SharmaNESSEnv. Manager424498952 M		40 Thakur Raj Pandey						
42 K.F. AdminiantNEAJICA Expert422964854 M43 Y. OzakiNEAJICA Expert422964854 M44 Shahid ParwezADB, KTMADBEconomist422777932 M45 Hari Krisna sunion DemocraticNEAService984130342239 M46 Bikash SangraulaKathmanduThe Kathmandu PostJournalist448010028 M47 Anu RajbhandariNEANEAEngineer985103393344 F48 Neera S. PradhanWWF, BaluwatarWWFFresh Water Officer443482035 F49 Resham Raj DhitalDirectorate of Fisher Govt. of NepalChief Prog.435066254 M50 Shreesti ShakyaLazimpatImage ChannelReporter441228324 F51 Birendra K. PathakNEA, KTMNEADirector422532148 M52 Hiroshi MurasigeJICA Study TeamJICA Study teamEngineer40 M53 Hironobu NishimiyaJICA Study TeamJICA Study teamEngineer53 M55 T. SharmaNESSNESSEnv. Manager424498952 M					•			
43 Y. OzakiNEANEAStock Expert44 Shahid ParwezADB, KTMADBEconomist422777932 M45 Hari Krisna sunion DemocraticNEAService984130342239 M46 Bikash SangraulaKathmanduThe Kathmandu PostJournalist448010028 M47 Anu RajbhandariNEANEAEngineer985103393344 F48 Neera S. PradhanWWF, BaluwatarWWFFresh Water Officer443482035 F49 Resham Raj DhitalDirectorate of Fisher Govt. of NepalChief Prog.435066254 M50 Shreesti ShakyaLazimpatImage ChannelReporter441228324 F51 Birendra K. PathakNEA, KTMNEADirector422532148 M52 Hiroshi MurasigeJICA Study TeamJICA Study teamEngineer40 M53 Hironobu NishimiyaJICA Study TeamJICA Study teamEngineer53 M54 Yoshimasa IshiiJICA Study TeamJICA Study teamEngineer53 M55 T. SharmaNESSEnv. Manager424498952 M		42 R.P. Adhikari			DMD			
44 Shahid PalwezADD, KhinADDLoomaticPark45 Hari Krisna sunion DemocraticNEAService984130342239 M46 Bikash SangraulaKathmanduThe Kathmandu PostJournalist448010028 M47 Anu RajbhandariNEANEAEngineer985103393344 F48 Neera S. PradhanWWF, BaluwatarWWFFresh Water Officer443482035 F49 Resham Raj DhitalDirectorate of Fisher Govt. of NepalChief Prog.435066254 M50 Shreesti ShakyaLazimpatImage ChannelReporter441228324 F51 Birendra K. PathakNEA,KTMNEADirector422532148 M52 Hiroshi MurasigeJICA Study TeamJICA Study teamEngineer40 M53 Hironobu NishimiyaJICA Study TeamJICA Study teamEngineer53 M55 T. SharmaNESSEnv. Manager424498952 M		43 Y. Ozaki		•			-	
45 Hair Kista SLindin DericotationHD-KDericotationHD-K46 Bikash SangraulaKathmanduThe Kathmandu PostJournalist448010028 M47 Anu RajbhandariNEANEAEngineer985103393344 F48 Neera S. PradhanWWF, BaluwatarWWFFresh Water Officer443482035 F49 Resham Raj DhitalDirectorate of Fisher Govt. of NepalChief Prog.435066254 M50 Shreesti ShakyaLazimpatImage ChannelReporter441228324 F51 Birendra K. PathakNEA,KTMNEADirector422532148 M52 Hiroshi MurasigeJICA Study TeamJICA Study teamEngineer40 M53 Hironobu NishimiyaJICA Study TeamJICA Study teamEngineer53 M54 Yoshimasa IshiiJICA Study TeamJICA Study teamEngineer53 M55 T. SharmaNESSEnv. Manager424498952 M								
45 Bikash SahgadaRainhalduFile Rainhaldu fusionStandardStandard47 Anu RajbhandariNEANEAEngineer985103393344 F48 Neera S. PradhanWWF, BaluwatarWWFFresh Water Officer443482035 F49 Resham Raj DhitalDirectorate of Fisher Govt. of NepalChief Prog.435066254 M50 Shreesti ShakyaLazimpatImage ChannelReporter441228324 F51 Birendra K. PathakNEA, KTMNEADirector422532148 M52 Hiroshi MurasigeJICA Study TeamJICA Study teamEngineer46 M53 Hironobu NishimiyaJICA Study TeamJICA Study teamEngineer40 M54 Yoshimasa IshiiJICA Study TeamJICA Study teamEngineer53 M55 T. SharmaNESSEnv. Manager424498952 M								
47Altr RajonandariNEAEngineer443482035F48Neera S. PradhanWWF, BaluwatarWWFFresh Water Officer443482035F49Resham Raj DhitalDirectorate of Fisher Govt. of NepalChief Prog.435066254M50Shreesti ShakyaLazimpatImage ChannelReporter441228324F51Birendra K. PathakNEA, KTMNEADirector422532148M52Hiroshi MurasigeJICA Study TeamJICA Study teamEngineer46M53Hironobu NishimiyaJICA Study TeamJICA Study teamEngineer40M54Yoshimasa IshiiJICA Study TeamJICA Study teamEngineer53M55T. SharmaNESSNESSEnv. Manager424498952M		-						
49 Resham Raj DhitalDirectorate of Fisher Govt. of NepalChief Prog.435066254 M50 Shreesti ShakyaLazimpatImage ChannelReporter441228324 F51 Birendra K, PathakNEA, KTMNEADirector422532148 M52 Hiroshi MurasigeJICA Study TeamJICA Study teamEngineer46 M53 Hironobu NishimiyaJICA Study TeamJICA Study teamEngineer40 M54 Yoshimasa IshiiJICA Study TeamJICA Study teamEngineer53 M55 T. SharmaNESSNESSEnv. Manager424498952 M		•			.			
49 Resident RayDirector Report441228324 F50 Shreesti ShakyaLazimpatImage ChannelReporter441228324 F51 Birendra K. PathakNEA, KTMNEADirector422532148 M52 Hiroshi MurasigeJICA Study TeamJICA Study teamEngineer46 M53 Hironobu NishimiyaJICA Study TeamJICA Study teamEngineer40 M54 Yoshimasa IshiiJICA Study TeamJICA Study teamEngineer53 M55 T. SharmaNESSNESSEnv. Manager424498952 M								
50 Sinteest SharyaLatingatInteger422532148 M51 Birendra K. PathakNEA,KTMNEADirector422532148 M52 Hiroshi MurasigeJICA Study TeamJICA Study teamEngineer46 M53 Hironobu NishimiyaJICA Study TeamJICA Study teamEngineer40 M54 Yoshimasa IshiiJICA Study TeamJICA Study teamEngineer53 M55 T. SharmaNESSNESSEnv. Manager424498952 M		•			-			
51 birefold N. PatriakNEA, KullNEA, KullNEA, KullActivityActivit			,	Ŷ	•			
52 Findshi MutasigeJICA Study reamStor Study reamEngineer40 M53 Hironobu NishimiyaJICA Study TeamJICA Study teamEngineer53 M54 Yoshimasa IshiiJICA Study TeamJICA Study teamEngineer53 M55 T. SharmaNESSNESSEnv. Manager424498952 M						4220321		
53 Filohobu NishimiyaJiCA Study TeamBiCA Study TeamEngineer53 M54 Yoshimasa IshiiJICA Study TeamJICA Study teamEngineer53 M55 T. SharmaNESSNESSEnv. Manager424498952 M								
55 T. Sharma NESS NESS Env. Manager 4244989 52 M		-	•	-	-			
So I. Sharina NESS NESS			•	•	•	4244090	-	
56 Arjun Paudel NESS NESS Environmentalist IV					•	4244909	5	
		oo Arjun Paudel	NEGO	NEGO	LINAUMENCIA			

Program Schedule of First Stakeholder Meeting in Kathmandu

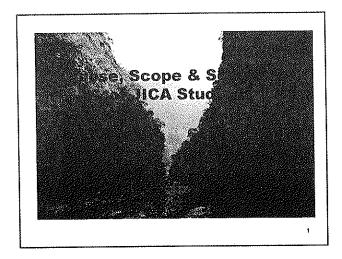
Program Scchedule of First Stakeholder Meeting in Kathmandu

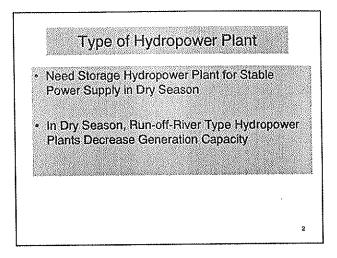
♦ Chairperson: Managing Director, NEA
 ♦ Master of Ceremony: Mr. Satis Chandra Devkota (NEA staff member)

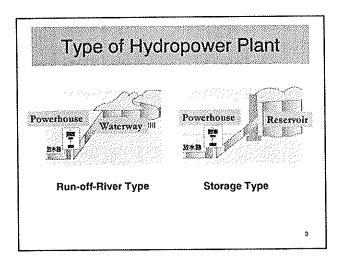
No.	Time	Hrs	Events	Prese	nters
	8:30-9:00	0:30	Registration /Tea		
1	9:00-9:15	0:15	Opening address & Background of the Project	NEA	
2	9:15-9:30	0:15	Review of EIA conducted by NEA	NEA	
3	9:30-9:45	0:15	Overview of the JICA Study (Upgrading Feasibility Study)	JICA Team	Study
		0.20	During the second on the TICA Study	JICA	Study
4	9:45-10:05	0:20	Project Layout under the JICA Study	Team	
-		0.00	TTA Country and larger under the IICA Study	JICA	Study
5	10:05-10:25	0:20	EIA Scoping and issues under the JICA Study	Team	
6	10:25-11:05	0:40	Comments from MOWR, MoEST, MoFSC, DoED and donc	ır	
			agencies		
7	11:05-12:05	1:00	Discussion		
8	12:05-12:20	0:15	Vote of thanks	NEA	
9	12:20-12:30	0:10	Closing remarks	NEA	
10	12:30-13:30	1:00	Lunch		

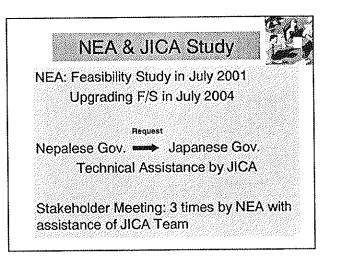
Presentation Material in Kathmandu

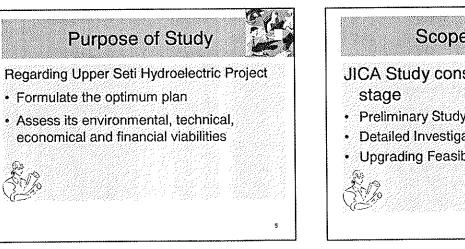
•

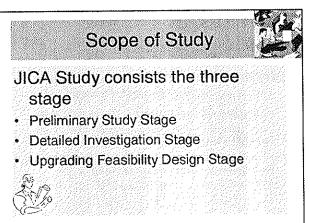


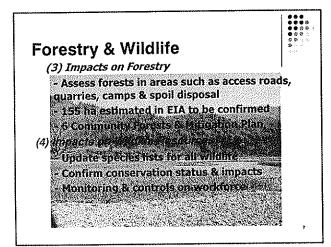


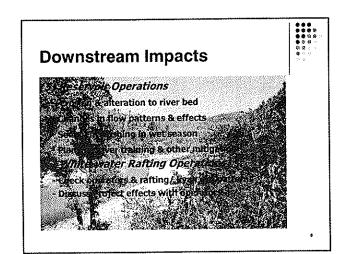


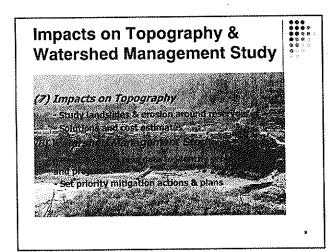


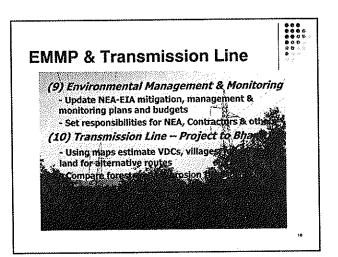


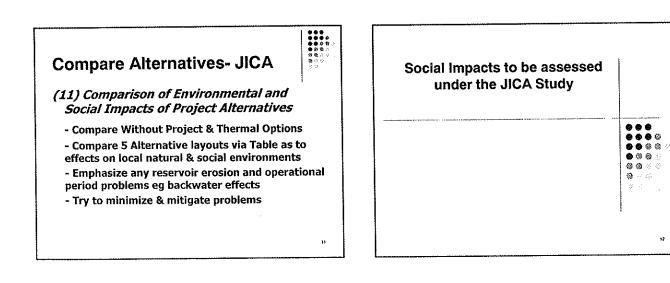


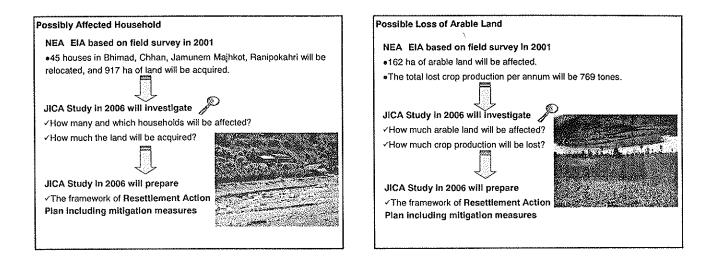


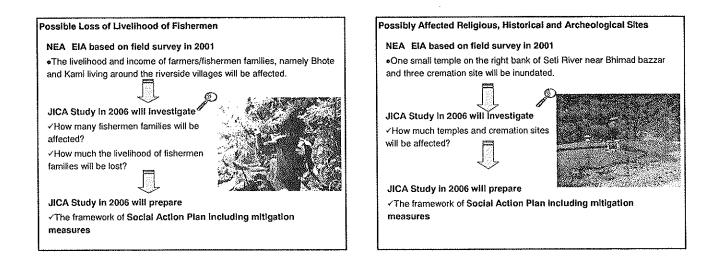


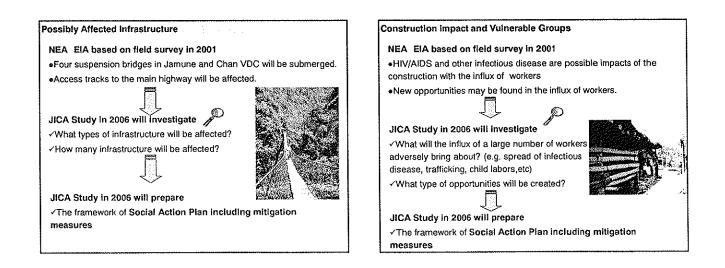












Scope of Study

Preliminary Study Stage

- 1. Review of existing data & information
- Preparation of plan on detailed field survey by JICA Team to supplement NEA's investigations

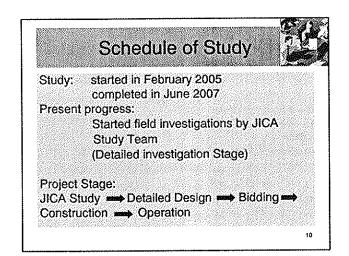
Scope of JICA Study Detailed Investigation Stage Field investigations by JICA Team (Mapping, Geology & Environment) Data analysis on investigation results Environmental impact assessment

Scope of JICA Study

- Upgrading Feasibility Design Stage
- 1. Optimization of development scheme and layout
- 2. Upgrading feasibility design
- 3. Project cost estimation

÷

- 4. Economic & financial analysis
- Conclusions & Recommendations Including justification of the Project & environmental mitigation measures.



JICA Guidelines for Environmental and Social Considerations

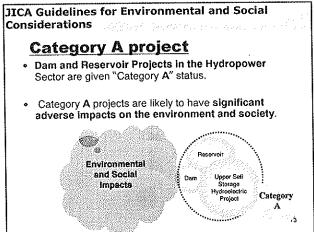
Objectives

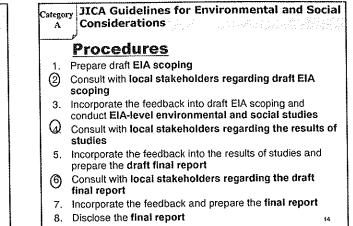
- Encourage the recipient governments to take appropriate considerations of environmental and social factors
- Incorporate the appropriate environmental and social considerations into JICA's cooperation such as Development Studies, Technical Cooperation Projects, Preliminary Studies of Grant Aid Projects

JICA Guidelines for Environmental and Social Considerations

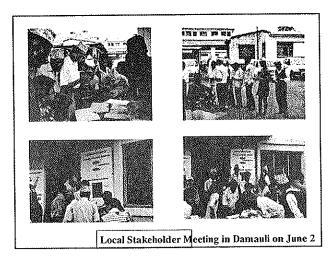
Key Principles

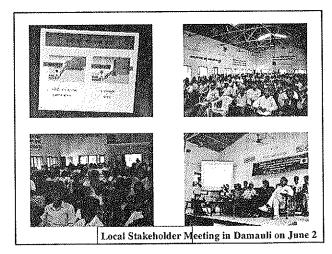
- Consider a wide range of environmental and social impacts
- Address environmental and social factors at early stage of projects
- Ensure accountability and transparency
- Involve stakeholders
- Disclose information on environmental and social considerations

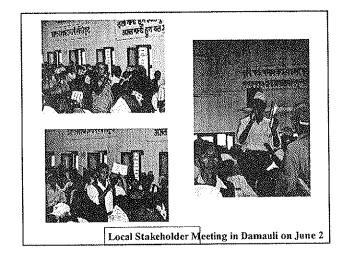


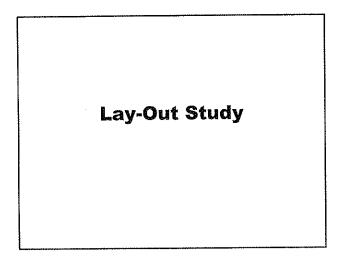


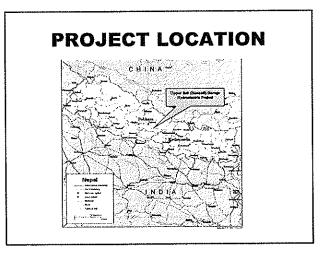
	Tentative Schedule	Venua	(Number of Participants)	Tantative Main Agenda
e í	June 2 Jesth 19	Demauli	Local Paopie Local government Line sgencles NGOs/CBOs	- Stort States in All and a state and
``.	June 7 Josto 24	Kathmandu	Central government Intelisctuate Donor agencies (50)	
Ð	Hovember	Damauši	Local People Local government Line sgencles (2) NGO2/CBOs	Heceasity of the Project Examination of alternatives Loyout and acets of the Project Natural and cocial environment
	November 2008	Kethmandu	Central government Intellectuzie } (50 Donor agencies	Eccentric management and PEnviconment management and resettlement plan
0	February 2007	Demadi	Local People Local government Line agencies HGOs/CBOs	Preliminary design Implementation schedule Project cost and sconomic analysia
	February 2007	Kathmandu	Central government Intellectuals Donor egencies (50	Environmental management and monitoring plans Presettlement plans Compensation for the isnot sociulation

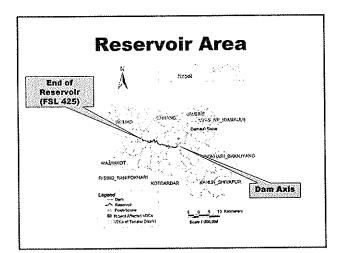


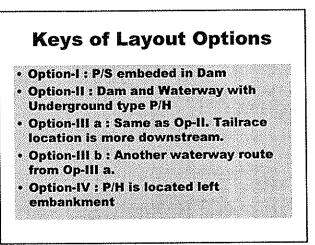


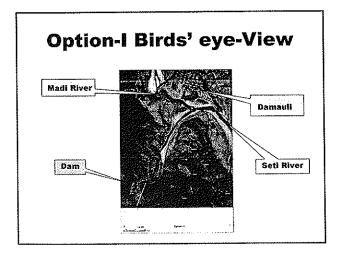


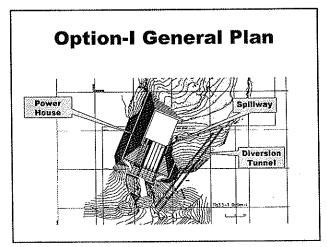


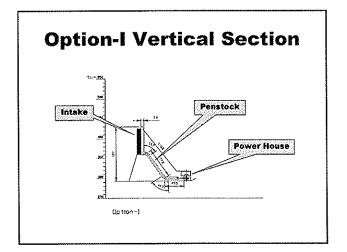


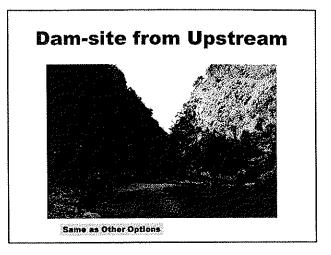


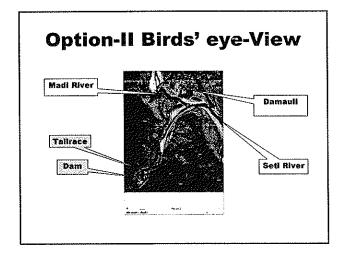


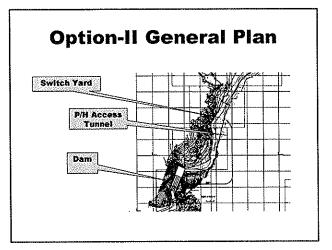


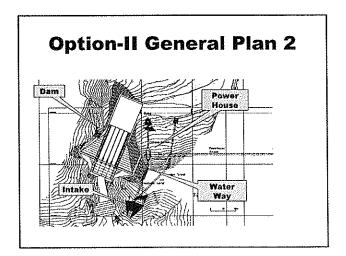


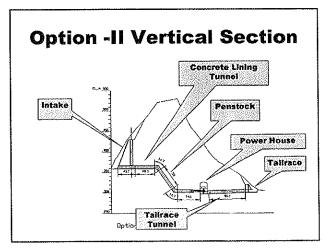


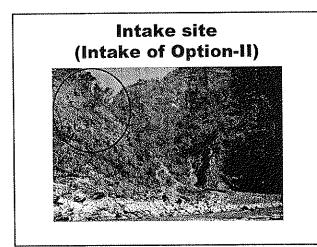


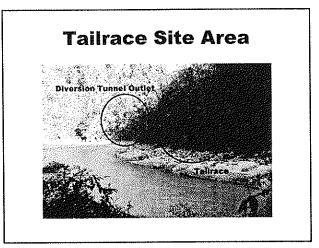


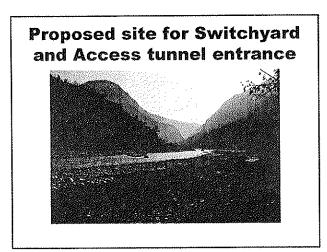


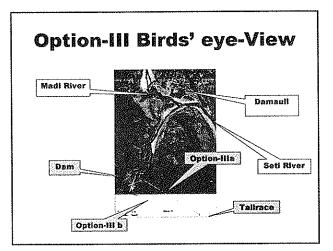


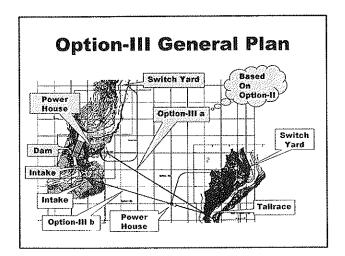


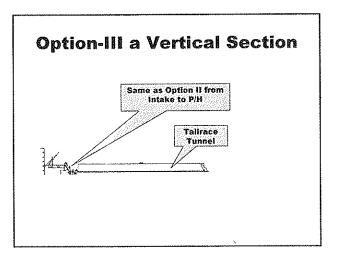


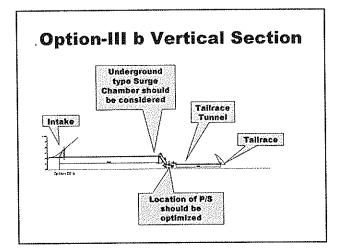


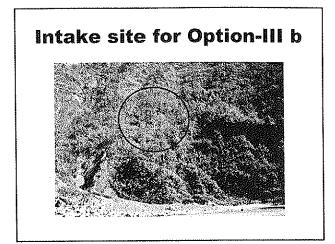


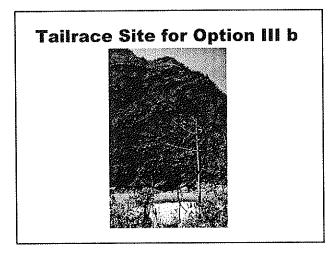




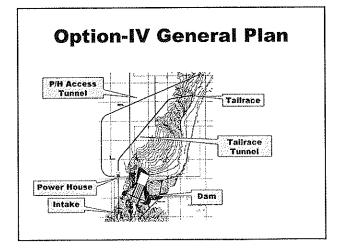


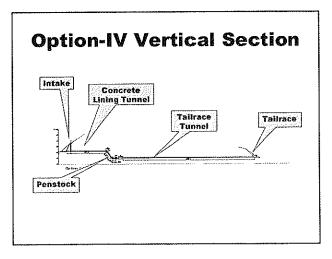


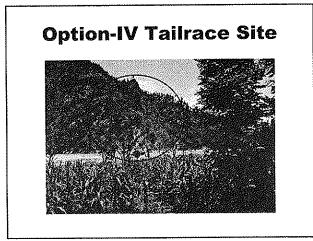




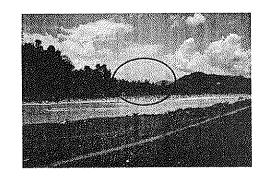


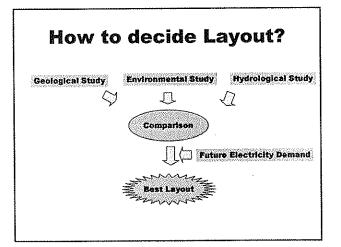


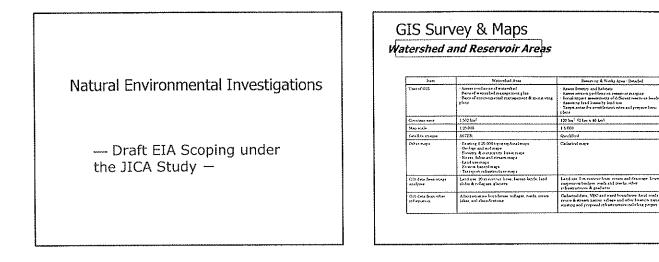


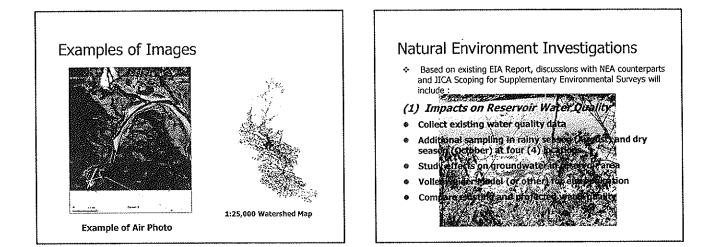


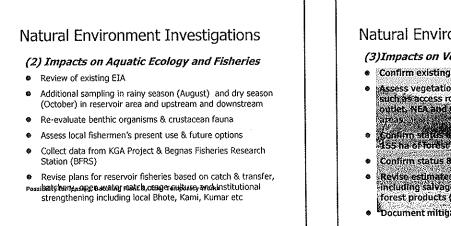
Option-IV Switch Yard Site











Natural Environment Investigations

A Works Ares - De.

(3)Impacts on Vegetation and Forestry

- Confirm existing data and distribution of forests
- Assess vegetation and forest types in ancillary areas such as access roads, borrow and quarry areas, tailrace
- outlet, NEA and Confector company access and areas Conferm states are transmissing confector and Solution states are transmission and solution (Sonferm states are transmission company) and solution 1955 has of forest area estimated in Ele audina
- Confirm status & owners of 6 Community Forest
- Revise estimates of forest losses and mitigation plans, including salvage of forest resources and non-timber forest products (NTFP)
- Document mitigation for protection of forests

Natural Environment Investigations

(4) Impacts on Wildlife Resources

 Undertake research & investigations into riverine species such as birds, amphibians, reptiles & mammals (e.g. otters)

Update the wildlife descriptions of existing EIA

Evaluate associated terrestrial wildlife habitats

Potential impacts of the Project confirming species and extent of impacts, giving due recognition to their conservation & protected status - CITES & IUCN Redlist

Revise and document appropriate mitigation and monitoring plans for all wildlife resources

Emphasize control measures needed for Contractor's employees to protect wildlife resources

Natural Environment Investigations

(5) Downstream Impacts of Reservoir Operations

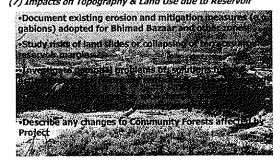
- Study affects due to waste disposal during construction Assess validity of proposed downstream competition stass impact on erosion & alteration to rivers immerced comes due to pony site of the second states of the second
- ason flushing of jugation actions for downstra the works and propose the me

Natural Environment Investigations

(6) White-water Rafting Operations

- Confirm the exact number of operators and patterns for affected sector of Seti River
- Specify differences in use of Seti River downstream of æ Damauli to Devighat and any use of Project area
- Inform the operators for the proposed stakeholders meetings
- Discuss any mitigation measures with Nepal River Conservation Trust (NRCT), which is the "white-water rafting organization" and others



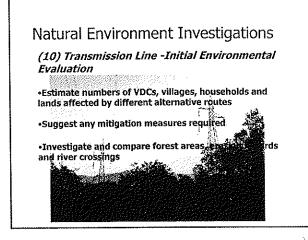


Natural Environment Investigations (8)Watershed Management Study Investigate overall features of the Seti River watershed using GIS maps and other data (e.g. Annapurna Conservation Area)

- thereity, ecologically sensitive area and prioritize these thereity area and document appropriate protection and documents of a case a consistence of a sensitive document existing and proposed minimum review and document existing and proposed minimum ned; focused on areas and? 10. Sec.

Natural Environment Investigations (9) Environmental Management & Monitoring 20**2907** Xee under fo nitioniton, menatement a ETA Add Supplemental items re requiremental lement mor Recommend long tarm program to a management & monitoring and indica responsibilities

S. 2. 5 Update & revise by 2-ЯČ.



Natural Environment Investigations

- (11) JICA Guidelines Comparison of Environmental & Social Impacts of Alternatives Examine the "Without the Project" and the "Thermal Option"
- Compare five (5) alternatives of layout and comment on preferred alternative ۲
- . Compare main natural environmental effects ÷
- Compare numbers of affected households with various options and related main social effects <8•
- Review and highlight all social impacts of reservoir erosion and any "backwater effects"



Social and Environmental Investigations

—Draft EIA Scoping under the JICA Study—

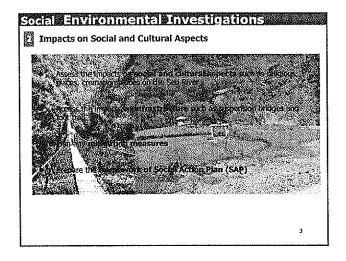
1

5

Social Environmental Investigations

Involuntary resettlement

- Estimate Affected Persons (AP) in detail by using GIS data based on 1/5000 scale digitized map
- Undertake field surveys regarding the socioeconomic status of AP
- Study compensation for resettlement effects including specification of houses, assets, area of land, infrastructure and livelihood
- Suggest candidate resettlement areas based on GIS study and field surveys
- Refer to ADB policy on Involuntary Resettlement and other relevant cases of resettlement in Hydro Electric projects and other projects of Nepal
- Prepare the framework of Resettlement Action Plan (RAP)'s 2
 program in accordance with JICA guidelines



Social Environmental Investigations

Impacts on Vuinerable Groups

- Assess the adverse impacts of construction with the influx of workers on vulnerable groups - Dalits, ethnic minorities, women and children. The adverse impacts include girls trafficking/prostitution, child exploitation, communicable disease and so on.
- Assess the new opportunities such as new employment and business opportunities
- Plan mitigation actions for these vulnerable groups
- Prepare the Social Action Plan (SAP) considering the necessary requirements of such an Ethnic Minorities Development Plan (EMDP)

Social Environmental Investigations

Downstream Impacts due to Release of the Water

- Assess the impacts of the downstream area due to discharges during peaking operations of power generation
- Confirm any impacts on the Damauli Municipality population living near the Seti River bank
- Confirm the impacts on the white-water rafting and kayaking business
- Suggest the mitigation measures such as a siren warning system, fencing, or appropriate community action programs, if required

Social Environmental Investigations

6

- Transmission Line Route
- Undertake Initial Environmental Examination
- Estimate numbers of VDCs, households and lands affected by different alternative routes
- Suggest any mitigation measures required

Social Environmental Investigations

- Framework Environmental Management Plan (EMP)
- Summarize the natural and social environmental impacts of the Project based on the review of existing EIA and the findings of the Study
- Revise mitigation and enhancement measures for natural and social environmental impacts including estimated budget
- Revise and update the environmental monitoring plan on natural and social environmental impacts
- Clarify the roles and responsibility of proposed "Upper Seti Environment Unit" to implement the environment management plan
- Prepare the framework of the Environmental Management Plan
 (EMP) including updates of the Project

7

Social Environmental Investigations

- Comparison of Social Impacts of Alternatives
- Examine the Without Project and the Thermal Power Generation Option
- Compare five alternatives of layout and scale of operations, full supply levels and comment on preferred alternative
- Compare numbers of affected households with various options
 and related main social effects
- Review and highlight all social impacts of reservoir erosion and back water effects

8



Minutes of First Stakeholder Meeting in Kathmandu

,

.

Minutes of First Stakeholder Meeting in Kathmandu

Project: Upper Seti Storage Hydroelectric Project Venue: Hotel Malla, Lainchaur, Kathmandu, Nepal Date: June 7, 2006 Time: 9:15 hrs

The first stakeholders' consultation meeting on the proposed upper Seti storage hydroelectric project under the upgrading feasibility study initiated by the JICA study team was held on 7^{nd} June 2006 in Kathmandu. The meeting was attended by about 60 people representing from different sectoral ministries, donor agencies, non-government organizations, members of parliament, and professionals from project area and people from different walks of life (*Annex 1*).

Mr. Satish Chandra Devkota, Economist, Environment and Social Studies Department of Nepal Electricity Authority was the Master of Ceremony. Mr. Devkota invited following guests to take their seat in the dais.

Mr. Bhoj Raj Regmi, General Manager, Engineering Services, NEA (Chairperson)
Mr. Ramchandra Poudel, Member of Parliament, Tanahun (Chief Guest)
Mr. Govinda Raj Joshi, Member of Parliament, Tanahun (Guest)
Mr. Tuk Raj Sigdel, Memebr of Parliament, Tanahun (Guest)
Mr. Amar Raj Kaini, Former Memebr of Parliament, Tanahun (Guest)
Mr. Uttar Kumar Shrestha, Acting Managing Director, NEA
Mr.Shiv Chandra Jha, Director, Environment and Social Studies Department, NEA
Mr. Yoshimasa Ishii, JICA Study Team, Team Leader

The meeting was chaired by Mr. Bhoj Raj Regmi, General Manager, Engineering Services, Nepal Electricity Authority and the chief guest was Mr. Ram Chandra Poudel former Deputy Prime Minister and the Member of Parliament, Tanahun. The meeting proceeded with dissemination of project information and findings of the past studies including environmental impact assessment study conducted by Nepal Electricity Authority and the proposed activities under the upgrading feasibility study to be conducted by the JICA study team followed by deliberations from high dignitaries, open floor discussions, questions and answers with clarification.

Brief account of the deliberation by key persons from the dais is presented below:

Mr. Uttar Kumar Shrestha, Acting Managing Director, Nepal Electricity Authority, is his welcome remarks briefed on the present hydropower generation capacity and informed that 80 percent of the total electricity generation is from hydropower project in Nepal. He highlighted the presently available electricity quantity and compared with the demand and load shedding situation in the country. Mr. Shrestha pointed that the decrease in the power generation during the dry seasons from run-of-the-river power projects has compelled NEA to think and develop a storage type hydropower project, which could augment the short of supply of electricity during the dry seasons of the year. He also

mentioned that after Kulekhani no other hydropower projects are of storage types in Nepal. In this context, the proposed upper Seti storage hydroelectric project seemed to be attractive one. In the year 2001 NEA identified the project and conducted a feasibility study. Based on the study findings, Government of Nepal requested Government of Japan to provide assistance for developing the project in the year 2004. The Government of Japan kindly consent the request of Government of Nepal and initiated upgrading feasibility study of the project through the mobilization JICA study team. He informed that the upgrading feasibility study will be completed by mid of 2007 and hoped that the project will be commissioned in due course of time. Mr. Shrestha is his remarks also pointed out that NEA is very desirous to expand the power distribution by increasing power generation capacity in the country. He advised the study team to incorporate the suggestions made by stakeholders in their study which in his opinion will help to develop a technically feasible, cost effective and socially and environmentally sound project.

Mrs. Annu Rajbhandari, Environmental Engineer, Environment and Social Studies Department, Nepal Electricity Authority presented salient features of the project and environment impact assessment study findings based on the study conducted by Nepal Electricity Authority during the feasibility study phase in 2001. She highlighted on the study area, EIA process adopted, basis of classification of project areas for environmental impact identification and assessment and significant environmental impacts both positive and negative ones to be emerged by the implementation of the project. She categorically briefed on impacts with regard to physical, biological and social, economic and cultural environments and also mentioned on the proposed mitigation measures to minimize and/or to eliminate the environmental impacts. Mrs. Rajbhandari also pointed out on the environmental management plan recommended for implementation by the study during the presentation of the study findings. She assured that the study conducted by NEA in the year 2001 is in compliance with Environmental Protection Act 2053 and corresponding regulations. However she further emphasized on the need for additional indepth studies with regard to the impacts due to impoundment especially in critically areas and settlements around the reservoir area. Presentation of Annu Rajbhandari is annexed as Annex 2.

Mr. Yoshimasa Ishii, JICA Study Team, Team Leader and *Ms. Toshiko Shimada*, Sociologist, JICA Study Team jointly presented the overview of the JICA study and described on the scope of work, objectives and the proposed time period to conduct the upgrading feasibility study of the proposed hydroelectric project. The presenters described on the type of hydroelectric project viz. impoundment and the run-of-the-river type and mentioned on the relative advantages amongst different type of hydroelectric projects.

During the deliberation Mr. Ishii mentioned on the study conducted by NEA in the year 2001 and the request made by the Government of Nepal to the Government of Japan to carry out upgrading feasibility study. Following the request of Government of Nepal, Government of Japan under the technical assistance of JICA initiated upgrading feasibility study through the mobilization of the study team in 2004. During the study period three numbers of stakeholders' meeting at the local and central levels each shall be

conducted by NEA. Mr. Ishii pointed that the objective of the present study is to assess and evaluate the project options in terms of environmental, technical, economic and financial aspects and come up with the best project alternative for implementation. He mentioned that the JICA study will accomplish the study in three different stages with the activities to be undertaken under each of the stages. Three different stages of study include preliminary study stage, detailed investigation stage and upgrading feasibility study stage. Mr. Ishii also mentioned the time period required for the study and the stages to be followed before the initiation of implementation activities under the project. He informed that the present study is scheduled to complete by mid 2007.

Ms. Shimada focused her presentation on the JICA guidelines for environmental and social considerations and provisions of the JICA guidelines. She also briefly mentioned on the objectives, principles and procedures to be adopted for carrying out the studies for the proposed project. Presentations of both experts of the study team are annexed as *Annex 3*.

Mr. Murasire, Project Engineer, JICA Study Team, described on four different alternatives of the project layout considered during the study. The alternatives mainly vary with different configuration of power house, intake structures, penstock, tunnel, tailrace and switchyard. As per the proposition third alternative consists of two options with one option each for the remaining ones. He mentioned that the findings of geological, environmental and hydrological studies will be the basis of comparison to decide the best option project layout. Presentation of Mr. Murasire is annexed as *Annex 4*.

Mr. Jack Procer, Environmentalist and *Ms. Toshiko Shimada*, Sociologist, JICA Study Team presented on details of investigations to be carried out with regard to the natural environment and social environment under the upgrading feasibility of the upper Seti storage hydroelectric project. Both the presenters presented on methodologies of study to be adopted during the accomplishment of the assignment.

Mr. Jack Prosser briefed that the investigation will focus on aspects that help to predict impacts on reservoir water quality, aquatic ecology and fisheries, vegetation and forestry, wildlife resources, topography and land use due to reservoir, downstream impacts of reservoir operations and white-water rafting operations. He also mentioned that the present study includes watershed management as well. Mr. Procer said that an environmental management and monitoring plan will also be formulated and recommended for implementation. Meanwhile he also mentioned that study will cover initial environmental examination level study on transmission line for a stretch of Damauli to Bharatpur. In addition the study will include a comparative assessment of environmental and social impacts for different alternatives considered during the design of the project.

Ms. Shimada presenting study methodology with regard to social and environmental investigations, mentioned that areas to focus during the period of study include involuntary resettlement, social and cultural aspects, downstream impacts due to release of water and impacts on vulnerable groups. During the period social environmental

investigations on transmission line will also be carried out to the extent as mentioned under the natural environment investigations. An environmental management plan will be framed and recommended for implementation. As of the natural environmental investigations, social aspects study will also include a comparative assessment for different alternatives.

Mr. Amar Raj Kaini, Former Member of Parliament, Tanahun, highlighted on the national hydropower generation potential and generated capacity till present. He mentioned on the need to provide electricity facility to the rural inhabitants, which is not being covered yet. Mr. Kaini reiterated on the fact that after the restoration of democracy in 1990, the government provided high priority in infrastructure sector and made significant progress in this regard. But due to political obstruction in the recent years the pace of development was slowed down. In the recent changed context, he was of the opinion that the pace of infrastructure development will again get momentum. Hydropower projects will impart both positive and negative environmental impacts. But the positive environmental impacts will overweigh the negative ones. He suggested the study team to find a combination of project components in such a way that the negative environmental impacts will be kept at minimum level simultaneously by maximizing the positive ones. He further suggested to workout a realistic plan which will not lead for cost and time over run of the project. He assured to provide full support for the implementation of the project. Lastly, Mr. Kaini thanked the organizer for inviting and providing him an opportunity to say few words about the project.

Mr. Tuk Raj Sigdel, Member of Parliament, Tanahun in his deliberation also pointed to the national hydropower generation potential and the generated capacity till date. He cited the electricity load shedding situation and pointed on the importance of early implementation of the proposed project. He said that the feasibility study phase of project preparation is very vital and the study team is required to com up with a realistic plan which emerges minimum degree of variation during the period of implementation of the project. He reiterated to the need of rural electrification and to provide electricity facility to the people residing in rural settlements of the district. Past experience shows that the locals have not been benefited to the extent that could have been provided by the project. He also suggested interacting with the local people and getting feedback in order to address their concerns and feelings. He also asked the study team to take into account on grazing land, agricultural land and the relocated people and make provision for alternative mitigation measures. Mr. Sigdel pointed on the potential impacts of GLOF, and earthquake to the dam structure and siltation problem in the reservoir also. He also assured full support for the implementation of the project and thanked the organizer for inviting and providing an opportunity to put his ideas and views with regard to project implementation.

Mr. Govinda Raj Joshi, Member of Parliament, Tanahun, expressing his views mentioned that the common people do not understand the feasibility study and other project preparation activities. However they understand project operation in totality. He also highlighted the total power generation potentiality in the country and the present situation of total power generation. Owing to the national power generation capacity, ever

increasing electricity demand and uncovered rural area with the facility he commented that the proposed project development will be highly useful in the sector. He emphasized on the need to maximize the benefit to the local people by the project. Mr. Joshi cited examples of the past and on-going hydroelectric projects especially Kaligandaki-A and middle Marsyangdi with cost and time overrun scenarios and requested the study team to conduct detailed study, which ensures minimum and/or no variations during implementation in the proposed project. During the deliberation Mr. Joshi questioned that why we have not been able to generate electricity at low price adopting cheaper alternative means. He also suggested to draw the real benefit to the local people. These are the areas which in his opinion needs further discussion and requested the team to do so during the period of study. Study findings should prove that the alternative chosen is the best and realistic amongst the alternatives considered. He reiterated that the distribution of revenue should not be limited to the paper only. The distributed revenue should be used for meeting the demands of local people. Mr. Joshi also mentioned that only completion of the project will not fulfill our problem. We need to think for equitable distribution as well. The major thrust of the study needs to be laid on formulating a cheap project, which provides maximum benefit to the local people. Mr. Joshi requested the study team and NEA to develop a model project and assured to support on his behalf as a resident and representative of Tanahun. He also thanked the organizer for inviting in the meeting and providing him an opportunity to say something during the meeting.

Ms. Neera Shrestha, Pradhan, Representative from WWF, Kathmandu Office, raised some environmental concerns with regard to project development and operation. As presented before, it's a category A-type dam under the JICA environment guideline. It is denoted that the environmental impacts will not be limited to only socio economic impacts but also the project will impart impacts on biodiversity. The study team is requested to take account seriously on biodiversity especially on fish species and other biodiversity related matters during the study period. She also pointed that WWF is not against development however she opined that both development and environmental concern should be taken hand-in- hand. She emphasized on the need of implementation of mitigation measures also. She also mentioned to the need to use revenue on environmental management. She expressed best wishes for the successful implementation of the project.

Dr. Jagadish Chandra Pokharel, sharing his experiences, pointed that we the professionals are very good in collecting data and information however we normally do not emphasize on analysis part seriously. He suggested the study team to be equally serious on analysis and interpretation on impacts envisioned due to the implementation of the project. He cited examples on settlement and associated factors with it. Again he requested to review the lessons learned from the past project and incorporate the ones that have been really been fruitful. He emphasized the need for timely compensation to the project affected families and those people who lose their occupation. Dr. Pokharel also suggested the study team to read the audit reports of earlier EIAs that may help to develop realistic EIA report in this project. Focusing of the reservoir area he mentioned that due to fragile geological conditions bank erosion will be significant. He pointed out that Bhimad area seems to be more vulnerable and needs to be addressed especially. He

also mentioned to the need of mitigation measures to minimize impacts on migratory fishes as well. Dr. Pokharel also mentioned that the area is very rich in culture. Especially Magar and Bote ethnic groups are very rich culturally and he requested the study team to provide sufficient time to deal in detail in such issues and come up with pragmatic measures in order to minimize the degree of environmental impacts. Dr. Pokharel suggested the study team to treat issues related to children and old aged people separately. He also reiterated to keep the cost at the minimum level as possible. He thanked NEA and JICA study team for inviting him in the meeting and providing an opportunity to express his ideas and views in the meeting. Dr. Pokharel expressed good wishes for successful implementation of the project.

Mr. Satish Chandra Devkota with the permission of the chairperson opened the floor for discussion.

Mr. Reshmi Raj Dhital, Fishery Expert, Fishery Development Office, Balaju, Kathmandu, doubted on the number of fish species reported in the report is low. In his opinion fish species should be more than 32 in numbers and he said that the number of species varies with the change in season. He requested to conduct studies seriously and also pointed to the need of in-depth study as the river stretch belongs to the fish gene-bank. He reiterated that fish hatchery simply will not be enough and he pointed to make provision of regular outlet for fishes in the river.

Mr. Shiva Dhaudel, Representative Ministry of Agriculture and Cooperatives, put his concern on the additional environmental issues raised under the present studies and incorporation of them in the previous EIA study report that is about to get approval from MOEST. He also pointed out that the discussions could have been more fruitful presenting the issues raised by the local stakeholders during the local level consultation meeting by the organizer.

Following the discussion, Mr. Satish Chandra Devkota, master of ceremony with the permission of the chairperson requested to Mrs. Rajbhandari and the members of JICA study team for clarification in issues raised by the participants.

Mrs. Annu Rajbhandari clarified that environmental impact assessment study conducted by NEA is in accordance with the provision of Environmental Protection Act 2053 and corresponding regulation whereas the present study is being undertaken under the provisions of the JICA guidelines. She assured that the comments made on the draft EIA report submitted to MOEST for approval will be incorporated as per the requirements.

Dr. Toran Sharma, Team Leader, Local Consulting Team clarified issues raised with regard to fisheries and relocation of affected households and assured to consider issues raised by the participants during the period of study.

Ms. Toshiko Shimada Sociologist, JICA study team, presented a summary of issues raised at Damauli consultation meeting. She appreciated the issues raised by the participants and assured them to consider during the study.

After clarification on issues raised by the participants, Mr. Devkota invited the chief guest for his deliberation.

Mr. Ram Chandra Poudel, the Chief Guest, Member of Parliament, started his deliberation offering thanks to the organizer for inviting him and providing him an opportunity to say something with regard to the proposed project. Mr. Poudel, in his remarks mentioned that after the political change in the country the situation has changed and everyone needs to be changed. He requested to control the cost on unnecessary items and keep the project cost to the minimum extent. He also assured that there will be no unnecessary demand with the contractor from the local stakeholders during construction period. He pointed that the cost on construction of luxurious residences and procurement of vehicles can be substantially reduced. He further stressed that the quarter could be rented out in stead of constructing for a short period of time.

He said that the proposed dam site is very appropriate for hydropower generation as it is very narrowed with sparse settlements and less agricultural land area. Bhimad Bazaar is the only densely populated area in the project vicinity and needs protection. Mr. Poudel requested the donor to focus study that support to generate hydroelectricity at cheaper rate. During his deliberation he also pointed out the problems of local people that need to consider during the study. For fish protection and development he suggested using Phewa Lake and Madi River. But he cautioned that the destructive fishing (explosives and electric shocks) needs to control for sustaining fishes in natural water bodies.

Mr. Poudel suggested to maintain transparency and communication with the people and requested the proponent to regularly interact and disseminate study findings and other project related matters to the stakeholders. Any deficiency in transparency and communication, the people will take action to the defaulters. He assured that after the successful completion project personnel will be felicitated nationally as well as locally. He welcomed the donor in their area and assured full support on behalf of the local stakeholders. Mr. Poudel suggested make provision for free flow of vehicular traffic from dam site in order to provide facility of transport and to mitigate effects envisioned due to the inundation of trail bridges presently located at different locations due to impoundment. Lastly he expressed best wishes for the successful implementation of the project and the participants of the meeting.

Mr. Shiva Chandra Jha, Chief Environment and Social Studies Department, Nepal Electricity Authority delivered the vote of thanks to all participants including the chief guest, Members of Parliament, former Member of Parliament, representatives of donor agencies, government agencies, non-government agencies and participants. He informed that the stakeholder meeting is the first and will be followed by two more meetings each at local and central levels in the future. He also thanked for the active participation of the participants and hoped to be continued in the days to come during the project preparation and implementation phases of project development.

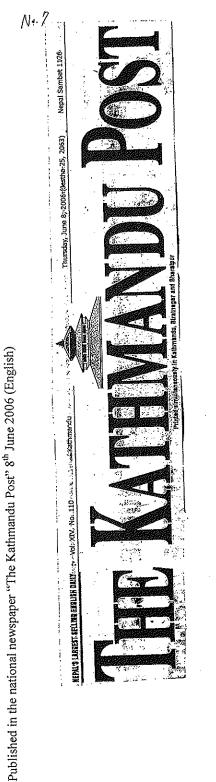
Mr. Bhoj Raj Regmi, the Chairperson, General Manager, Engineering Services, Nepal Electricity Authority in his concluding remarks briefed the project background and the need of the project in the present context. Mr. Regmi informed that the upgrading feasibility study of the project will be completed by early next year. He briefly mentioned on the type of the project and the volume of storage reservoir. He described on the type of artificial reservoir and storage capacity. He told that the proposed storage hydropower project is after Kulekhani project which was also built with the assistance of JICA. The total storage capacity of the reservoir will be of 331 million m³ which greater than the capacity of Kulekhani reservoir (70 million m³). Mr. Regmi informed that the EIA study report is already submitted to the Ministry of Environment, Science and Technology for approval and is in a process of approval.

Mr. Regmi during his deliberation informed the participants that the JICA study team will prepare the upgrading feasibility study of the project and is scheduled to complete by mid of 2007. He informed that two more consultation meetings each at the field and central level will be conducted during the study period. He expressed the view that the discussions are very useful and assured that the issues raised here in the meeting will be considered by the study team. Mr. Regmi thanked and expressed his gratitude to all the participants for their participation and cooperation extended in the meeting and hoped the same level of cooperation in days to come. Lastly he extended his sincere gratitude to JICA for providing assistance to conduct upgrading feasibility study of the proposed project. Media Coverage of First Stakeholder Meeting

.

.

	No. 6	Sydro project Sydro project Ille from lie resettied, princh of morey and corruption must be resettied, project of morey and corruption must be frequentiated project. Tryear: This of Nepali Congress, suid that the project of the project of the provide fight and anothing their socio-scionation or in provide fight and the provide fight and the post. He added resetting the the provide fight and anothing their socio-scionation or in provide fight and the provide fight and the post. He added the provide fight and the post in a provide fight and anothing their socio-scionation in a so a local provide fight and the post. He added for a socio-scionation in a so a local provide fight and the post in a provide fight and a do do the provide fight and the post of the post in a provide fight and the post of the provide fight and the post of the provide fight and a do do the provide provide fight and the post of the post field statistic of the post of the provide provide fight and the post of the provide fight the changed we chain and the post of the provide provide fight and the provide fight the changed we chain and the post of the provide fight the changed we chain and the provide fight the changed we chain and the post of the provide fight the changed we chain and the provide fight the changed we chain and the post of the provide fight provide fight and the provide fight and the provide fight the environmentat a speck with the provide fight and t
		Seti hydra material for the form the two material for the form the two material for the two m
	(isi)	CHRISS WAXDOOD SCCOLSEN SERVISE
lder Meeting	ising Nepal" 8 th June 2006 (English)	HEALTHE & 2005 MODELLES UDGELTE 25.2063. Nopal High Course of the second of the sec
		HIT FILTE BISCONTINUE SUPPORT POVERTY Colla Installed C 614 MW as of 1 Hydropower's soft Hydropower's soft approximately a period (1995-32) hydropower Noepal's hydro Noepal's hydro Noepal's hydro Coll Margalia by be Stortage of pow Hennes, NEA has be soft period in th The study atims of the project. T commenced in the completed by
Media Coverage of First Stakeho	Published in the national newspaper "The R	By Our Correspondent By Our Correspondent ArtTHMANDU, June 7: First KATTHMANDU, June 7: First KATTHMANDU, June 7: First fragteriolity study of the Upper Seit Dunauil) Storage Hydroelectric Project was jointly organised by Nepal Electricity Authority (NEA) and Japan International cooperation. Agenoy (JICA) Wednsaday. NEA conducted studies on storage type hydroelectric Project as a disentified Upper Seit (Damauil) Storage Hydroelectric Project as a propering the 122 MW espacity fagan to implement an upgraded feasibility study under the technical assistance of IICA. Recognising the 122 MW espacity in Seit River situated in Tanahun district of westen devolopment region. Upgrading Feasibility Study was conducted in the year 2005. The estimated cost of the project was 5 215.13 anilion.



 KATHMANDU, June 7 Uar of NZA's rEnvironment, as there is only one storage freez. A team of Japan mut as social study operating the social cooperation. Department, suld the gover country, which, was also international cooperation. Department, suld the gover country, which, was also there are also international cooperation between the project. Xultipude frameword and the project is social frameword by the project is social with the project frameword by the project is social to be project in the project is social frameword by the project is social to be project in the project frameword by the project is social to be project in the project is social to be project with the social to be project in the project is social to be project in the project is socis to be project in the project is the project is social to b J-Set feasibility study JICA conducts of river or storage - NEA has been pushing for the latter Addressing the meet. Shiva Chandra Jha, direc-

2