



AsCAP
Asia Community Access Partnership



Knowledge Generation in the Rural Transport Sector in Nepal

Workshop Proceedings



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Alliance Nepal
Alliance for Social Mobilization Pvt. Ltd.



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**Ms. Kunti Kumari Shahi, Honourable State Minister of MoFALD -
Inaugurating the Workshop – 12 April, 2016**

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1 ABSTRACT

ReCAP is working in close collaboration with Department of Local Infrastructure Development and Agricultural Roads (DoLIDAR). It is the government entity responsible for all rural access related programmes in Nepal. Some priority projects were identified and undertaken and some are in the process for implementation. Some initiatives undertaken have been the Participatory Roadside Protection of rural roads; Measures for controlling dust pollution in low volume gravel roads; and improving accessibility through construction of sustainable bridges in hilly regions.

The one-day workshop was held to share ongoing and planned initiatives. There were four major presentations were on research findings on Participatory Roadside Projection; Project scenario at present; Knowledge Management and Capacity Building; and Future plan. The workshop also collectively identified some research projects for the future. Propositions were: (1) Capacity Development of DoLIDAR and major stakeholders for research and uptakes, (2) Coordination among major stakeholders for research works, (3) Environment Protection, (4) Upgrading and maintenance of existing roads from technical and financial perspectives, (5) ReCAP Strategies for Nepal, (6) Research on bio-engineering elements, (7) Research on Resettlement policy, norms and patterns, (8) Restriction on the construction of non-engineered Roads, (9) Road Safety, (10) Establishment of an well-functioning Research Center in Nepal.

Key Words: ReCAP in Nepal; Participatory Roadside Protection of rural roads; Road Safety; Non-Engineered rural roads; Knowledge management; Research Plans

ASIA COMMUNITY ACCESS PARTNERSHIP (AsCAP) *Safe and sustainable transport for rural communities*

AsCAP is a research programme, funded by UK Aid, with the aim of promoting safe and sustainable transport for rural communities in Asia. The AsCAP partnership supports knowledge sharing between participating countries in order to enhance the uptake of low cost, proven solutions for rural access that maximise the use of local resources. AsCAP is brought together with the Africa Community Access Partnership (AfCAP) under the Research for Community Access Partnership (ReCAP), managed by Cardno Emerging Markets (UK) Ltd.

See www.research4cap.org

ACRONYMS

AsCAP	Asia Community Access Partnership
DDG	Deputy Director General
DFID	Department for International Development
DG	Director General
DoLIDAR	Department of Local Infrastructure Development and Agricultural Roads
GoN	Government of Nepal
IoE	Institute of Engineering
LRN	Local Road Network
MoFALD	Ministry of Federal Affairs & Local Development
NPC	National Planning Commission
NTRCL	National Transportation Research Centre and Laboratory
ReCAP	Research for Community Access Partnership
RoW	Right of Way
RTISWAP	Rural Transport Infrastructure Sector Wide Approach
RTM	Regional Technical Manager
SBD	Suspension Bridge Division
SCAEF	Society of Consulting Architectural and Engineering Firms
SDE	Senior Divisional Engineer
SW	Scott Wilson Nepal
TRC	Transport Research Center
UK	United Kingdom
UKAid	United Kingdom Aid
VDC	Village Development Committee

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2 Background

The Asia Community Access Programme (AsCAP) is a programme of research and knowledge dissemination funded by the UK Government through UKAid. The aim of AsCAP is to promote safe and sustainable rural access in Asia through research uptakes and sharing between participating countries and the wider communities.

For the preparation to launch AsCAP activities in South Asia, a 2-day regional meeting was held on 06 and 07 April, 2015 in Nepal with an objective to raise awareness about AsCAP and discuss the way forward for implementation.

Research for Community Access Partnership (ReCAP), a part of AsCAP in Nepal, has been collaborating with the Department of Local Infrastructure Development and Agriculture Roads (DoLIDAR) to undertake rural transport related research works. At present, the following initiatives have been undertaken:

- Participatory road side protection of rural roads
- Measures for controlling dust pollution in low volume gravel roads
- Improving accessibility through construction of sustainable bridges in hilly regions

The research work on "Developing a participatory approach for road side protection of rural roads in Nepal" has just been completed by Helvetas Swiss Intercooperation Nepal. ReCAP is in the process of procuring services for other two research projects. Meanwhile, ReCAP has been open to the needs and requests being furnished by DoLIDAR for additional research and capacity development projects. One of the major components of the workshop was also to collectively identify pragmatic project-activities for the future.

In this context, a one-day workshop was held on 12 April, 2016 in Kathmandu to share the ongoing and planned initiatives of ReCAP. The workshop was organized by DoLIDAR in the presence and participation of many relevant stakeholders from public/private institutions and also those involved in the research works (refer Annex 1 - List of participants).

3 Objectives of the Workshop

The objectives of the workshop were:

- to present the findings of the scoping research on "Developing a participatory approach for road side protection of rural roads in Nepal" and collect feedback for possible implementation initiatives,
- to review programmes of the current phase,
- to identify possible project for the future, and
- to assess the possible results from "Knowledge Management and Knowledge Transfer" in sustainable applied research works in Nepal.

4 Workshop Process

Dr. Chandra B. Shrestha, Regional Technical Manager (RTM) of AsCAP was the designated officer to coordinate and organize the workshop. He initiated overall tasks including consultation on the process including selection of methods for creating consensus for the recommendations and decisions (in consultation with the facilitator). Prior to the workshop, some consultative meetings were held between DoLIDAR officials, RTM and the facilitators to decide on who/how should the dignitaries be invited, specific steps, finalizing the agenda, role clarity, process clarity and so on. The detailed workshop agenda is presented in Annex 2.

Following methods were used during the workshop for clear, concrete and concise deliberations, discussions and decision making processes:

- Visualized Presentations for inputs, to build clarity on process/context and Knowledge Generation in the Rural Transport research works
- Participatory and guided discussions for facilitated discussions, collective inputs and decision making
- Groupwork for crucial and in-depth discussion, Knowledge Generation and consented decision in small groups
- Workshop review using questionnaire
- Plenary for sharing and building consensus including ownership over the decisions
- Formal Inaugural and Closing sessions.

4.1 Inaugural Session

Honorable Ms. Kunti Kumari Shahi, State Minister, Ministry of Federal Affairs & Local Development (MoFALD) of Nepal was the Chief Guest who also inaugurated the workshop and provided her remarks in her inaugural speech. Dr. Sumitra Amatya, Honorable Member, National Planning Commission was present as the special guest in who also provided some pragmatic suggestions for initiating and expanding research works in the country in rural transport sub-sector. Mr. Ram Krishna Sapkota, Director General/DoLIDAR chaired the session. He also provided technical information on the topic as well the initiatives taken from DoLIDAR. Mr. Raja Karmacharya, DDG - Rural Road Division/DoLIDAR welcomed the guests and participants and highlighted on the objective and process of the workshop.

Ms. Shahi, Honorable State Minister, provided her views that non consideration of environmental aspects in the construction of rural roads is a major set-back. An appropriate modality for Government and private sectors to work together in coordinated manner is an essential element for a successful rural road programmes. Evidence-based approaches are needed in the country for which research works are inevitable. She mentioned that this research programme would be fruitful to manage any negative impacts of the construction of rural roads.

Mr. Les Sampson (Infrastructure Research Manager, ReCAP) presented an overview of ReCAP/AsCAP current and future activities with focus on Nepal. He expressed his pleasure for the initiatives so far and the enthusiasm of the Government partner - the DoLIDAR.

Dr. Amatya, Honorable Member - NPC made remarks on the national scenario and needs for the research works. She expressed her appreciation for the launching of ASCAP and more so in the landlocked countries like Nepal. She mentioned that Nepal does not have a data bank and

research-based evidences for forward-looking plans. She also mentioned that Nepal has many challenges but they can also be addressed appropriately for which research can always be a vital instrument. Environmental protection is one of the burning issues during the construction of rural roads. Nepal needs to focus on sustainable development of the rural road since transportation is the backbone for economic as well as overall development of the country. Roads could be constructed with greater considerations on the strategic needs of the nation than only the demand of the people.

Mr. Ram K. Sapkota, DG - DoLIDAR gave his concluding remarks (in the inaugural session) who also highlighted on some achievements of DoLIDAR and the initiatives for research uptakes. Mr. Sapkota also made a commitment for pragmatic initiatives for further collaboration with ReCAP/AsCAP. He expressed his pleasure and thanked all for their presence. He also acknowledged presence of the high level dignitaries i.e. the State Minister, Honorable NPC member and the others.

4.2 Technical Session

The inaugural session was followed by presentations and inputs on four major components:

- Findings of the research on "Participatory approach for Road Side Plantation of Rural Roads" (visualized presentation followed by plenary discussion) by Ruth Schaffner and Team from Helvetas Swiss Intercooperation,
- Update on the existing projects (dust-control, sustainable rural bridge) - Presentation and Plenary Discussion led by Mr. Maheswor Ghimire,
- Presentation on "Uptake and Embedment - What to do with Research Outputs?" by Caroline Visser, and
- Future Course of Action by Dr. Chandra B. Shrestha.

Open space was also created for all to raise queries after each presentation by which clarity on deliberations was also ensured.

A step was integrated for concentrated discussion. The participants were divided into six groups to answer three major questions (by each group) related to Uptake and Embedment. Half an hour time was allocated for consented group decisions. Guiding questions were on three major issues:

- What do we want to happen with research outputs?
- What systems, processes, and procedures are in use internally to support reaching these objectives?
- Which top three priority actions would we like to see undertaken?

By the end, inputs of the groupwork were documented instantly, visualized, and validated. Prior to the closing session, an evaluation of the workshop was also carried out. A short questionnaire was administered and each participating individual contributed.

4.3 Closing session:

Final session was chaired by Mr. Sapkota, DG - DoLIDAR. Overall observation was presented by Mr. Les Sampson, (Infrastructure Research Manager, ReCAP). He made it clear that each upcoming project should be well scrutinized, procurement process well established and

managed. He also expressed his pleasure for the contribution of all specially the public entities such as MoFALD and DoLIDAR. He also thanked the Helvetas Swiss Intercooperation team for their contribution, the facilitator and all for their appreciated inputs, participation and suggestions.

5 Major Discussions and Findings

There were four major presentations which were followed by discussions for clarity, feedback, and suggestions. They were (A) Research Findings; (B) Project scenario at present; (C) Knowledge Management and Capacity Building; and (D) Future (project) plan. The presentations are in Annex 3. Some major feedbacks on presentations and outcomes are presented hereunder:

A. Presentation: Findings of the research on 'Participatory approach for Road Side Plantation of Rural Roads" (visualized presentation followed by plenary discussion) by Ruth Schaffner and Team from Helvetas Swiss Intercooperation:

Major contents of the presentation:

- Context, geography and research objectives
- Methodology: Legal, engineering, plantation, socio-economic considerations
- Results and major findings
- Conclusions
- Future activities and recommendations

Feedbacks/suggestions of the Participants:

- The research topic and the findings are of the great value for Nepal
- There is coordination gap among the stakeholders to implement research and other related programmes for the improvement of rural transport sector (i.e. DDCs, VDCs, User groups...) in terms of standards, norms, and quality assurance.
- We need to pay attention to bio-engineering while constructing the roads.
- More data/information on road-side banana plantation is needed if a strategic decision is to be made for its use for bio-engineering purposes (i.e. research findings). There is also lack of the research in the bio-engineering topic as such, in general.
- We need to focus on the evidence based findings.
- Encroachment of Right of Way (RoW) at rural road is a serious issue. DoLIDAR needs to coordinate with other agencies before it becomes too complicated. We need to focus on how to pragmatically maintain RoW from an early stage. Role of DoLIDAR and its approaches should be clear on such initiatives.
- Environment protection is one of the burning issues while constructing the rural roads.

B. Presentation: Update on the existing projects (dust-control, sustainable rural bridge) - Presentation and Plenary Discussion led by Mr. Maheswor Ghimire

Major contents of the presentation:

- Action research Project on Sustainable Management of the Right of Way through Community Participation
- Sustainable use of organic petroleum products (Bitumen) and Soil (bentonite) for dust control on low volume gravel roads in plane region of Nepal.
- Bridge construction with Pre-cast, and Pre Stressed Modules
- National Transportation Research Centre and Laboratory (NTRCL)

- Local Road Network (LRN) and Road Safety Initiatives in Nepal

Feedbacks/suggestions of the Participants:

- Ensuring standards, norms, and materials used for rural road construction to make them safe for travel and durable from different research findings (uptakes).
- Road safety is one of the major issues. Accident in rural road claims even more than 50 deaths in a single accident and should be addressed seriously.
- Movement of public vehicles in rural roads (route-use permission, axles-load, overall loading capacity...) is an issue. There is no data-bank (nor an entity such as NTRCL) which gives information about which rural road is being affected gravely and what the learning for strategic decisions is.
- Operation of old vehicle in rural roads is one the main causes of disastrous accidents.
- We need to focus on upgrading and maintenance of the existing rural roads rather than constructing new ones.
- There are overlapping mandates and duplication of functions between DoLIDAR and Department of Roads. It needs to be sorted-out.
- We need to focus on how to manage resources.
- Roads must be constructed with greater technical considerations (e.g. avoiding construction of non-engineered roads by local people without proper survey and designs - too many examples of deteriorated/destroyed rural roads made by VDC grant funding after a year or two).
- Proper maintenance of the rural roads is lacking.
- We need to establish material testing laboratory.
- We need to carry out road safety audit system and operationalize it well.
- Need to further review and update the sustainable management of RoW in rural roads.

- C. **Presentation** : "Uptake and Embedment - What to do with Research Outputs?" by Caroline Visser, ReCAP. Answers to the three questions that she raised are transcribed in her presentation slides in annex 3.3

Major contents of the presentation:

- RECAP Strategies
- Conceptual clarity on Knowledge Management
- Strategic Knowledge Management directions
- Knowledge Management in the rural transport sector in Nepal

Feedbacks/suggestions of the Participants:

- Nepal is relatively weak in sharing (pragmatic coordination between DoR & DoLIDAR) and supporting other entities (deployment of technical staffs from DoLIDAR in rural road construction sites since there are too many and for required timeframe)
- Enhancing capacity in the field of research and development is a must but challenging
- There is lack of research in the field which limits hands-on learning and their use
- Evidence-based approaches are needed in the country for which research works are essential for learning and pragmatic solutions
- Nepal is weak in database management and archive

D. Presentation: Future Course of Action by Dr. Chandra B. Shrestha (including Way Forward):

Major contents of the presentation:

- Course of Actions - Road Side Plantation; Bridge Research; Dust Pollution; Transport Research Center (TRC)
- Road Safety and Transport Services
- Interlinkages between Economic development and transport infrastructure
- Capacity Development
- Priority actions

Feedbacks/suggestions of the Participants:

- We appreciate the initiatives of the research works so far.
- We need to address road safety while constructing rural roads. Hence, "Road Safety" must be the research domain (topic).
- We need to work for long term planning rather than short term. Hence, research works must also be focusing more on the longer-term strategies. It is also hurdled by Nepal not having a reliable data bank and research-based evidences for forward looking plans.
- DoLIDAR needs to establish a functional research unit within its operations. AsCAP should be approached to facilitate and support its establishment.

6 Workshop Evaluation Results

A questionnaire was administered to collect feedback on the workshop process and the results. It had two components i.e. management and technical. Based on the responses of participants, the mean-score on the overall review was found to be 4.2 out of 5.0. The feedback indicated that the workshop was found productive, useful, and appropriately organized.

Number of filled out evaluation forms: 32									
Question	Question	A=5	B=4	C=3	D=2	E=1	Z=absent	Forms	Score
Overall impression	2	4	23	4	1			32	3.9
Meeting expectations	3	1	15	15	1			32	3.5
Overall usefulness	4	4	20	7		1		32	3.8
Meeting objectives	5	5	17	9	1			32	3.8
Workshop introduction	6	7	16	8		1		32	3.9
Presentation Helvetas	7	5	14	10	2	2		33	3.5
Update existing research projects	8	4	13	14	1			32	3.6
Presentation Knowledge management	9	6	17	9				32	3.9
Table works Knowledge Management	10	6	18	6	1		1	32	3.9
Summary of key points	11	4	21	7				32	3.9
Workshop facilitation	12	10	15	6	1			32	4.1
Workshop schedule/timetable	13	9	12	7	2	2		32	3.8
Logistical organisation	14	8	14	9	1			32	3.9
Hotel workshop facilities	15	5	19	7	1			32	3.9
Total of responses		78	234	118	12	6	448		
Percentage (%) response		17	52	26	3	1	100		

Ranked by score (below +)									
Question	Question	A=5	B=4	C=3	D=2	E=1	Z=absent	Forms	Score
Workshop facilitation		10	15	6	1			32	4.1
Overall impression	2	4	23	4	1			32	3.9
Table works Knowledge Management	10	6	18	6	1		1	32	3.9
Presentation Knowledge management	9	6	17	9				32	3.9
Summary of key points	10	4	21	7				32	3.9
Logistical organisation	11	8	14	9	1			32	3.9
Workshop introduction	12	7	16	8		1		32	3.9
Hotel workshop facilities	13	5	19	7	1			32	3.9
Overall usefulness	14	4	20	7		1		32	3.8
Meeting objectives	15	5	17	9	1			32	3.8
Workshop schedule/timetable	16	9	12	7	2	2		32	3.8
Update existing research projects	17	4	13	14	1			32	3.6
Presentation Helvetas	18	5	14	10	2	2		33	3.5
Meeting expectations	3	1	15	15	1			32	3.5

7 Concluding Remarks

At the end, Mr. Ram Krishna Sapkota, Director General, DoLIDAR expressed his thanks for the valuable inputs from all presenters. All topics were very important for the country. He reiterated the contribution made by ReCAP/AsCAP and also the research undertaken by Helvetas Swiss Inter cooperation. He expressed his thanks to all participating professionals for making the workshop a successful event, as a means for future research works. He also expressed his thanks to all for creating such an environment which has further facilitated cooperation among all stakeholders.

He also conveyed his hope in looking forward to a successful take-off of AsCAP in Nepal. He concluded that the one-day workshop has given ample clarity and indication for how should we be moving forward. Finally, he thanked representatives from ReCAP, AsCAP and other entities for their professional support and inputs.

Jai Hos !

Annex A: List of Participants

S.N	Name	Designation	Organization
1.	Mr. Ram Krishna Sapkota	Director General	DoLIDAR
2.	Ms. Kunti Kumari Shahi	Honourable State Minister	MoFALD
3.	Dr. Sumitra Amatya	Hon Member	National Planning Commission
4.	Dr. Chandra B Shrestha	RTM	AsCAP
5.	Mr. Les Sampson	Infrastructure Research Manager	ReCAP
6.	Ms. Caroline Visser	Knowledge & Communications Manager	ReCAP
7.	Mr. Raja Karmacharya	Dy. Director General	DoLIDAR
8.	Mr. Ram Chandra Shrestha	Dy. Director General	DoLIDAR
9.	Mr. Maheswor Ghimire	Senior Divisional Engineer	DoLIDAR
10.	Mr. Mohan Raj Chapagain	Senior Divisional Engineer	DoLIDAR
11.	Mr. Ashok K Jha	Senior Divisional Engineer	DoLIDAR
12.	Mr. Thakur Raj Pant	Senior Divisional Engineer	DoLIDAR
13.	Mr. Uma Shankar Sah	Senior Divisional Engineer	DoLIDAR
14.	Mr. Huma Kant Mishra	Senior Divisional Engineer	DoLIDAR
15.	Mr. Rajendra Prajuli	Under Secretary, Accountant	DoLIDAR
16.	Mr. Jeevan Guragain	Senior Divisional Engineer	DoLIDAR
17.	Mr. Ganga Bahadur Basnet	Senior Divisional Engineer	DoLIDAR
18.	Mr. Shekhar Pokhrel	Senior Divisional Engineer	DoLIDAR
19.	Mr. Binod Shakya	Engineer	DoLIDAR
20.	Mr. Shambhu Karki	Senior Divisional Engineer	DoLIDAR
21.	Mr. Shailesh Pokhrel	Engineer	DoLIDAR
22.	Mr. Bed Raj Regmi	Engineer	DoLIDAR
23.	Mr. Sharad Manandhar	Senior Divisional Engineer	DoLIDAR
24.	Mr. Amrit Shrestha	Senior Divisional Engineer	DoLIDAR
25.	Mr. Suresh KC	Senior Divisional Engineer	DoLIDAR
26.	Mr. Prem Dutta Bhatta	Senior Divisional Engineer	DoLIDAR
27.	Ms. Nisha Rijal	Engineer	DoLIDAR
28.	Mr. Bal Deep Sharma	Engineer	DoLIDAR
29.	Mr. Bashant Sharma		DoLIDAR
30.	Mr. Chuda Raj Dhakal	Engineer	DoLIDAR
31.	Mr. Dev Bir Basnyet	Facilitator	Alliance Nepal / ASCAP
32.	Mr. Santosh K Gupta	Co-Facilitator	Alliance Nepal / ASCAP
33.	Mr. Ram K Thapa	Asst. Facilitator	Alliance Nepal / ASCAP
34.	Mr. Kamal Jaishi	Project Coordinator	CIP/DoLIDAR

S.N	Name	Designation	Organization
35.	Mr. Suman Baidya	Infrastructure Advisor	Department for International Development (DFID)
36.	Mr. Bijaya B Swor	Sr. Vice President	FNNTTE
37.	Ms. Saraswati K. C.	Secretary of Ministry	Government of Nepal
38.	Mr. Juerg Merz	International Programme Advisor	HELVETAS
39.	Mr. Niraj Acharya	Coordinator-WIN	HELVETAS
40.	Mr. Anil Marsani	Program Coordinator/Lecturer	Institute of Engineering, Pulchowk
41.	Mr. Prakash Dahal	Under Secretary	MoFALD
42.	Ms. Babita Shahi	Personal Secretary, State Minister	MoFALD
43.	Ms. Meera Sherchan	Under Secretary	MoWCSW
44.	Mr. Madan Raj Joshi	Engineer	RTISWAP
45.	Mr. Kumar Thapa	Project Manager	SBD
46.	Mr. Hareram Shrestha	Immediate Past President	SCAEF
47.	Mr. Rajesh Thapa	President	SCAEF
48.	Mr. Krishna P Sapkota	General Secretary	SCAEF
49.	Mr. Shuva Sharma	Engineer	Scott Wilson Nepal
50.	Mr. Laxman KC	Engineer	Research Team/HELVETAS
51.	Mr. Dil Raj Khanal	Legal Expert	Research Team/HELVETAS
52.	Ms. Ruth Schaffner	Team Leader	Research Team/HELVETAS
53.	Mr. Ram Chandra Bhattarai	Financial Analyst	Research Team/HELVETAS

Annex B: Workshop Agenda

Knowledge Generation in the Rural Transport Sector in Nepal

Venue:	Hotel Himalaya, Lalitpur :
Date:	April 12, 2016
Session Chair:	Mr. Ram Krishna Sapkota, DG, DoLIDAR
Chief Guest:	Hon. Ms. Kunti Kumari Shahi, State Minister – MoFALD/GoN
Special Guest:	Dr. Sumitra Amatya, Hon Member – National Planning Commission
Guests:	Mr. Les Sampson ReCAP and Ms. Caroline Visser, CARDNO
Guest:	Dr. Chandra B Shrestha – Member/NRA

Time	Programme	Who
09:00- 09:30	Arrival, registration and tea/coffee	
Opening Session		
09:30 - 10:30	Chairing by DG-DoLIDAR; Guest of honour – Honourable State Minister-MoFALD; Special guest - Hon Member-NPC; Guests (1) Les, Sampson – ReCAP, (2) Ms. Caroline Visser – CARDNO, and (3) Member – NRA	MC (Mr. Mohan Raj Chapagain, SDE/DoLIDAR)
	Welcome speech and objective of the workshop	DDG – Rural Road Division - DoLIDAR
	Formal Inauguration	Honourable State Minister
	Overview of ReCAP/AsCAP current and future activities with focus on Nepal	Les Sampson
	Remarks on national scenario and needs on research works	Dr. Sumitra Amatya, Hon Member-NPC
	Key Note Address	Hon. Ms. Kunti Kumari Shahi, State Minister – MoFALD/GoN
	Conclusion & closing of Inaugural Session by the Session Chair	Ram K. Sapkota
Tea/Coffee break (10:30-11:00)		
Technical Session		
11:00 - 11:20	Proceeding into the Technical Session: <ul style="list-style-type: none"> • Introduction of the participants • Reiterating Programme Agenda and Expectations 	Facilitator (Dev Bir Basnyet)
11:20 - 12:30	Findings of the research on 'Participatory approach for road side plantation of rural roads" (visualized presentation followed by plenary discussion)	Ruth Schaffner and team
12:30 - 13:00	Update on the existing projects (dust-control, sustainable rural bridge) – Presentation and Plenary Discussion	Maheswor Ghimire
Lunch (13:00 – 14:00)		
14:00 – 14:40	Potential Research Projects	Plenary
14:40 – 15:30	Presentation on “Information, Capacity Development and Communication – issues and challenges”	Caroline Visser
15:30 - 16:00	Future Course of Action	Chandra Shrestha
Concluding session		
16:00 - 16:30	Programme Review (observations/opinions and suggestions for making such events better in the future)	Facilitator
16:30 - 17:30	Concluding remarks from ReCAP	Les Sampson
	Concluding and Closing Remarks by DG-DoLIDAR	Ram K. Sapkota

Annex C: Presentations

- i) Findings of the research on 'Participatory approach for Road Side Plantation of Rural Roads' (visualized presentation followed by plenary discussion) by Ruth Schaffner and Team from Helvetas Swiss Intercooperation*
- ii) Update on the existing projects (dust-control, sustainable rural bridge) – Presentation and Plenary Discussion led by Mr. Maheswor Ghimire*
- iii) Uptake and Embedment – What to do with Research Outputs by Ms. Caroline Visser*
- iv) Future Course of Action by Mr. Chandra B Shrestha*
- v) Process and Method of Workshop by Mr. Dev Bir Basnyet*

All presentation slides of above mentioned topics are in the official drop box.

Annex D: Photo Documentation



Group photo of the participants



Welcome by Mr. Raja Karmacharya, DDG – Rural Road Division – DoLIDAR



At dias (from Left, Ms. Caroline Visser, Dr. Chandra B Shrestha, Mr. Ram Krishna Sapkota, Ms. Kunti Kumari Shahi, Dr. Sumitra Amatya & Mr. Les Sampson)



Ms. Kunti Kumari Shahi, Honorable State Minister of MoFALD during formal Inauguration of the Workshop



Speech by Chief Guest - Hon. Ms. Kunti Kumari Shahi, State Minister, MoFALD



Remarks by Special Guest: Dr. Sumitra Amatya, Hon Member – NPC



Participants during the Technical Session



Mr. Dev Bir Basnyet (Facilitator) presenting Workshop Process and methods



Ms. Ruth Schaffner and her Team presenting Developing a Participatory Approach for Road Side Protection of Rural Roads in Nepal



Update on the existing projects (dust-control, sustainable rural bridge) by Mr. Maheswor Ghimire, SDE, DoLIDAR



Conclusion & closing of Inaugural Session by Session Chair – Mr. Ram Krishna Sapkota (DG, DoLIDAR)



Information, Capacity Development and Communication – issues and challenges” by Caroline Visser



Mr. Les Sampson (Infrastructure Research Manager, ReCAP) presenting Overview of ReCAP/AsCAP current & future activities with focus on Nepal



Dr. Chandra B Shrestha presenting Future Course of Action



Group work on progress