

Progress Report



**Workshop
On
Regional Service
Centre
Work plan of
RE activities to be
included in DDC
planning process
in Makwanpur &
Palpa District**

Submitted to:
AEPC/NRREP
Khumaltar, Lalitpur

Submitted by:
Association of District Development Committees of Nepal (ADDCN)
Natural Resources Energy and Environment Unit (NaREE)
Sanepa, Lalitpur

28th January, 2014

Table of Content

| | <i>Page No.</i> |
|--|-----------------|
| 1. Background: | 3 |
| 2. Objectives | 4 |
| 3. Major achievements made as according to memorandum of agreement | 5 |
| Activity 1: Workshop on RSC's workplan include in DDC planning process Orientation at Hattiya VDC in Makwanpur | 5 |
| Activity 2: Workshop on RSC's workplan include in DDC planning process Orientation in DDC, Makwanpur | 7 |
| Activity 3: Workshop on RSC's workplan include in DDC planning process Orientation at Bhairavsthan VDC in Palpa | 9 |
| Activity 4: Workshop on RSC's Renewable Energy work plan includes in DDC planning process Orientation in DDC,Palpa | 10 |
| 4. Conclusion | 13 |
| 5. Recommendation | 14 |
| Annexes | |
| Program Schedule | |
| List of Participants | |
| Picture / Presentation | |
| 14 steps of planning process | |

1. Background:

Nepal is one of the least energy consuming countries in the world. The most of the energy needs fulfill by bio-fuel about 87% (fire wood 77.7%, agriculture and animal residue 9.4%), fossil fuels 10%, and electricity around 2% and renewable 1% (WECS 2010). In urban areas imported fossil fuels account around 90% of the total energy use, including for cooking, transport and industries. In sub-urban and newly urbanizing areas, bio-fuels for cooking are given way to kerosene and other imported fossil fuels. Around 96% of total domestic energy is supplied by bio-fuel, which is one of the main causes of deforestation and indoor pollution. Expansion of road network makes fossil fuel the fastest growing energy source in the country, substituting cooking fuels in road reach areas. Except for solar hot water heating in urban areas, and some biogas production in rural areas, the use of other renewable energy sources is very limited. Access to electricity is only about 43% of the country population, mostly in urban areas. Nearly 20% of the population in rural areas has access to electricity, which is one of the major challenges of the country.

However, most of the efforts in energy development have focused on the supply of energy through large-scale hydropower projects for the urban areas. These efforts have largely ignored the fact that the rural population, for a long time, will continue to rely on natural resources for their energy needs. Moreover, because of accessibility as well as affordability, grid electricity will remain beyond the reach of the rural people. This trend of energy use, and hence its consequences on other sectors will continue to rise unless positive interventions are introduced. Renewable (Alternate) energy, in this context can play a role of catalyst in rural development by providing modern form of energy. The renewable energy programme has been institutionalized with the establishment of Alternative Energy promotion Center (AEPC), under the Ministry of Science and Technology in 1996.

The GoN has been continuously giving more important to promote renewable energy in five and three year development plans. Each plan has been showing progressiveness toward promotion of RE and specified the clear-cut target to be achieved. The three year plan (2069/70-2072/73) continues to give much more importance to promote renewable energy in rural Nepal; by setting result-oriented targets in this plan; installing 90,000 biogas plants in 75 districts; 3 MW electricity generated by solar electricity systems; 1 MW by wind; Installing 2,000 solar driers/cookers; Installing 4,500 improved water mills; and Constructing 300,000 improved ovens in the rural areas. To achieve this target, there is a need to push for renewable energy development through decentralizes governance involving different local level stakeholders. In this context the roles of local government assumes to be importance in building partnership with communities, private sectors, NGOs and other actors. The Government of Nepal has approved the Rural Energy Policy and Renewable Energy Subsidy Policy. These two policies will be the milestone steps toward achieving concrete development in the renewable energy. Similarly LSGA-1999 has given tremendous mandate for DDCs to fulfill energy need of the districts. These policies and act have recognized the important role of DDCs to promote natural resource. As we know District Development Committee (DDCs) are the apex bodies of local governments. In accordance with the decentralization policy of GoN; gradual devolution of authority to local government institution, the responsibility of District Development Committees (DDC) is extending and the same time DDCs have been mobilizing its own financial resource to promote RE in the Districts. In this context DDCs has established the Energy and Environment Section to

promote energy and environment activities through DDCs which is a mile stone toward energy and environment management.

Association of District Development Committees of Nepal (ADDCN) is a representative institution of 75 DDCs, can play major roles in mobilizing support from GoN, DDCs and from different programme to promote renewable energy technology. It can also help DDCs to establish full partnerships with different agencies working in the RET sectors in the districts. ADDCN has been giving very much important to promote RE in the rural areas and formulated policy statement on rural energy "the promotion of rural energy systems and services through coordination and partnership with different stakeholders by local governments which ensures the creation of institutional mechanisms and human capacities for achieving sustainable livelihoods at the local level'. Based on this statement, the main task of the NaREE unit is lobby and advocate for sustainable rural energy development, policy feedback, information dissemination and professional support to member DDCs/stakeholders in terms of capacity building in energy planning and implementation. ADDCN has been established a forum of DDCs Chairperson called, District Energy Network (DNET) to promote decentralized rural energy at local level. At the same time, ADDCN has been representing in different national level committees/forums as an active member and stakeholder to promote RE; e.g. REP, RERL, WECS, Central Natural Resource Revenue Sharing Committee (MLD) and other forums to promote RE and Environment, therefore the role of ADDCN is very important to promote energy and environment. Realizing this, ADDCN has established Natural Resource, Energy and Environment Unit within the institutional framework of ADDCN to support member DDCs in the matter of Natural Resource, Energy and Environment. LSGA and Rural Energy Policy of Nepal have recognized the vital role of Local Government to promote renewable energy through the local government. With the strong advocacy by ADDCN, AEPC and UNDP we are able to established District Energy and Environment Section within the DDCs with is one of pioneer achievement toward rural energy development. Now we have more challenges to enhance the capacity of DEES/DDC in energy planning, system development, implementation, monitoring, operation and maintenance and aware the local decision makers the important of renewable development at local level. In this context ADDCN has been playing important role to enhance the capacity of DEES/DDC in different aspects of rural energy development; mobilizing fund from different agencies such as AEPC, RERL.

2. Objectives

The broader objective of the proposed programme is to develop institutional capacity of NaREE unit of ADDCN in Natural Resource, Energy and Environment Management. At the same time to promote and mainstreaming the RET renewable energy in DDCs through, dissemination of information/education materials, lobby and advocacy, training, orientation and interaction.

These are the specific objective of the programme

1. To RSC's Renewable Energy work plan to be included in planning process of DDC.

3. Major achievements made as according to memorandum of agreement

As according to memorandum of agreement between AEPC/NRREP and ADDCN, this progress report describes the main achievement under the activity. ADDCN has proposed the activity. The brief description of this activity is mentioned below. The details are kept in Annex were enclosed.

| |
|---|
| Activity 1: Workshop on RSC's workplan include in VDC planning process Orientation at Hattiya VDC in Makwanpur |
|---|

As per the work plan of ADDCN, a oneday workshop programme on RSC's workplan to be included in planning process was jointly organized by ADDCN and DDC, Makwanpur on 21st Poush 2070 at VDC conferences hall. This program was supported by AEPC/NRREP. The opening ceremony of this one day workshop was conducted on the chairmanship of VDC secretary Mr. Badri Sapkot. Mr Bharat Khadka Executive Member of ADDCN and Constituent Assembly Member was participated as a chief guest and other important participants, Energy and Environment Officer, Bashanta Pathak, NGO Federation and Political Party Representatives were participated as a guest and Er. Prakash Gyawali, Energy and Environment Expert of ADDCN were participated as a resource person on this workshop.

During the program Executive Member of ADDCN, Mr. Bharat Khadka welcomed the participants and highlighted the objective of the programme. He was also mentioned the decentralization process of the local government and internalization of DEEUs and Regional Centre RE activities includes in DDC planning process in coming fiscal year. He also mentioned the back ground about ADDCN .He also highlighted importance of DEEUs to promote and implement the RETs in the district so it should be internalized soon. After the opening session over, technical section started.

Similarly, Mr. Prakash Gyawali, Energy and Environment Expert of ADDCN presented a paper on the different topics: RET and its application, Role of DDCs in Rural Energy Development, RE policy in 2069 , ADDCN Achievement and District Energy Network and Capacity Development. Please see detail of presentation attached in Annex 1.

Similarly, Mr. Basanta Pathak , Energy and Environment Officer presented a paper on DDC plan in energy sector on coming fiscal year, achieved activity in RE sector budget in RE sector and problem faced by DEEUs. Please see detail of presentation attached in Annex 2

During the discussion session of the program, we collected more comments and feedback to promote RETs in rural area. There were altogether 40 participants participated from different line agencies; District Development Committee, DAO, Political Parties, NGOs, VDC secretary NGOs, FECOFUN, and Community Peoples as well .The program was very successful as well as effective. The participants were more interested to this workshop for promotion of rural energy activities at the district level. ADDCN successfully sensitized on rural energy policy to the local stakeholder and the political parties committed for the promotion of renewable energy technology in Hattiya VDC. Following points were also discussed during the program.

- Opportunity of Resource Allocation in Renewable Energy VDC
- Problems Regarding the implementation of Renewable Energy Program
- RSC RE related activity included in VDC planning
- Decentralization of rural Energy policy -2069
- Suggestion to improve Renewable Energy promotion

PROBLEM

- Electricity not reached 65 household in ward 4 & 5
- Lack of water to drive the bio-gas plant, so they request to make rain harvesting system in their area.
- Mud ICS not working in this VDC due to low quality of mud available in the area
- Maintenance cost of biogas plant is need to drive old biogas plant

OPPURTUNITY

- Water resources availability low in this VDC so solar mini grid is need to electrify the wards
- Most of villagers have cattle's so more demand bio-gas plant construction
- Rain harvesting system is need to construction to drive biogas plant.

COMMITMENT /SUGGESTION

- RESDTN renewable energy activity not adequately reached in their VDC yet, but this year VDC council renewable energy activity include in process.VDC secretary committed within all political party to this year allocated budget for alternative energy and include all RE activity in coming VDC council. He highlighted the process, firstly, RE demand comes from the community level; ward level then VDC level incorporate all RE activities and finalized through VDC council. Any RE activities come through that process, it is easy for included in council. All planning steps detail are in annex.

At the end of the program, Representative Centre member of ADDCN, Mr. Bharat Bhadur Khadka was given thankfulness to all participants. He suggested the political party to incorporate such energy activity in DDC Council in come year. He had also suggested to VDC secretary to incorporate such activity in VDC council and isolate some matching budget for energy sector.

From the chairperson of the program/ VDC Secretary of Hatiya, Mr. Badri Sapkota highlighted the importance of workshop for promotion of RE technology in rural people and use of daily life. He had appreciated to be chosen this VDC for this workshop. He also focused to make new model project in RE technology due to which it helps to aware people easily. We had more RE activity implemented in this VDC. Some wards need to electrification in this VDC, construction of micro hydro hasn't possible here so need to mini

solar grid for electrification. He also thank to AEPC to choose DCEP implemented VDC as well. He was also mentioned the VDC activity, issues, and problem to implement RE technology in districts. The program was highly successful to aware the Community people, VDC representatives and other stakeholder of the districts as well.

Activity 2: Workshop on RSC's workplan include in DDC planning process Orientation in DDC, Makwanpur

As per the work plan of ADDCN, a one day workshop program on "RSC work plan to be included in planning process " was jointly organized by ADDCN and DDC Makwanpur on 22nd Poush 2070 at DDC conferences hall. This program was supported by AEPC/NRREP. The opening ceremony of this one day workshop was conducted on the chairmanship of Local Development Officer Mr. Gokarna Prasad Sharma and Mr Bharat Khadka Executive Member of ADDCN were participated as a chief guest and other important participants Mr. Sanjib Shrestha, District Engineer, Mr. Purushotam Sapkota, Planning officer, Mr. Ram Krishana Thapa, Social Development Officer, Mr. Anil Shrestha , RESDTN, Mr. Basanta Pathak, Energy and Environment Officer, NGO Federation and Political Party Representatives were participated as a guest and Er. Prakash Gyawali, Energy and Environment Expert of ADDCN were participated as a resource person on this workshop.

During the program Executive Member of ADDCN, Mr. Bharat Khadka welcomed the participants and highlighted the objective of the programme. He also highlighted the RSC renewable energy activity should be internalize in DDC planning process. He mentioned the decentralization process of the local government and internalization of DEEUs in DDC soon. He also mentioned the back ground about ADDCN and importance of DEEUs to promote and implement the RETs in the district .After the speech was over, technical session started.

Similarly Energy and Environment Expert of ADDCN Mr. Prakash Gyawali presented a paper on the different topics: RET and its application, Role of DDCs in Rural Energy Development, ADDCN Achievement and District Energy Network and Capacity Development. Please see detail of presentation attached in Annex 1.

Similar Mr.Basanta Pathak , Energy and Environment unit presented a paper on DDC work plan in energy sector on coming year, completed activity in previous year and current plan of allocate budget in RE and problem faced by DEEUs.

Similarly Sub-Engineer Mr. Anil Shrestha, RESDTN presented the working activity in Hetauda District in coming fiscal year. He also request to AEPC, more budget allocate to RE promotion in Hetauda District, Please see detail presentation in Annex 3.

During the discussion session of the program, we collected more comments and feedback to promote RETs in rural area. There were altogether 50 participants participated from different line agencies; District Development Committee, DAO, Political Parties, NGOs, VDC secretary NGOs/INGOs, FECOFUN, RESDTN, and Community Peoples as well .The program was very successful as well as effective. The participants were more interested to this workshop for promotion of rural energy activities at the district level. ADDCN successfully sensitize on rural energy policy to the local stakeholder and the political parties

committed for the promotion of renewable energy technology at Makwanpur District. Following points were also discussed during the program.

- Internalization of DEEU
- RSC RE activity internalized in DDC planning process
- Problems Regarding the implementation of Renewable Energy Program
- Decentralization of rural Energy policy -2069
- Suggestion to improve Renewable Energy promotion

During the Interaction session, we were collected problem, feedback and commitment

PROBLEM

- Solar Water pumping is needed to electrify some VDC, it is better to change the policy for solar lifting system.
- Electricity problem in most of the VDC.

OPPURTUNITY

- Makawanpur have also possible for wind energy production in Phaper Bari VDC
- Water Resource is high but not electrify in more VDCs i.e Dhimal,
- Solar Lifting water pump also needed for drinking water

DEEU Internalization

LDO have more positive for RE sector so coming DDC council ,they commit to internalize DEEU in DDC council with in all political party and other stakeholder

RSC Activity Commitment

LDO committed to RSC work plan for this year include in DDC planning process which presented in RSC resource person. He was also suggested to come all RE activity through community it is easy to include in DDC planning. He suggested to planning officer and EEO to coordinate with RESDTN coming planning process. He also suggested during planning time, RESDTN directly coordination with DDC. He suggested to NGOs/INGOs work in RE sector , should be coordinate for planning team to incorporate RE activity in planning process in coming fiscal year. Please see steps of planning process in annex 4

At the end of the program, Representative Centre member of ADDCN, Mr Bharat Bdr Khaka gave thankfulness to all participants. He also suggested the political party to incorporate such RE energy activity in DDC Council in come fiscal year. He had also suggested to VDC secretary to incorporate such activity in VDC council and isolate some matching budget for energy sector.

From the chairperson of the program/ LDO of DDC, Makwanpur, Mr. Gokarna Prasad Sharma highlighted the importance of workshop for promotion of RE technology in rural people and use of daily life. He had appreciated to be chosen this district for this workshop. He highlighted the coming fiscal year 2070/71, DDC, Makwanpur going to internalized DEEU in DDC planning process. He had also mentioned the district activity, issues, and problem to implement RE technology in districts. The program was highly successful to aware the DDC representatives and other stakeholder of the districts as well.

Activity 3: Workshop on RSC's workplan include in DDC planning process Orientation at Bhairavsthan VDC in Palpa

As per the work plan of ADDCN, a workshop programme on RSC's workplan to be include in VDC planning process was jointly organized by ADDCN and DDC, Palpa on 24th Poush 2070 at VDC conferences hall. This program was supported by AEPC/NRREP. The opening ceremony of this one day workshop was conducted on the chairmanship of VDC secretary Mr. Basanta Bdr Godar, Mr. Bharat Khadka Executive Member of ADDCN was participated as a chief guest and other important participants Assistant Energy and Environment Officer, Karuna Sagar Pandit, DCRDC Field coordinator DCRDC, NGO Federation and Political Party Representatives were participated and Er. Prakash Gyawali, Energy and Environment Expert of ADDCN were participated as a resource person on this workshop.

During the program Executive Member of ADDCN, Mr. Bharat Khadka welcomed the participants and highlighted the objective of the programme. He also mentioned the decentralization process of the local government. He was also highlight all RE activity come through VDC council and He also mentioned the back ground about ADDCN. After the opening session was over, technical session started.

Similarly Energy and Environment Expert of ADDCN Mr. Prakash Gyawali presented a paper on the different topics: RSC and its RE activity, RET and its application, Role of VDCs in Rural Energy Development, ADDCN Achievement and District Energy Network and Capacity Development. Please see presentation in Annex 5.

Similar Assistant Energy and Environment officer, Mr. Karuna Sagar Pandit presented a paper on VDC work plan in energy sector on coming year, RE policy in 2069, Completed activity in previous year and Current plan to allocate budget in RE sector coming fiscal year.

Similarly Field Coordinator, Mr. Shiva G.C., DCRDC presented the working activity in Palpa District in coming fiscal year and achieved activity in RE sector. Please see detail of presentation attached in Annex 6.

During the discussion session of the program, we collected more comments and feedback to promote RETs in rural area. There were altogether 40 participants participated from different line agencies; District Development Committee, DAO, Political Parties, NGOs, VDC secretary NGOs/INGOs, FECOFUN, RSDTN, and Community Peoples as well. The program was very successful as well as effective. The participants were more interested to this workshop for promotion of rural energy activities at the district level. ADDCN successfully sensitize on rural energy policy to the local stakeholder and the political parties committed

for the promotion of renewable energy technology for Bhairavsthan VDC. Following points were also discussed during the program.

- Opportunity of Resource Allocation in Renewable Energy VDC
- Problems Regarding the implementation of Renewable Energy Program
- RSC related activity in VDC
- Decentralization of rural Energy policy -2069
- Suggestion to improve Renewable Energy promotion

Problem

- It is better to provide some subsidy for old biogas plant for maintenance.
- Capacity build up for ICS for fumeless VDC announcement
- There is also problem for drinking water but all VDC already electrify so need to change the policy and provide subsidy for solar pumping system.

Opportunity

- All the ward of VDC already electrify so there is more demand for Mud ICS and Biogas Plant implementation.
- Solar water pumping also demand for drinking water.

RSC activity

DCRDC only work for mud ICS promotion in this area. In the previous year, REDA and VDC implemented mud ICS in the area which activity comes in VDC plan in previous year. This relation also continue with DCRDC as well. VDC secretary expressed DCRDC activity in VDC plan in this year also .He also promise to allocate budget fumeless VDC

At the end of the program, Representative Centre member of ADDCN, Mr. Bharat Bhadur Khadka was given thankfulness to all participants. He had also suggested the political party to incorporate such energy activity in VDC Council in come year. He had also suggested to VDC secretary to incorporate such activity in VDC council and isolate some matching budget for energy sector.

From the chairperson of the program/ VDC Secretary of Bhairavsthan VDC, Mr. Basanta Bdr Godar highlighted the importance of workshop for promotion of RE technology in rural people . He was appreciated to be chosen this VDC for this workshop He expressed that he were allocated Rs 30000 budget for ICS and Biogas Promotion in energy sector. All the VDC had already electrified so here was only demand for ICS and Biogas. Solar pumping was needed here for drinking water so he was requested to DDC to allocate budget for Bhairavsthan in RE sector. He also mentioned the VDC activity, issues, and problem to implement RE technology in VDC. The program was highly successful to aware the Community people, VDC representatives and other stakeholder of the VDCs as well.

Activity 4: Workshop on RSC's Renewable Energy work plan includes in DDC planning process Orientation in DDC,Palpa

As per the work plan of ADDCN, a one day workshop program on RSC plan to be included in DDC plan jointly organized by ADDCN and DDC Palpa on 25th Poush 2070 at DDC conferences hall. This program was supported by AEPC/NRREP. The opening ceremony of this one day workshop was conducted on the chairmanship of Local Development Officer Mr. Dirgha Bdr Pokharel, Mr. Hari Prasad Nepal Constituent Assembly Member of Palpa participated as a chief guest of the program and Mr. Shiva Raj Joshi,CDO of Palpa were present as a special guest, Mr Bharat Khadka Executive Member of ADDCN and Constituent Assembly of Doti, participated as a Special guest .Member, Other important participants Forest Officer, Mr. Dinesh Prasad Bhattraï, Assistant Energy and Environment Officer, Karuna Sager Pandit,Field Coordinator of DCRDC, Mr. Tika Ram Poudel NGO Federation and Political Party Representatives were also participated in the program and Er. Prakash Gyawali, Energy and Environment Expert of ADDCN were participated as a resource person on this workshop.

During the program Executive Member of ADDCN, Mr. Bharat Khadka welcomed the participants and highlighted the objective of the programme. He was also highlighted the RSC renewable energy activity should be internalize in DDC plan in coming fiscal year. He was also mentioned the decentralization process of the local government and internalization of DEEUs should be completed soon. He also mentioned the back ground about ADDCN and importance of DEEUs to promote and implement the RETs in the district .After the opening session was over, technical section started.

Similarly Mr. Prakash Gyawali, Energy and Environment Expert of ADDCN presented a paper on the different topics: RET and its application, Role of DDCs in Rural Energy Development, ADDCN Achievement and District Energy Network and Capacity Development. Please see detail of presentation attached in Annex 1.

Similar Mr. Karuna Sager Pandit Assistant Energy and Environment officer presented a paper on DDC work plan in energy sector on coming fiscal year, achieved activity in RE sector budget in RE sector and problem faced by DEEU.

Similarly Mr. Shiva Bdr G.C, Field Coordinator of DCRDC presented the working activity in palpa district in coming fiscal year. Please see presentation in Annex 7.

During the opening session of the program, we collected more comments and feedback to promote RETs in rural area. There were altogether 50 participants participated from different line agencies; District Development Committee, DAO, Political Parties, NGOs, VDC secretary NGOs/INGOs, FECOFUN, DCRDC, and Community Peoples as well .The program was very successful as well as effective. The participants were more interested to this workshop for promotion of rural energy activities at the district level. ADDCN successfully sensitize on rural energy policy to the local stakeholder and the political parties

committed for the promotion of renewable energy technology at Palpa District. Following points were also discussed during the program.

- Internalization of DEEU's
- RSC RE activity internalized in DDC planning process
- Problems Regarding the implementation of Renewable Energy Program
- Decentralization of rural Energy policy -2069
- Suggestion to improve Renewable Energy promotion

During the Interaction session, we were collected some problem and feedback for promotion of RE technology.

PROBLEM

- To make seek project for Chuma Khola II and III, otherwise it is impossible to construction
- Subsidy policy isn't transparent so it is need to improve.
- Mud ICS is not work well due seems broken in most of the area so new technology should be implemented
- Capacity buildup is needed for all RE technology promotion

Opportunity

- Palpa have good opportunity for forest so mass production of Bio-briquette production technology needed for income generation
- Palpali citizen have problem for drinking water so piloting mini solar grid project for drinking water
- Need to change policy for solar water pumping system due to which electrify VDC also got subsidy for drinking water.

DEEU Internalization

It is better way to internalized DEEU with DDC council to coordination with MoFID & makes agreement. First time DDC salary bear 25% and AEPC 75%, Second time 50% DDC and 50% AEPC and so on

RSC RE activity

Palpa DDC has established good co ordination with all NGO included DCRDC. It has already included all RE activity in DDC planning process. Palpa DDC has good exercise practice for RE promotion for Pico hydro below 5 KW selected by AEPC /RSC DDC provides Rs 40000 per KW where as DDC provides Rs 20000 per kilowatt. LDO committed to include all RSC activity in planning process in current fiscal year but He also suggested RSC has to provide resource person to facilitate all DDC plan.

At the end of the program, Centre member of ADDCN and Constituent Assembly Member, Mr Bharat Bdr Khadka, expressed his thankfulness to all participants. He had also suggested the political party to incorporate such energy activity in DDC Council in come year. He had also suggested to VDC secretary to incorporate such activity in VDC council and allocated matching budget for energy sector.

From the chairperson of the program/ LDO of DDC, Palpa ,Mr. Dirgha Bhadur Pokharel highlighted the importance of workshop for promotion of RE technology in rural people and use of daily life. He had appreciated to be chosen this district for this workshop. He was also highlighted , DDC palpa already RSC RE activity included in DDC planning process and this year we were also included in DDC planning process. He was also mention DDC make a rule to give pico hydro within 5 KW Rs. 40000 to the community and then above Rs. 20000 per KW. He had also mentioned the district activity, issues, and problem to implement RE technology in districts. The program was highly successful to aware the DDC representatives and other stakeholder of the districts as well.

Conclusion:

For RE promotion and implementation in the district, this type of workshop is essential in the each district. It helps to find out the present reality of RE-sector, challenge and opportunity of the district.

Recommendation:

- Subsidy policy should be revise and transparent because community people aren't directly benefited from present process of subsidy disbursement.
- The micro hydro which were installed in the past are in idle condition due to for grid connection, so there should special policy for utilize the idle power for income generation and productive use.
- Subsidy policy should also revise for solar pumping system for drinking water due to which electrify community also use for subsidy for solar pump system for drinking water .
- RSC Re activities haven't yet reached all VDCs in the district due to limited budget so it is better to increase budget for DEEUs and give more authority for RE promotion.
- Mud ICS isn't function in more district due to leakage of mud so it should be better to replace new technology for ICS promotion.
- Capacity build up program should be lunch in each district due to which it helps to promote and implement the RE technology in the district.
- RE source should be internalized in mainstream source of the country, it creates positive information for the people. So it is easy for promotion RE technology in the country.

Workshop on RSC workplan include in DDC planing process
Program Schedule

जिल्ला विकास समिति महासंघ
नविकरणिय उर्जा प्रवद्धन कार्यशाला गोष्ठी
२०७० पुस २१,२२ & २४,२५ गते

| समय | गतिविधि | विधि | कैफियत |
|---------------|--|---------------------------------|--------|
| १०.००— ११.०० | सहभागी रजिष्ट्रेशन र चिया | | |
| ११.०० – ११.३० | शुभारम्भ सत्र <ul style="list-style-type: none"> अध्यक्षता, प्रमुख अतिथि तथा अतिथिहरुको आसन ग्रहण सहभागी परिचय स्वागत तथा कार्यक्रम तथा उद्देश्यमाथि प्रकाश (जिविस महासघ) | औपचारिक कार्यक्रम तथा प्रस्तुति | |
| ११.३० – १२.०० | • विकेन्द्रकृत उर्जा व्यस्थापनमा जिविसको भूमिका तथा उर्जा नीति वारे प्रस्तुति (श्री प्रकाश ज्ञवाली ,उर्जा तथा वातावरण विज्ञ.) | प्रस्तुतीकरण तथा छलफल | |
| १२.३० – १.०० | • जिल्लाको उर्जा तथा वातावरणको अवस्था वारे प्रस्तुति (उर्जा तथा वातावरण अधिकृत) | प्रस्तुतीकरण तथा छलफल | |
| १.०० – ४.०० | वैकल्पिक उर्जा प्रवद्धन केन्द्र ,क्षेत्रिय कार्यालयको प्रस्तुति | प्रस्तुतीकरण तथा छलफल | |
| १.४५ – २.०० | सामुहिक छलफल | | |
| १.०० – २.०० | खाजा तथा कार्यक्रम समापन | | |

| जिल्ला स्तरीय कार्यशाला | | | |
|-------------------------|----------------------------|----------|----|
| क्र.स. | सहभागी नाम | कार्यालय | |
| १ | पुर्व निर्वाचित सभापति | जि.वि.स. | २ |
| २ | राजनितिक दलका प्रतिनिधिहरु | जि.वि.स. | १० |
| ४ | स्थानिय विकास अधिकारी | जि.वि.स. | १ |
| ५ | जिल्ला इन्जिनियर | जि.वि.स. | १ |
| ६ | योजना अधिकृत | जि.वि.स. | १ |
| ७ | कार्यक्रम अधिकृत | जि.वि.स. | १ |

| जिल्ला स्तरीय कार्यशाला | | | |
|--------------------------|--|------------------|----|
| क्र.स. | सहभागी नाम | कार्यालय | |
| ८ | सामुदायिक बन का प्रतिनिधि | फेकोफन | २ |
| ९ | कृषि अधिकृत | जि.कृषि कार्यालय | १ |
| १० | भू सरक्षण अधिकृत | जि.भुसरक्षण का. | १ |
| ११ | उर्जा अधिकृत | उर्जा इकाइ | ३ |
| १२ | गाविस सचिव | | २ |
| १२ | क्षेत्रिय कार्यालय(बै.उ.प्र.का.) | | १ |
| १३ | गैसस,नागरिक समाज | | ४ |
| १४ | पत्रकारहरु | | २ |
| १५ | प्रिक्वालिफाइ कम्पनिका प्रतिनिधि (माइक्रो हाइड्रो,सोलार, वायोग्यास, सुधारिएको चुलो) | | १२ |
| सहभागिहरु बढिमा ४० जना । | | | |