Rural Village Water Resources Management Project Phase

The Gender Friendly & Inclusive Community Participation to promote Equity for the successful micro hydro MUS implementation & post-implementation (Practical experiences from RVWRMP supported micro-hydro MUS Schemes)

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Outline of the presentation

- Introduction of MH-MUS
- Summary of the MH-MUS Project
- Gender and Inclusion Highlights of MH-MUS Project
- MH-MUS Output
- MH-MUS Outcome
- MH-MUS Impacts
- Challenge
- Discussion & Conclusion
- Recommendations
Introduction of MH-MUS

- The water can be used for electricity generation as well as water supply, irrigation, improved water mill etc.
- The same canal is used as power canal to generate electricity as well as irrigation canal for irrigation of agricultural land
- The tailrace & spillway canal can be used as irrigation canal
Summary of the MH-MUS Project
(Implemented by RVWRMP & AEPC)

• Total Number of MH MUS = 7
• Total benefited HHs = 3051 HHs
• Total benefited Dalit HHs (Electricity)= 551 HHs
• Total Number of Population Served = 17927
• Total Power Output = 259.5 kW
• Total Irrigated Land = 164.4 Hector
HDI, GDI & GEM of 5 Development Region

HDI, GDI & GEM of Far-Western Development Region is poor as compare to the other Development Region & Nepal
HHs Composition by Ethnicity (Baseline 2011)

- Other: 83%
- Dalit: 17%
Gender Composition on UC of MH-MUS

- Male: 56%
- Female: 44%

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Ethnic Composition on UC of MH-MUS

- Other: 84%
- Dalit: 16%
Gender Composition on Energy based Micro Enterprise
(Case Study of Moubherigad MH MUS, Koiralakot, Bajhang)

Male: 33%
Female: 67%
Ethnic Composition on Energy based Micro Enterprise
(Case Study of Moubherigad MH MUS, Koiralakot, Bajhang)
Engendering & Inclusion during Implementation
Engendering & Inclusion in Micro Enterprise of MUS
MH MUS Output

- 259.5 kW Power Generation with 164.4 Hector of irrigation of land
- 551 HHs (100 %) Dalit Households are electrified & 30.81 % benefited from irrigation facilities as well
- Increased female participation
  (44% female present in the UC)
MH MUS Outcome

- Women has started the micro-enterprises and has contributed financially at home; women has empowered economically
- Dalit has utilized energy for modernizing their traditional occupation (tailoring, metal works etc)
- Increased revenue due to increased energy utilization
MH MUS Impacts

• Positive Socio-Economic impact in Dalit and Women contributing in HDI, GDI & GEM
• Increased Gender and Inclusive participation contributing to Equity & Equality
• Contributed in Millennium Development Goal & will contribute Sustainable Development Goal (SDG)
Challenge

• Lack of Entrepreneurship in Male & difficult for sustaining the micro Enterprise
• Difficult to run both micro hydro & irrigation during dry season
• Remoteness from the road head for the marketing of the products
Discussion and Conclusion

• MUS including Micro Hydro improves inclusiveness and gender friendliness of MUS
• Tariff by energy consumption to be introduced
• MUS with Micro Hydro need to be connected to a cooperative
Recommendations

- Promote meaningful participation of Female, Dalit & Disadvantage Group (DAG) in MUS
- MH MUS need to be established at Policy Level in Nepal
- Promotion of MH MUS together with End-use activity with effective Value Chain and Micro Finance Mechanism (Cooperative)
THANK YOU