WELCOME

Ministry of Federal Affairs and Local Development
Department of Local Infrastructure Development and Agricultural Roads

Rural Village Water Resources Management Project

Strengthening user committees and generating income opportunity for sustainability of the MUS at rural level

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Presentation Outline

• RVWRMP Introduction in Brief
• MUS and Livelihood
• Dada MUS in brief
• Achievement so Far (Findings)
• Result Chain towards Sustainability
• Key Element for MUS Sustainability and RVWRMP Intervention
• How MUS UC/Users Contributes to Sustainability
• Learning and Recommendation

www.rvwrmp.org.np
Rural Village Water Resources Management Project (RVWRMP), Nepal

Main activities:

• Rural Water Supply and sanitation
• Community based irrigation
• Micro Hydro power, Improved cooking stoves, Improved water mills
• **Multi Use System Application**
• Environmental activities, climate change adaptation
• Livelihood activities, food security and nutrition
• Institutional capacity building
• WUMP – Water Use Management Plans & Step-by-Step process
• Water Safety Plans
• HRBA & GESI guidelines – Human Rights, Gender and Social Inclusion
RVWRMP, a bilateral project financed by the Governments of Finland and Nepal, in remote mid and far west Nepal, is working in integrated water resources management, with the Water Use Master Plan (WUMP) as a planning tool/process. The Multi Use Water Services (MUS) with water supply is the priority intervention since 2007.
Multiple Use Systems & Livelihood Activities

• If insufficient water available, priority is domestic water use
• Kitchen/dishwashing/run-off water can be used for simple drip irrigation systems -> improved nutrition
• If sufficient water – planning for irrigation use (small scale) or micro-hydro in a MUS – needs discussion of access & tariffs
• If close enough access to markets -> commercial production may be possible
• Cooperatives support for financial links & marketing
• 23 total Beneficiary Households
• Total water capacity is 0.5 LPS
• Used in Drinking water 0.08 LPS
• Used in Irrigation 0.4 LPS
• Total irrigated land is 120 Ropani
• Total cost of the scheme is NRs. 2,612,177
• Users Contribution is NRs 940,000 including 43,000 in cash
• Date of Construction completion-October 2014
Achievements so far (findings)

• 100% Households started on/off season cash crops (Tomato, potato, beans, cucumber, ……)
• Organic production
• 100% households maintained home gardens
• Changed food habit (inclusion of fresh vegetable)
Achievements so far (findings)

- Access to the agriculture and market service centers
- Increased household income by average NRs. 115,000
- O&M plan, regulations, and WSP in place
Achievement So Far (findings)

• Users contribute to the operation and maintenance fund NRs 40/HH/month

• Total Operation and maintenance fund NRs. 46,750

• Records and book keeping maintained

• Good Governance in UC/Users
Achievement So Far (findings)

• Village maintenance worker salary paid regularly NRs. 500
• Maintained 24 hour water services
• Local employment and income opportunities generated
• Seasonal migration reduced by > 90%

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Dada MUS Scheme, Darchula

- Safe drinking water
- Time saving
- Improved health
- Importance of water
- O&M management

Improved Health

Improved income

Irrigation

- Cash crop
- Income opportunity
- Importance of water and paying capacity
- O&M management

Sustainability of the MUS scheme

Result chain towards sustainability of Dada MUS
Key elements for success & sustainability of MUS and RVWRMP Interventions

- Prioritisation of schemes by the community (WUMP)
- Improved MUS institutions at community level, leading to good governance (female tap group, VMW)
- Development and application of workable Operation and Maintenance systems, Water tariff and WSP
- Incorporating design innovations (water quality, quality construction and sustainability)
Key elements for success & sustainability of MUS and RVWRMP Interventions

- Linkages to livelihoods activities and cooperatives, to ensure financial sustainability
- Consideration of rights and inclusion
- Coherent planning and implementation (VDC and district authority systems)
- Capacity building of the UC/Users and stakeholders
- Technical support and monitoring on-site
RVWRMP Working Approach to support MUS sustainability

RVWRMP apply Step-By-Step approach & other project guidelines such as post construction, HRBA&GESI, in order to facilitate equitable, good quality construction & management
How MUS UC/Users’ contribute to sustainability

- Participation
- Transparency and monitoring
- Linkages and Marketing
- O&M Fund
- Village Maintenance Worker
- Users Committee
- Contributions
- Regular meetings
- O&M and water safety plan
- Local regulations
- Cash crops
Learning and recommendations

• Generating income improves sustainability of Water Scheme
• MUS link creates interest, ownership & ability to pay O&M
• Step by step approach is important to ensure participation, transparency, good governance & quality construction
• Post construction support and User’s Capacity building
• Trained VMW is the key for sustainability of the MUS
• Community action plan for O&M management and ownership
• Livelihood support package for the VMW
Thank you