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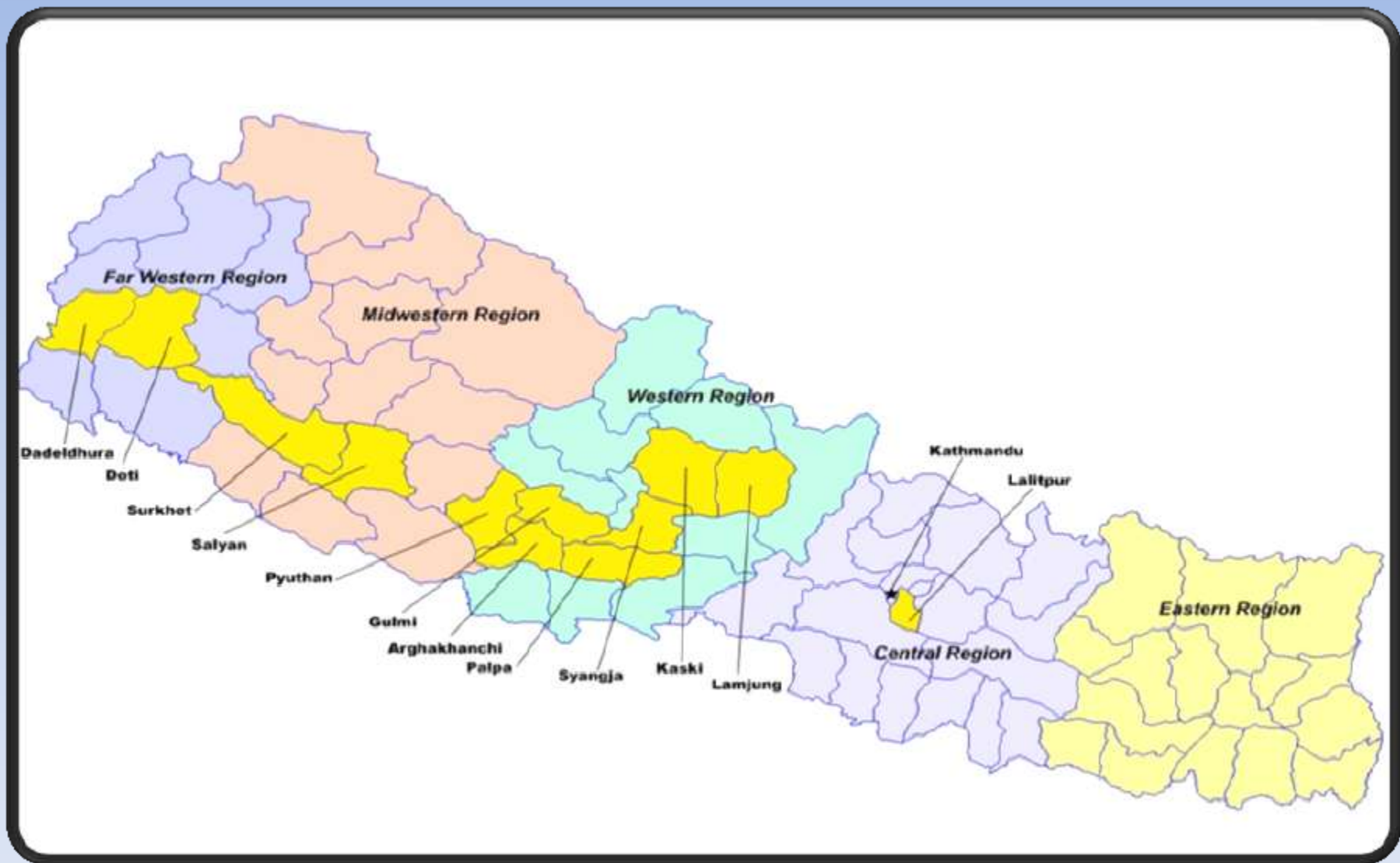
IDE Nepal MUS Program Summary:

- IDE has pioneered applying the MUS approach in Nepal
- MUS by design was first conceptualized and field tested by IDE Nepal in Palpa district in 2001 with SDC support
- MUS promotion begun with the USAID Smallholder Irrigation Market Initiative (SIMI, 2003-9). Prime Winrock provided a subgrant to IDE to implement the MUS program and provided policy support for promotion of the MUS approach
- MUS meet the water requirements for domestic need, while applying the 'excess' water for irrigation with the use of Micro Irrigation Technologies (MIT) for high-value crops
- MUS are developed in smallholder commercial pockets that enable access to inputs and markets
- Small point sources such as springs are utilized
- Social mobilization and capacity building key for user committee to operate and maintain the MUS.

- Allow for density of MIT adoption
- Investment less than \$100 per HH with annual returns around \$200 per HH
- IDE has developed 200 MUS serving 5,000 HHs (30,000 people)
- Multiple benefits also include improved health, nutrition and a reduction in workload of women
- There is now an understanding of MUS benefits and interest in Nepal
- The challenge for scale-up of the MUS approach is that traditional water supply and irrigation investments and policies have been done separately.



IDE Nepal MUS Sites



Recent Developments/Plans

- Implementing a new MUS initiative with support from DFID, USAID, government of Nepal, and renewable world foundation
- Program to design and demonstrate 8 solar lift MUS in the next year.
- In process to initiate 10 MUS jointly with Non Conventional Irrigation Project, Department of Irrigation
- The MUS approach has been recognized by the Nepal government, subcommittee of the IDE government advisory committee chaired by the secretary of agriculture and including the line ministries and its departments have recently reviewed and recommended the MUS approach. MUS is included in guidelines for local development block grants
- Planning to design and demonstrate low lift flat land MUS in the Nepal *terai* (plains)
- Pioneered application of Water Use Master Planning (WUMP) in two village development committees (VDC) integrating MUS



Thank you!



Photos taken by
Bimala Rai Colavito,
IDE Volunteer