

**“Bhutan: Adaptation to Climate-induced Water Stresses through Integrated Landscape Management in Bhutan”**





## Climate change adaptation rationale

- Bhutan is particularly vulnerable to climate change
- Most of the development policies follow a logic of adaptation to climate change
- The project proposal is based on the needs as stated by the communities involved
- Inline with the priorities identified in the national 5 year development plans
- Large scale participative and multisectoral collaboration - participation of different services of the government (watershed management, irrigation, agriculture, local government and hydro-met services).
- Motivated by a concern of quality delivery towards final beneficiaries and boosted by the opportunity given by AF







## Experience in finding information

- Lack of climate data on the ground
- Difficult to access to remote areas in the mountains and scientific interpretation
- Based on practical knowledge with cross-referenced with consultation with the population
- Organized special dialogue sessions in order to identify climate action needs and best practices
- Identified “no regrets” adaptation solutions, focusing on real and concrete activities in the field
- Provision of refining available knowledge of local needs in terms of climate change action during the future implementation of the project





- “A whole-mountain, top to bottom approach” - Take into account all the catchment area in order to have a better integration of eco-system, social and economic production units in the same geographical location
- High level of relevance in terms of **integrated resilience** and local adaptation
- The solutions identified correspond to those that are technically feasible, socially and economically acceptable and that best fit into a logic of eco-system protection to ensure sustainability
- Well arranged between stakeholders on the solutions to be implemented and their share within the proposal

## Project design approach



## Key resources & Challenges

### Resources

- Strong political support
- Water as a Flagship Program of the Government
- Willingness of the stakeholders
- Support from NDA

### Challenges

- Financial resource
- Technical expertise
- Reliable data





## Impact of COVID 19 Pandemic on the project proposal formulation



- Before the first COVID 19 case in Bhutan
  - ✓ Community consultations conducted
  - ✓ Stakeholder meetings completed
  - ✓ Write-shops organized
  - ✓ Visit by external expert
- During the COVID period
  - ✓ Collected inputs from different stakeholders
  - ✓ Compiled and sent to external expert
  - ✓ Review by external expert and comments
  - ✓ Incorporation of comments
  - ✓ Finalization of project proposal
  - ✓ Submission



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