# Needs Assessment: Renewable Energy Solutions for Enterprise Development in Hindu Kush Himalaya

Introduction to the Project





## Why the project?

- HKH region hosts a rich diversity of value chains supporting livelihoods of over 240 million people and providing significant goods and services for billions downstream
- Enterprises comprising value chains households, communities, MSMEs need to be strengthened and made resilient in the face of climate and development challenges
- A climate-compatible and inclusive growth and development strategy important for the Mountains and access to sustainable energy will be key
- Limited evidence base on energy needs across mountain value chains inhibiting evaluation and planning for sustainable energy solutions
- What opportunities do increasingly cost-competitive and locally available renewable energy solutions offer to support value chain and enterprise development in the mountain context?





#### How is the project designed?

Analysing renewables contribution for enterprise development



Assessing energy flows in selected value chains in HKH



Formulating a Regional Action Plan

**Guiding** questions

- Are renewables contributing to enterprise development?
- Under what conditions are these contributions possible?
- What are the energy flows across VCs?
- What are the challenges and opportunities for value creation?
- Can renewables meet energy need?
  Under what conditions?
- What are the key action areas for enhancing the contribution of renewables for enterprise development?

- Systematic review of 32 cases:
  Market, entrepreneurial orientation and local economy benefits
- Understand contextual and mechanistic factors

- Primary data gathering: Bamboo, tourism and yak milk value chains (two countries each)
- Structure of VCs, quant + qual inputs on energy use, gaps and challenges
- Based on the findings of Systematic Review and Case Study outcomes
- Validation through stakeholder consultation

Output: Published Needs Assessment and Case Studies

Output: Regional Action Plan for adoption

Methodology

## Why this consultation workshop?

- Convene different regional ecosystem actors enterprises across value chains, developers,
  enablers to discuss how renewables can contribute effectively to enterprise development
- Share findings from the systematic review and case studies (Session 1)
- Discuss key factors that could enhance renewable energy contribution to value chain strengthening and resilience of enterprises
  - Policy, technology and financing (Session 2)
  - Regional partnerships, market linkages and capacity development (Session 3)
- Gather feedback on key focus areas of the draft Action Plan onwards to endorsement and implementation (Session 4)





# Thank you!



