

# Renewable energy transitions

A comparative assessment of the  
Hindu Kush Himalaya, Andes, and Alps

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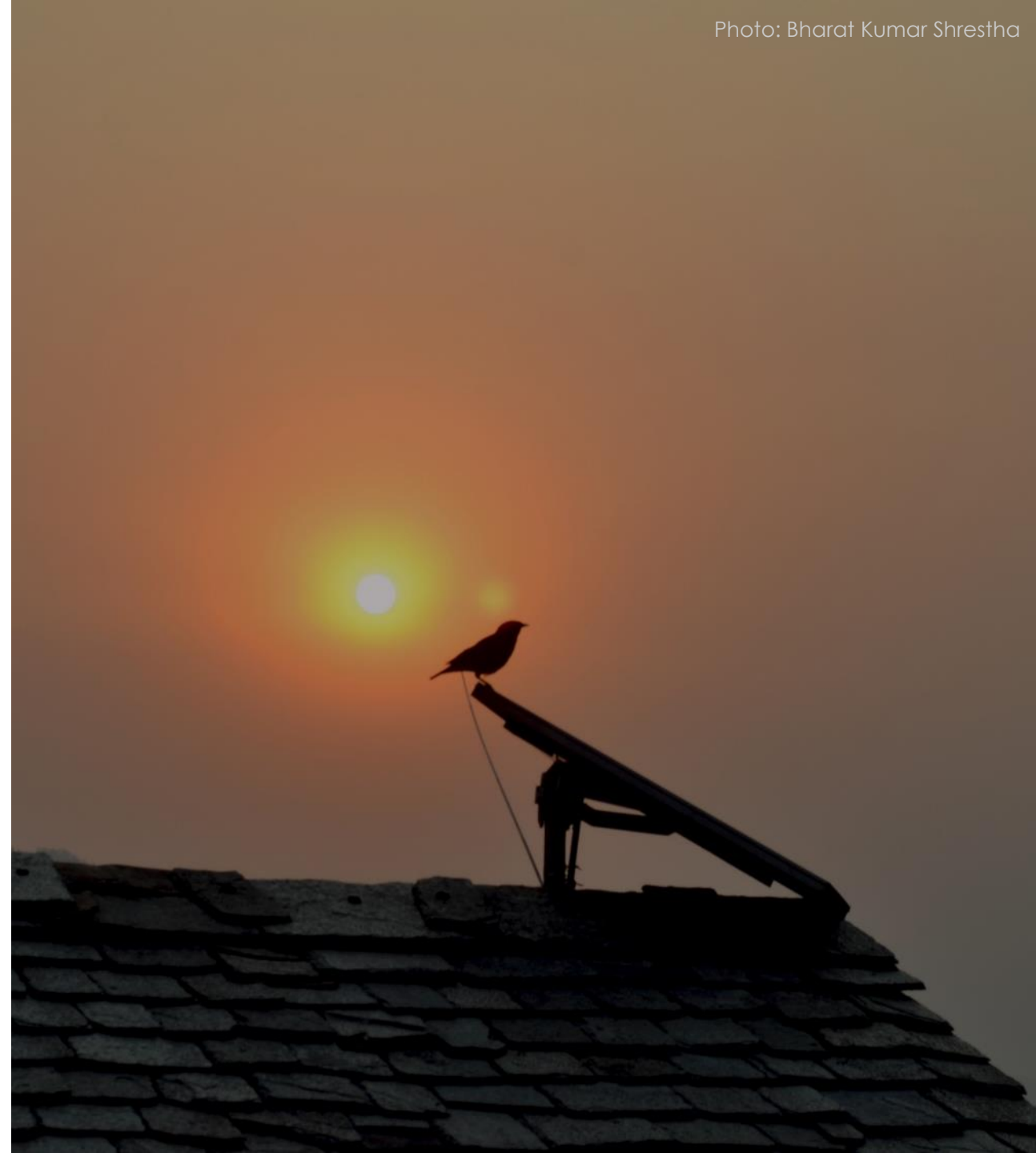
Workshop synthesis: 9<sup>th</sup> April 2021

# Thank you all for:

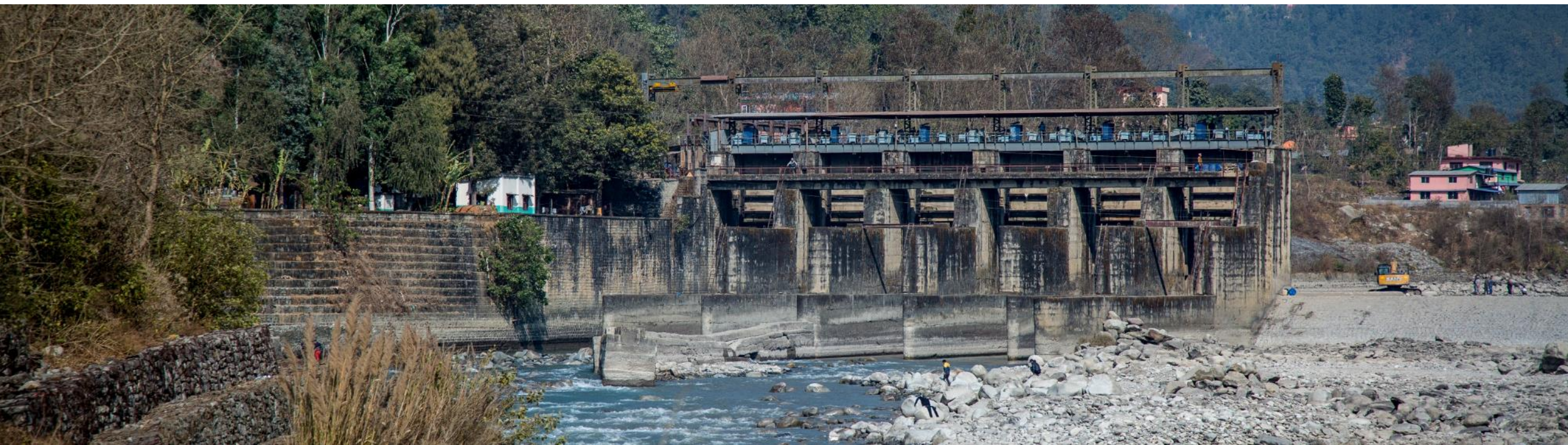
- Practical lessons learned and ways forward
- Multiple perspectives of researchers, practitioners, agencies and NGOs
- Theoretical and conceptual insights to advance current thinking and analytical frameworks
- Bridging critical mountain regions globally
- Next steps

# Challenges

- Supply diversification – carbon neutrality & beyond
- Demand management – current growth not a given
- Energy justice – equity in access and inclusive decision-making
- Climate resilience – carbon mitigation with transformative adaptation



- Hydropower in mountain energy systems
  - how is this understood in transition terms (as bridge energy to low-impact renewables, or low/zero-carbon alternative to fossil fuels, or both, or other)?
  - Scale of hydropower (and siting on smaller streams) vs. long-term feasibility of HP plants



## Governance of energy transitions

- Decision-making
- Decentralization
- Risk impact, assessment

Overcoming energy poverty through expanded access, localization

Community-centered development – sustainable livelihoods and sustainable development frameworks



# Topics identified but not adequately addressed in the workshop

- Biomass energy – itself a key resource in mountains (must consider cultural, gender, health, and other dimensions)
- Risk assessment and mitigation (from equity and impacts perspectives)
- (Please add)



# Synthesis workshop next steps

- Comparative case studies
- Video-blog documentation
- Policy briefs



Thank you!

