

HI-REAP

# A climate-resilient future with nature-based solutions

Nature-based solutions (NbS) are actions to protect, sustainably manage, or restore natural ecosystems that address environmental, social, economic, and gender-related challenges while simultaneously providing human well-being and biodiversity benefits.

NbS present an invaluable opportunity to mitigate the adverse effects of climate change while promoting sustainable development and safeguarding biodiversity. With emerging opportunities to pilot NbS in varying contexts, there is a growing body of evidence supporting their effectiveness.

The Himalayan Resilience Enabling Action Programme (HI-REAP) recognises the importance of NbS and integrates them as a core intervention for building green environments and fostering inclusive, climate-resilient communities in Bangladesh, Bhutan, China, India, and Nepal.

## Our vision

Scaled-up NbS in the region, through regional cooperation and collaboration for policy influence and investment

## Our approach

- Building the right policy frameworks and fostering government leadership
- Promoting gender equality and social inclusion and building ownership at all levels
- Fostering regional cooperation, developing strategic partnerships, and sharing good practices
- Developing proofs of concept for investment in scaling solutions

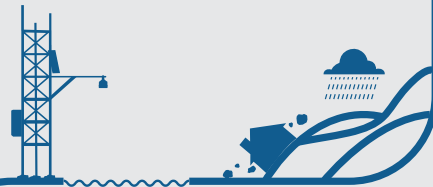
## Focus areas

HI-REAP aims to tackle societal challenges while also benefiting biodiversity and generating carbon co-benefits through:



### Water security

Scale up management of springshed areas – the land that contributes groundwater to a spring – to conserve, recharge and restore water resources, and promote efficient irrigation water use.



### Disaster risk reduction

Reduce disaster risk through sustainable land management and slope and riverbank protection, coupled with community-based flood early warning systems.



### Green mountain livelihoods

Enhance local livelihoods through the optimal use of ecosystem services; bioprospecting –exploration of bioresources that can be developed into commercial products, including high-value non-timber forest products; and investments in green enterprises.

