



ICIMOD



**Green, resilient & inclusive  
development in the  
Hindu Kush Himalaya**

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# Overview

1. The need for climate action in the HKH
2. Green, resilient & inclusive development in the HKH



# The need for climate action in the Hindu Kush Himalaya



# The climate emergency

## Even 1.5 Degrees is Too Hot for the HKH

...amplified by elevation dependent warming



HKH will warm more compared to global mean and warm more rapidly at higher elevations

—  $5.5 \pm 1.5^{\circ}\text{C}$  by 2100 relative to 1976-2005 at current emission trends

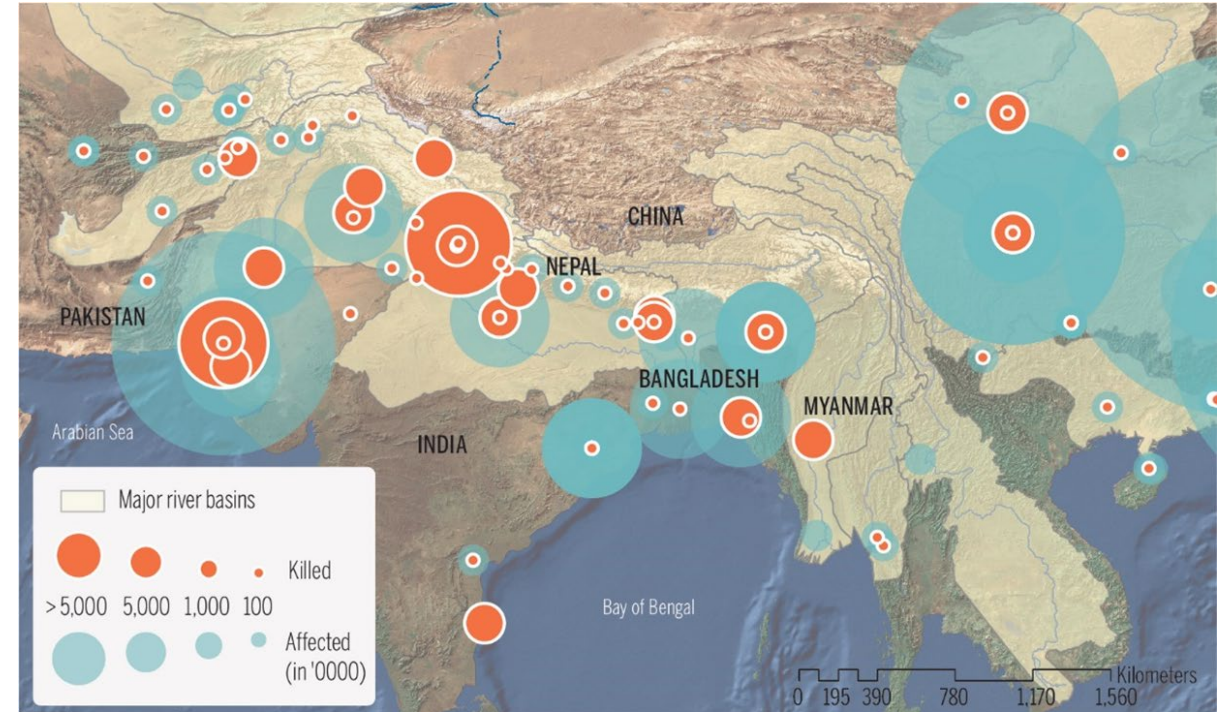
—  $2.5 \pm 1.5^{\circ}\text{C}$  by 2100 relative to 1976-2005 (RCP 4.5)

—  $1.8 \pm 0.3^{\circ}\text{C}$  (relative to pre-industrial) in a 1.5 degree world

For areas above 2,000m, if  $1.5^{\circ}\text{C}$  EOC then:

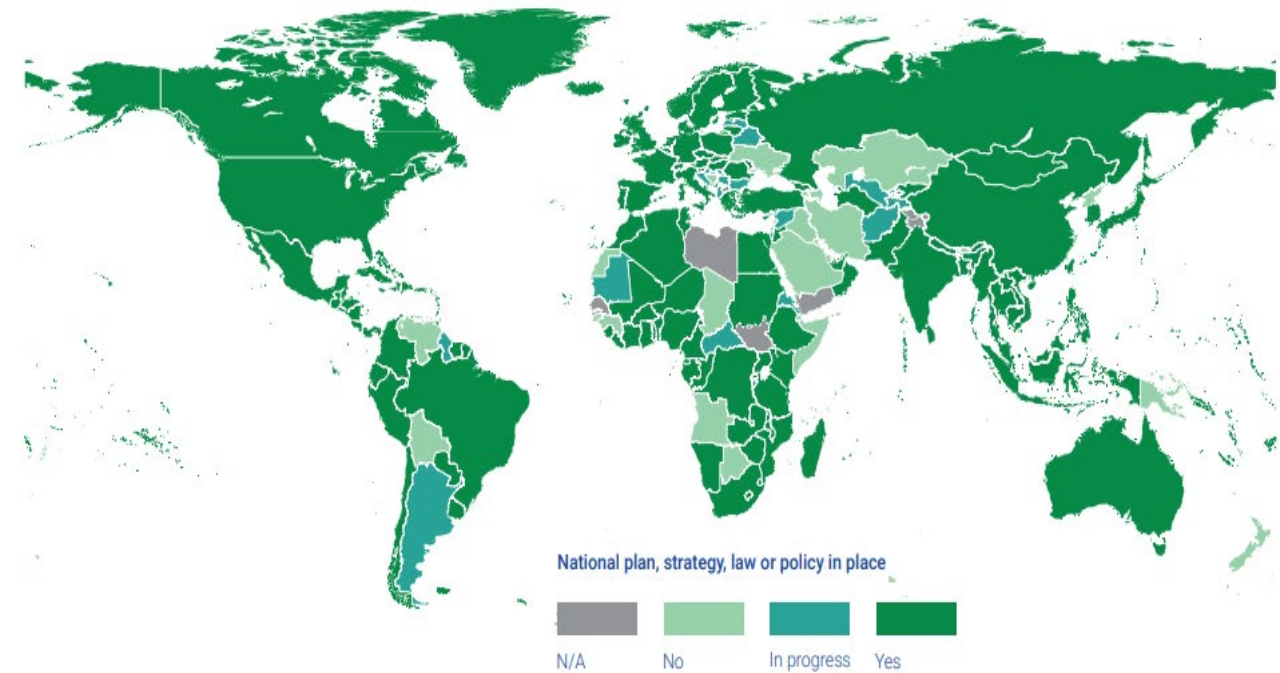
- Karakoram  $2.2 \pm 0.4^{\circ}\text{C}$
- Central Himalayas  $2.0 \pm 0.5^{\circ}\text{C}$
- Southeast Himalayas  $2.0 \pm 0.5^{\circ}\text{C}$

Source: HIMAP climate change chapter and Kraaijenbrink et al. 2017, Nature

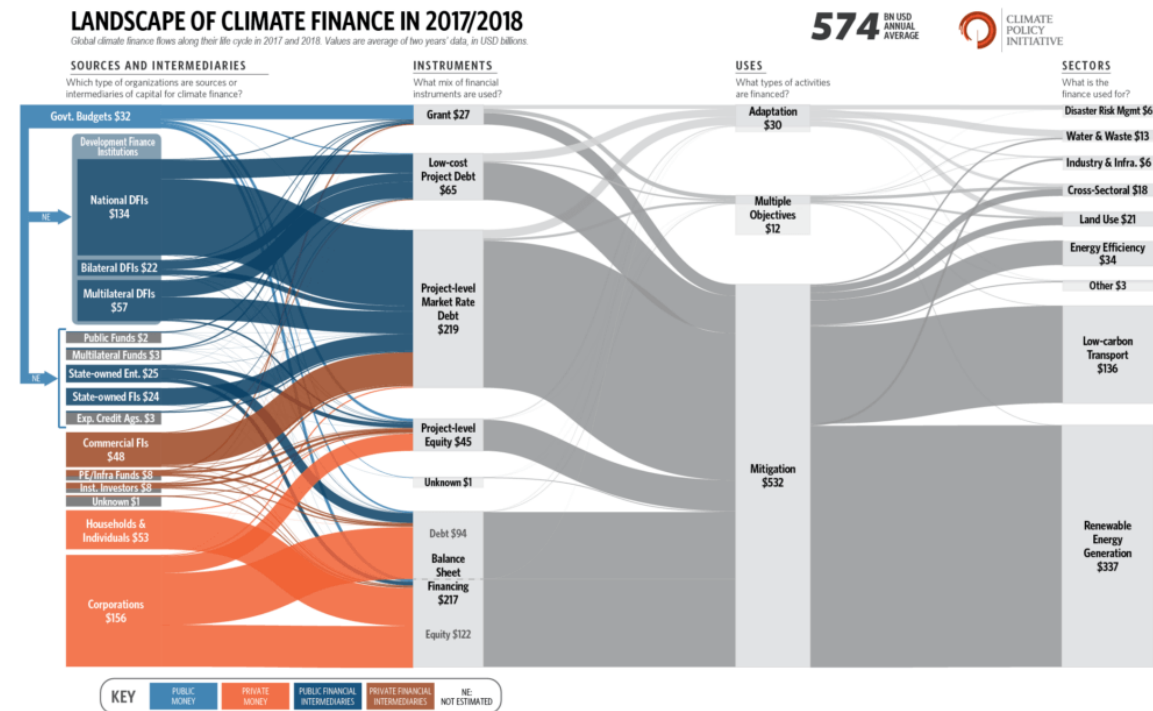


# The adaptation gap

## Status of adaptation planning



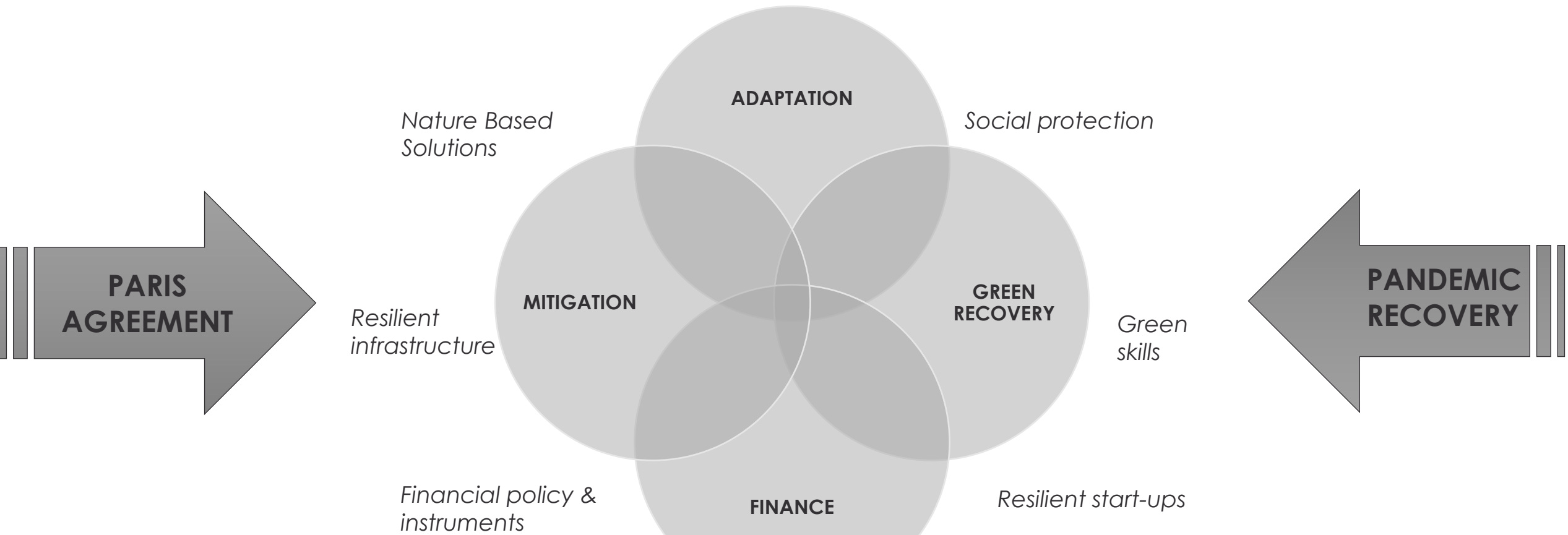
## Status of adaptation finance



**Opportunities for  
green, resilient & inclusive  
development in the  
Hindu Kush Himalaya**



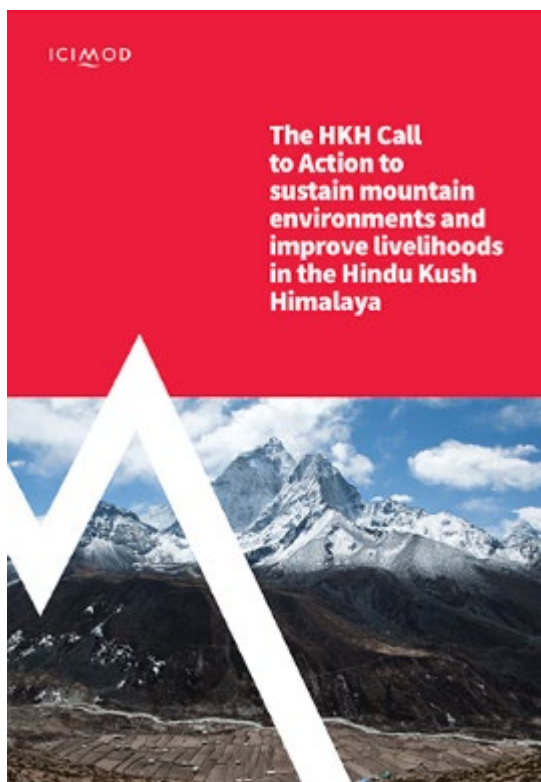
# Emerging climate priorities in the HKH



SECTOR
Energy
Nature
Finance
MSME
Agriculture



# HKH Call to Action



## Six urgent actions



Cooperate at all levels across the HKH region for sustainable and mutual benefits



Promote regional data and information sharing and science and knowledge cooperation



Take accelerated actions to achieve the SDGs and the nine mountain priorities



Enhance ecosystem resilience and halt biodiversity loss and land degradation



Recognize and prioritize the uniqueness of the HKH mountain people



Take concerted climate action at all levels to keep global warming to 1.5°C by 2100



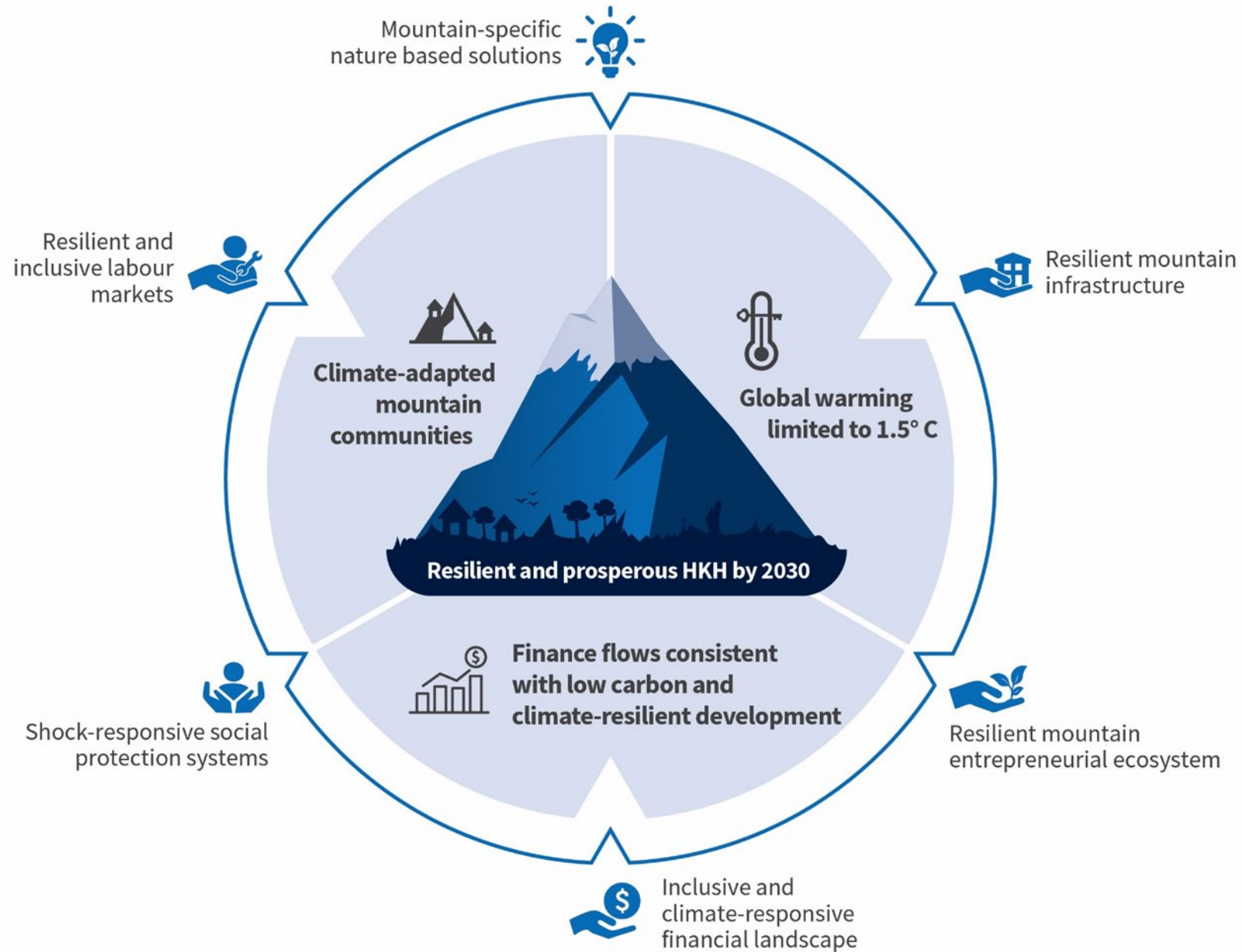
# #HKH2Glasgow

ICIMOD's campaign for UNFCCC COP26



# Green, resilient & inclusive development in the HKH

1. **Recognise the HKH as the pulse of the planet & a climate hotspot**
2. **Strengthen regional cooperation** to deliver climate action at scale and with speed
3. **Invest in mountain specific climate priorities**



**Thank you**



**Protect the pulse.**