

EvK2CNR Future Projects

Future Directions Building on Experience

The foundations

Glaciers & Students	Establishing the knowledge base through Pakistan’s glacier inventory
W4D	Studying glacier dynamics and water availability to support sustainable resource management and local livelihoods

The next steps

A4D	Combining air quality monitoring with sustainable practices, public health protection and stronger environmental governance
MDasCS	Scaling up climate adaptation, livelihood diversification and disaster preparedness through integrated valley development

Air for Development - A4D

Purpose
Protect public health and mountain ecosystems through cleaner air and stronger environmental management

- EUR 5 million
- Funded by MAECI through AICS
- Implemented by UNDP and EvK2CNR



Air Quality Monitoring and Data Management

Monitoring network
Outdoor and indoor air quality stations and sensors

Research
Outdoor campaigns, indoor health assessments and a regional black carbon study

Digital tools
Data hub, digital twins and an agri-silvo-pastoral information system



Lower-Emission Practices on the Ground

Agriculture and livestock
Equipment and training for more sustainable production

Forest regeneration
Restoration to protect soils and support carbon sequestration

Household energy and waste
Improved stoves and community waste collection and segregation



Local Governance and Community Capacity

Institutional capacity
Training on air quality monitoring, emission reduction and sustainable mountain management

Plans and procedures
Provincial emission-reduction and waste plans, supported by operating procedures for project assets

Community ownership
Awareness and learning to sustain the adoption of environmental practices

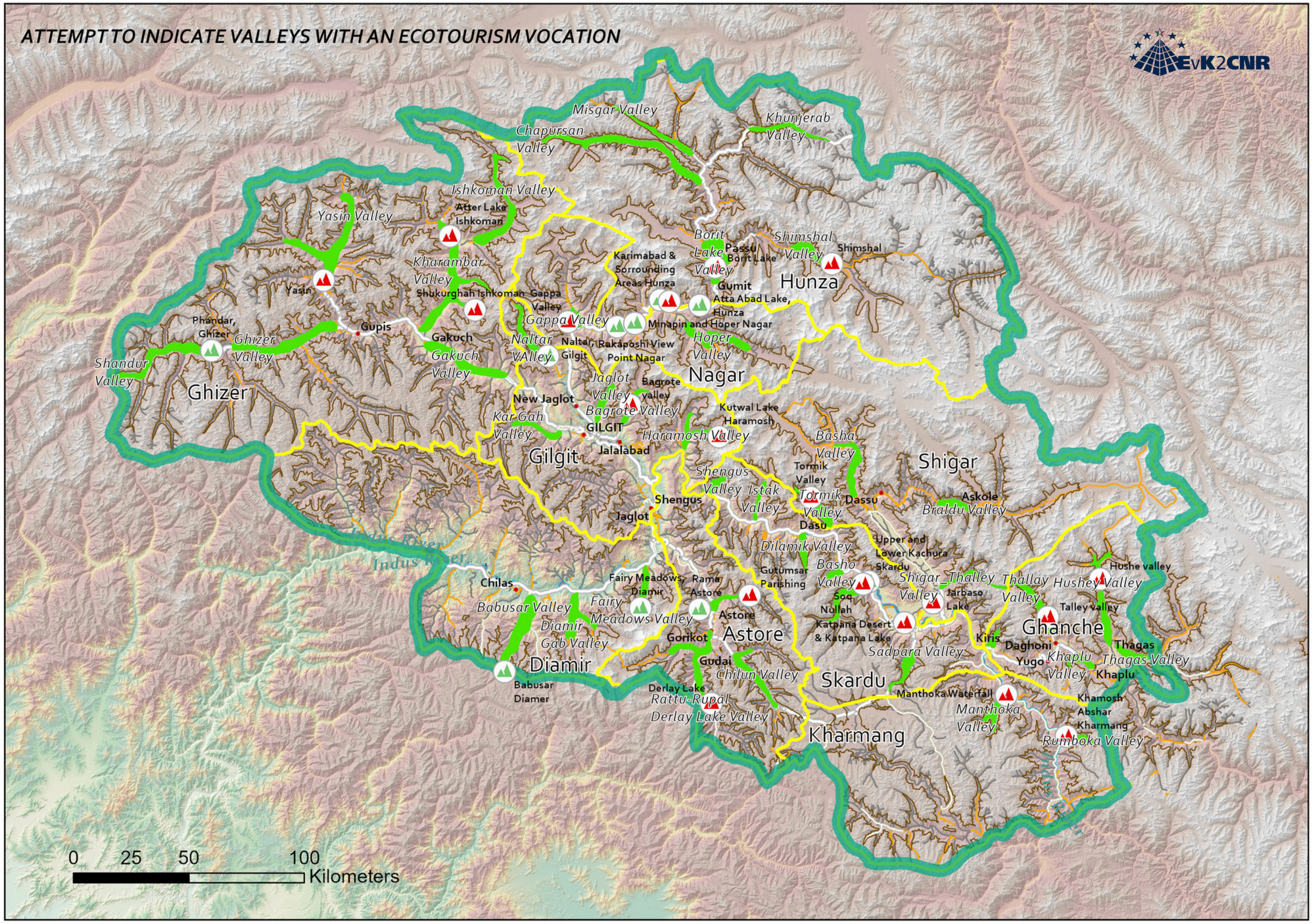


Mountain Development as Climate Sentinel

Purpose
Strengthen the resilience of mountain communities through integrated development across 54 valleys in GB

- EUR 62 million estimated (loan)
- Potentially funded by the Italian Climate Fund
- Implemented by UNDP and EvK2CNR in collaboration with the Government of Pakistan and the institutions of Gilgit-Baltistan




ATTEMPT TO INDICATE VALLEYS WITH AN ECOTOURISM VOCATION
EvK2CNR
Misgar Valley
Chapursan Valley
Khunjerab Valley
Ishkoman Valley
Yasin Valley
Kharambar Valley
Shukurghah Ishkoman
Gappa Valley
Borit Lake
Passu
Borit Lake
Shimshal Valley
Shimshal
Karimabad & Sorrounding Areas Hunza
Gumit
Atta Abad Lake, Hunza
Hunza
Yasin
Phandar, Ghizer
Ghizer Valley
Gupis
Gakuch
Gakuch Valley
Naltar Valley
Naltar
Gilgit
Rakaposhi View Point Nagar
Minapin and Hoper Nagar
Hoper Valley
Nagar
Shandur Valley
Ghizer
Jaglot Valley
Bagrote valley
New Jaglot
Bagrote Valley
Kutwal Lake
Haramosh
Kar Gah Valley
GILGIT
Haramosh Valley
Basha Valley
Jalalabad
Gilgit
Tormik Valley
Shigar
Shengus Valley
Istak Valley
Shengus
Tormik Valley
Dassu
Askole
Braldu Valley
Jaglot
Dassu
Dilamik Valley
Upper and Lower Kachura
Skardu
Basho Valley
Gutumsar Parishing
Shigar_Thalley Valley
Thallay Valley
Hushe valley
Hushey Valley
Soq Nullah
Jarbaso Lake
Talley valley
Chilas
Fairy Meadows, Diamir
Rama Astore
Babusar Valley
Fairy Meadows Valley
Astore
Katpana Desert & Katpana Lake
Ghanche
Diamir
Gab Valley
Gorikot
Astore
Kiris
Daghoni
Thagas
Sadpara Valley
Yugo
Khaplu Valley
Khaplu
Thagas Valley
Gudai
Chilun Valley
Skardu
Babusar Diamer
Derlay Lake
Rattu Rupal
Derlay Lake Valley
Manthoka Waterfall
Khamosh
Manthoka Valley
Abshar
Kharmang
Kharmang
Rumboka Valley
0 25 50 100
Kilometers

Integrated Valley Development

Climate adaptation and ecosystem regeneration
Restore degraded forests and pastures, stabilise slopes and improve soil and water management, introduce sustainable energy and waste systems

Livelihood diversification and sustainable tourism
Support green enterprises, develop eco-lodges and homestays, plan tourism corridors and train communities in sustainable production and tourism services

Digital environmental governance and disaster preparedness and response
Establish an environmental information centre for monitoring, forecasting and decision support, and provide local institutions with equipment and training for disaster preparedness and response

Long-Term Vision for GB

A progressive programme
Each initiative builds on previous experience, extending its scope and regional reach

A shared digital foundation
Strengthens national and local capacities for forecasting, informed planning and coordinated response

A shared purpose
Supports the development of Gilgit-Baltistan as a Green Province and the Water Bank of Pakistan




EvK2CNR