

Project Brief

Climate Proofing: Climate Proofing of Project Proposals

July 2024 – September 2025

Background

Pakistan is amongst the most vulnerable countries to the impacts of climate change. To cope with the challenges posed by climate change, the country has developed a National Adaptation Plan (NAP).

GIZ is supporting the implementation of NAP in Pakistan and as part of this program, it has partnered with NIUIP - UET Peshawar through a grant agreement titled Climate Proofing of Project Proposals to enhance climate-resilient planning and implementation. The project aims to equip public and private actors with the tools and knowledge to develop climate-proof plans and designs while supporting in the capacity building of KP government departments climate change adaptation.

Project Evaluation Framework: Selection of Projects

A Project Evaluation Framework (PEF) was developed in consultation with the KP Planning and Development Department, line departments, and stakeholders, incorporating factors like location, socio-economic profiles, provincial priorities, and adaptation strategy effectiveness. Ten projects across Health, WASH, Agriculture, and Infrastructure sectors of the NAP will be selected using this framework.

Climate Risk Assessment

The activity includes data collection, desk reviews, site visits, FGDs, KIIs, and climate profiling under different emissions scenarios. A detailed climate risk analysis will assess each project's vulnerability and exposure to understand potential climate risks and impacts.

Climate Proofing of Projects

Adaptation strategies for each project will address climate change impacts through:

Physical Interventions: Measures like grey infrastructure and nature-based solutions to protect communities from hazards such as floods.

Spatial Interventions: Adjustments such as optimal building orientation or facility relocation to adapt to rising temperatures and climate risks.

Community Interventions: Enhancing community resilience as a cost-effective adaptation approach.

Institutional Interventions: Strengthening resilience through capacity building and improved institutional processes.

Integration with Project Design

The above-mentioned assessments and adaptation strategies will be included in the project design by making them a part of the Planning Commission proformas, specifically the PC-IIs. Wherever possible, if the required technical investigations and surveys/studies for a project are available, then the PC-Is may also be developed.

Workshops

Consultation Workshop: Held on 26–27 September 2024, the workshop introduced project goals and methodology and sought feedback on the preliminary Project Evaluation Framework (PEF), which was subsequently refined.

Training Workshop: Aimed at equipping designated officials with skills for climate risk assessment, adaptation strategies, and aligning project designs with climate resilience mandates in Planning Commission proformas.

Validation Workshop: Targeted senior officials to review project activities, highlight contributions to climate adaptation, and showcase capacity-building efforts for government officials.

Knowledge Sharing Workshop: Gathered public officials, industry representatives, development partners, and academia to share project outcomes, lessons learned, and recommended strategies for climate adaptation.

Outcomes of the Project

- Climate risk assessment for 10 project locations
- Climate proof designs for 10 projects
- Capacity building of government personnel in climate resilient designs of infrastructure projects
- Implementation of NAP supported
- Knowledge products developed for climate change adaptation

Sectors and Government Stakeholders

Agriculture

Infrastructure

WASH

Health

- Planning and Development
- Communication and Works
- Irrigation Engineering
- Public Health Engineering
- Social Welfare and Women
- Empowerment
- Local Government and Rural Development
- Agriculture
- Forestry
- Health
- Education

Project Timeline

Consultative
Workshop
Sep '24

Selection of
Projects
Jan '25

Training
Workshop
Jul '25

Validation
Workshop
Sep '25

Project Evaluation
Framework
Dec '24

Climate Risk
Assessment
Feb - Jul '25

Climate proofing
of projects
Jul-Sep '25

Knowledge Sharing
Workshop
Sep '25

Completed

Ongoing

Planned