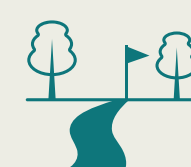




SAFEGUARDING RURAL COMMUNITIES

The GCF project aims to safeguard vulnerable communities and their physical assets from climate change-induced disasters. It also addresses institutional, financial and legislative barriers to increase the climate resilience of vulnerable small-scale rural infrastructure.


Development Challenges



Approximately 70% of Timor-Leste's population (840,000 people) live in rural areas. Their lives and livelihoods are highly exposed to climate change-induced hazards including flash floods, landslides, soil erosion, drought, in unfavourable terrain and difficult socio-economic conditions



Intensified extreme weather damages critical infrastructure, particularly water supply and drainage structures, embankments, and roads and bridges, leaving rural populations isolated and lacking basic services



According to climate change modelling, extreme climate events and related damage will at least double towards mid-century




Over 60% of Timorese are engaged in subsistence agriculture that is highly vulnerable to drought and flooding

Expected Outputs

- 1 **Develop, monitor and integrate climate risk information** into policies, regulations and institutions to inform climate resilient small-scale rural infrastructure planning and management
- 2 **Implementing climate proofing measures** to improve the resilience of infrastructure in vulnerable rural communities.


Expected Impacts



Comprehensive climate hazard mapping carried out and multi-hazard climate risk model developed for Timor-Leste and include floods, landslide, erosion and drought risks.



National policies, regulations and standards revised, methodologies and guidelines for climate proofing of infrastructure developed and adopted



130 climate resilient rural infrastructure units implemented in 6 municipalities (including 38 water supply systems, 47 rural roads and bridges, 25 rural irrigation schemes, 20 river/flood protection infrastructure.



implementation of 1500 hectares of reforestation and agroforestry interventions providing co-benefits for resilient rural infrastructure and improved livelihoods among 23,412 households



200 staff in respective line ministries such as MSA, MI-SSCP and MAF (both at national and municipality levels) trained including the application of new tools and technologies for climate-resilient infrastructure.

Quick Facts

Project Title

Safeguarding rural communities and their physical assets from climate induced disasters in Timor-Leste

Duration

January 2020 – January 2021

Government Counterparts

Secretary of States for Environment

Total Budget

\$ 59,443,867
GCF: \$22,356,805
Gov co-financing: \$36,687,062
UNDP: \$400,000

Target Beneficiaries

175,840 direct beneficiaries

Funded by



SDG alignment



Project Map

