



Mozambique Transport Corridors for Economic Resilience (SOP2)

Under the AAAP, the Global Center on Adaptation (GCA) has partnered with the World Bank to support climate adaptation action through the Transport Corridors for Economic Resilience (TRACER) Mozambique SOP2 Project. Project objectives are to improve regional transport connectivity, climate resilience, and road safety along the Nacala corridor in Mozambique. The project will contribute to Mozambique's regional trade facilitation and market integration agenda, which aims to expand commercial opportunities for small-scale farmers and increase the country's participation in regional and global value chains.

Adaptation Need

The Nacala Corridor, a strategic transport corridor connecting the inland provinces of Niassa and Nampula to the Port of Nacala, plays a pivotal role in regional trade, linking Mozambique with Malawi and Zambia. As an economic corridor serving both agricultural and mining zones, its reliability is essential to economic growth, poverty reduction, and regional integration. However the corridor is increasingly affected by the compounded impacts of climate change, Recent events have demonstrated the corridor's acute vulnerability to climate extremes. Notably, Cyclone Jude (2025) caused extensive infrastructure damage, restricting access along the key corridor for days. With only 25% of Mozambique's road network paved and limited resources allocated to maintenance, the capacity to cope with these hazards is limited.

GCA's Added Value

GCA is leveraging their experience, a combination of past climate risk assessments in Mozambique with adaptation solutions for road infrastructure, to inform the investment's appraisal phase. GCA support includes climate risk screening, informing climate risk and vulnerability assessments of the road corridor and supporting economic rationale, identification and prioritization of solutions for climate resilient road design, operations and maintenance. GCA will also support capacity building for resilient transport planning at a national level through a Masterclass on Climate Resilient PPPs.

Total Investment Value Influenced

\$123.30M

Beneficiaries

2.00M

IFI Implementation period

2025 - 2029

Program

Infrastructure and NbS

Partners

World Bank

Status

In progress



PROJECT GOALS

Mainstreaming Adaptation and Resilience

GCA is supporting the World Bank and the National Road Administration (ANE) with decision-making on adaptation investments and ways to embed climate resilience measures in project implementation. Climate Risk Screening of the Nacala Corridor carried out by GCA show the total length of roads along the corridor exposed climate hazards will consistently rise in the future, with direct damages from fluvial flooding alone projected to increase by 80% compared to today's baseline under an RCP8.5 scenario. 75% of this fluvial risk was found to be concentrated along the Nova Freixo-Nampula road section, highlighting the need for targeted interventions that address exposure and vulnerability hotspots along the corridor to ensure effective allocation of resources. Building on the risk screening, and leveraging past studies, GCA has shared key insights on benefits of proactive adaptation, to directly inform the project's Appraisal to strengthen the case, and secure budget, for adaptation and climate resilience action under the Investment Project. GCA's engagement in the TRACER Mozambique SOP2 provides a clear value-for-money case, leveraging prior technical analysis of climate risks in Mozambique and supporting implementation of adaptation solutions for road design, operations, and maintenance.

Expected Outcomes

GCA will facilitate effective, efficient, and sustainable outcomes on:

124 km of road rehabilitated with climate resilient standards.

Improved access to transport and services for rural communities and to support agricultural production chains in the Nacal corridor basin

Enhanced climate resilience and road safety along the Nacala corridor

TIMELINE

GCA Support Status

Technical Assistance Preparation

GCA Support Implementation

June, 2025

GCA Support Completion

Monitoring

Project Investment Value

Total Investment Value
\$123.30M

IFI INVESTMENT VALUE

\$123.30M

OTHER INVESTMENT
VALUE

N/A

IFI partners



THE WORLD BANK

World Bank

CONTACTS

GENERAL MEDIA INQUIRIES

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REQUEST FOR INFORMATION

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RELATED ARTICLES & RESOURCES

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