

# Leveraging Nationally Determined Contributions to achieve net-zero emissions and climate-resilient development in response to the climate emergency



**COUNTRY:** Malawi

**PROJECT TITLE:** Leveraging Nationally Determined Contributions to achieve net-zero emissions and climate-resilient development in response to the climate emergency

**PROJECT DURATION:** March 2022 - March 2023

**PARTNERSHIPS:** Environmental Affairs Department of Ministry of Natural Resource and Climate Change, Ministry of Energy and Local Governments, Embassy of Japan, JICA Malawi and Japanese firms and NGOs

**BUDGET:** US\$ 3,827,726

## DEVELOPMENT CHALLENGES

The NDC forecasted that the energy sector emissions would rise from 25% in 2017 to around 57% by 2040. Approximately 90% of the population uses traditional biomass (firewood and charcoal) for energy (GOM, 2018), causing both climate and environmental consequences. Access to electricity is very low (estimated at 10% JICA Malawi Office, 2018). High dependency on biomass for energy needs continues to contribute to an unprecedented decrease in forest cover, which in turn contributes significantly to GHG emissions.

Deforestation and land degradation resulting from agricultural and settlement expansion, charcoal production, fuel wood extraction and unsustainable timber production diminishes natural capital and contributes to emissions.

The achievement of the expected results under this project is dependent on the level of cooperation from the national government, district administrations, local authorities and beneficiary communities. Acceptance of new technologies, such as LPG and improved cooking stoves, among the population remains a challenge.

## OBJECTIVES

The project builds on UNDP's Climate Promise to support the implementation of the NDC through improving access to clean and affordable energy, ecosystem and landscape restoration and climate-resilient agriculture systems.

## PROJECT OUTPUTS

**Output 1:** Scaled-up adoption and implementation of climate-resilient infrastructure technologies related to energy for greening the environment.

**Output 2:** Strengthened implementation of forestry landscape restoration measures to enhance ecosystem management and improved climate-resilient agricultural practices.

## CONTRIBUTION TO SDGS

The project will contribute to SDGs 7, 13, 15

