

Energy Efficiency in Public Buildings and Infrastructure Programme (EEPBP)

Objectives

South Africa aims at catalysing energy efficient (EE) transformation in public sector buildings and infrastructure like street lighting, traffic lights, water supply and wastewater treatment. A comprehensive national framework is established for policy and market transformation.

Activities

- The NAMA Support Project (NSP) supports energy efficient (EE) transformation in public sector buildings and infrastructure by using the procurement potential of the public sector to strengthen the market for Energy Service Companies (ESCOs) as agents for EE investment.
- It improves access to financial services for ESCOs through the banking sector by establishing a guarantee fund and incorporates already existing expertise in identifying EE potentials in public buildings and infrastructure into which ESCO investment is invited.
- It uses NAMA Facility funding to mobilise public and private sector investments in a 1:4.5 ratio over 5 years. It contributes to coordination among national departments and with local government, leading to a mitigation of 3,123 ktCO₂ after 5 years.

Impacts

The project will directly reduce 4.2 Mt CO₂e through the lifetime of its interventions, with the cost efficiency of 16 EUR/tCO₂e during the intervention's duration.

Project Details

Main Partner:

Department of Environment, Forestry and Fisheries (DEFF), Department of Mineral Resources and Energy (DMRE), Department of Public Works and Infrastructure (DPWI)

Other Project Partner:

Carbon Trust, Industrial Development Corporation (IDC), National Business Initiative

Implementing Entity/Organisation:

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

Country:

South Africa

Duration:

01.08.2018 - 31.12.2026

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Implemented Nationwide