



renewable
energy
& energy
efficiency
partnership



7th funding cycle project profile

Energy regulatory framework for Namibia

Funded by
United Kingdom

Programme sector
Renewable Energy & Energy Efficiency

Programme component
Regulation

Background

Namibia imports more than 50% of its electricity imports from neighbouring countries: South Africa, Zimbabwe, and the Southern African Power Pool. Electricity is mainly derived from fossil fuels, and all petroleum products are imported, so the security of energy supply is vulnerable.

To reduce the reliance on imports, Namibia is incorporating renewable energy into its short to long term development planning, and is aiming to develop a comprehensive set of regulations and acts, including a Namibia Energy Regulatory Framework, a Renewable Energy Act and an overall Energy Efficiency Act.

Project purpose

To assist the key energy stakeholders in Namibia in creating a comprehensive new energy regulation framework for the country which takes into account the promotion of renewables and energy efficiency, and facilitates fair market access, return on investment, quality of supply, standards, market support structures and incentives.

Main activities and outputs

- Undertake macro-economic analysis of energy generation options for Namibia, recommend renewable energy targets

- Design elements of the envisaged Renewable Energy Act, including the best regulatory and support mechanisms (quotas or feed-in-tariffs) to support RE generation
- Recommend which institutions to be mandated to administer specific acts, laws and provisions of the framework
- Propose financial incentive structures for renewable energy and energy efficiency, including tax incentives, rate structures and efficiency incentives
- Identify and establish technology and performance standards including certification schemes, interconnection standards, RE and EE building codes and appliance labelling schemes
- Hold stakeholder consultations in policy formulation and develop training
- Establish energy information clearing house, devise an educational and information campaign

Expected impacts

- renewable energy and energy efficiency fully integrated into the new Namibian energy framework
- Creation of a favourable climate for large-scale investment in renewable energy and energy efficiency,
- Reduced greenhouse gas emissions and increased energy efficiency
- Employment growth in clean industries and increased energy security