



## Energy Efficiency Monitoring and Implementation Project

**The Project aims to influence policy and build capacity on energy efficiency. It will develop and support the introduction of a monitoring system of the government's Energy Efficiency Strategy and implementation at the national and municipal level, with a particular focus on the building sector.**

### Background and Challenges

South Africa launched its National Energy Efficiency (EE) Strategy in 2005 with an ambitious objective of a 12% reduction in final energy demand by 2015; the strategy was reviewed in 2008 and is currently under review in 2011. National research indicates energy efficiency in the building industry as one area for cost-effective emissions reductions.

The EE Strategy sets an energy saving target for the residential sector at 10% demand reduction and for the public and commercial sectors at 15% by 2015. Although the country has a clear strategy for energy efficiency, implementation and monitoring of progress remain a challenge because of knowledge and resource capacity constraints, both at national and - in particular - local level.

Recognising this challenge, the National Department of Energy (DoE) and the South African Local Government Association (SALGA) have requested the Swiss Agency for Development and Co-operation (SDC) to assist with establishing the energy efficiency target monitoring system, as well as kick-starting the implementation of the Energy Efficiency Strategy – with special focus on the building sector - at national and municipal level.

### Project Goal

The objective of the project is to develop and support the introduction of a monitoring system of national energy efficiency targets, and the implementation of energy efficiency - with a focus on the building sector - at national and municipal level.

### Results to Date

The following process results have been achieved between 2010 and 2011:

- Agreements were signed with SALGA and the DoE in 2010
- Two technical advisors were appointed at DoE and SALGA
- Memoranda of Agreements have been signed with SALGA and 5 pilot municipalities
- A consortium of international and local service providers has been identified to assist in setting up the energy efficiency target monitoring system





## Activities and Expected Results

The project will be implemented in partnership with the DoE, SALGA and five pilot municipalities across the country: Mbombela, King Sabata Dalindyebo, Sol Plaatje, Rustenburg and Polokwane Municipalities.

The following outcomes are expected:

- The DoE and local governments support the implementation and monitor the achievement of the Energy Efficiency Strategy with specific interventions in the building sector; and
- Institutional capacity is in place and operating at national and local government level to implement and monitor energy efficiency.

### Funding

CHF 3.8 million (approximately ZAR 28,5 million)

### Time Frame

April 2010 to December 2013

### Partners and Alliances

Department of Energy  
South African Local Government Association  
Pilot municipalities (Mbombela, Sol Plaatje, Rustenburg, Polokwane,  
King Sabata Dalindyebo)  
South African National Energy Development Institute (SANEDI)  
Eskom  
Department of Trade and Industry  
National Treasury  
National Energy Regulator of South Africa (NERSA)  
Department of Environmental Affairs  
Statistics South Africa

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