

Making your industry greener SANAS support



Introduction

The South African National Accreditation System (SANAS) is recognised by the South African government as the sole national accreditation body that gives formal recognition to conformity assessment bodies (CABs) through the Accreditation for Conformity Assessment, Calibration and Good Laboratory Practice Act (Act No. 19 of 2006).

SANAS's responsibility is to provide an independent assessment (by experts) on the competence of (CAB) that perform certifications, measurement and verification, validation and verification tests or inspections against a schedule of accreditation.

The CABs include:

Certification bodies

Energy efficient measurement and verification bodies

Greenhouse Gas (GHG) validation and verification bodies

Laboratories

Inspection bodies

These SANAS accredited CABs provide conformity assessment services to South African organisations that manage and save energy, reduce their GHG (Greenhouse Gas) emissions and operate in an environmentally sustainable manner

For a list of SANAS accredited conformity assessment services go to www.sanas.co.za



SANAS Support to South African organisations

In addressing climate change, countries including South Africa are developing policies to reduce their resource consumption, energy consumption as well as the carbon intensity of their economies.

South African organisations are also moving to a future in which they increasingly have to manage and save energy, reduce their GHG emissions and operate in an environmentally sustainable manner because organisational performance is no longer measured only on the profits made for the year but also on how sustainable and environmentally friendly they made those profits. Energy and environmental management as well as climate change response plans have become some of the key performance indicators in the measure of organisational performance.

The South African National Accreditation Systems (SANAS) supports South African organisations efforts to make their industries greener by providing accreditation programmes that gives credibility to and confidence in energy efficiency, GHG emission, energy and environmental management data, ensures measurement accuracy of results and supports organisation's sustainability decisions

SANAS provides the following accreditation programmes:

The accreditation programme for certification bodies that validate and verify Greenhouse Gas (GHG) emissions of organisations and programmes

SANS/ISO 14 064 helps organisations to quantify their Greenhouse Gas emissions and communicate on them.

SANS/ISO 14 064 and SANS/ISO 14 065 provide an internationally agreed framework for measuring GHG emissions and verifying claims made about them so that "a ton of carbon is always a ton of carbon".

Using a SANAS accredited validation and verification body , improves the integrity, transparency and credibility of data used for organisational GHG assertion statement.



The accreditations programme for inspection bodies that measure and verify energy efficiency

SANS/ISO 50 010 helps organisations who wish to measure and verify their energy saving.

SANAS accredited measurement and verification bodies will conduct energy saving calculation in accordance with the SANS/ISO 50 010.

The accreditation programme for certification bodies that certifies energy management systems (EnMS)

SANS/ISO 50 001 helps organisations to save money, conserve resources and tackle climate change through the use of an Energy Management Systems (EnMS).

Organisations that have implemented Energy Management Systems (EnMS) and want their management system to be certified should use SANAS accredited certification bodies. Accredited certification bodies bring integrity and credibility to the implemented management system.

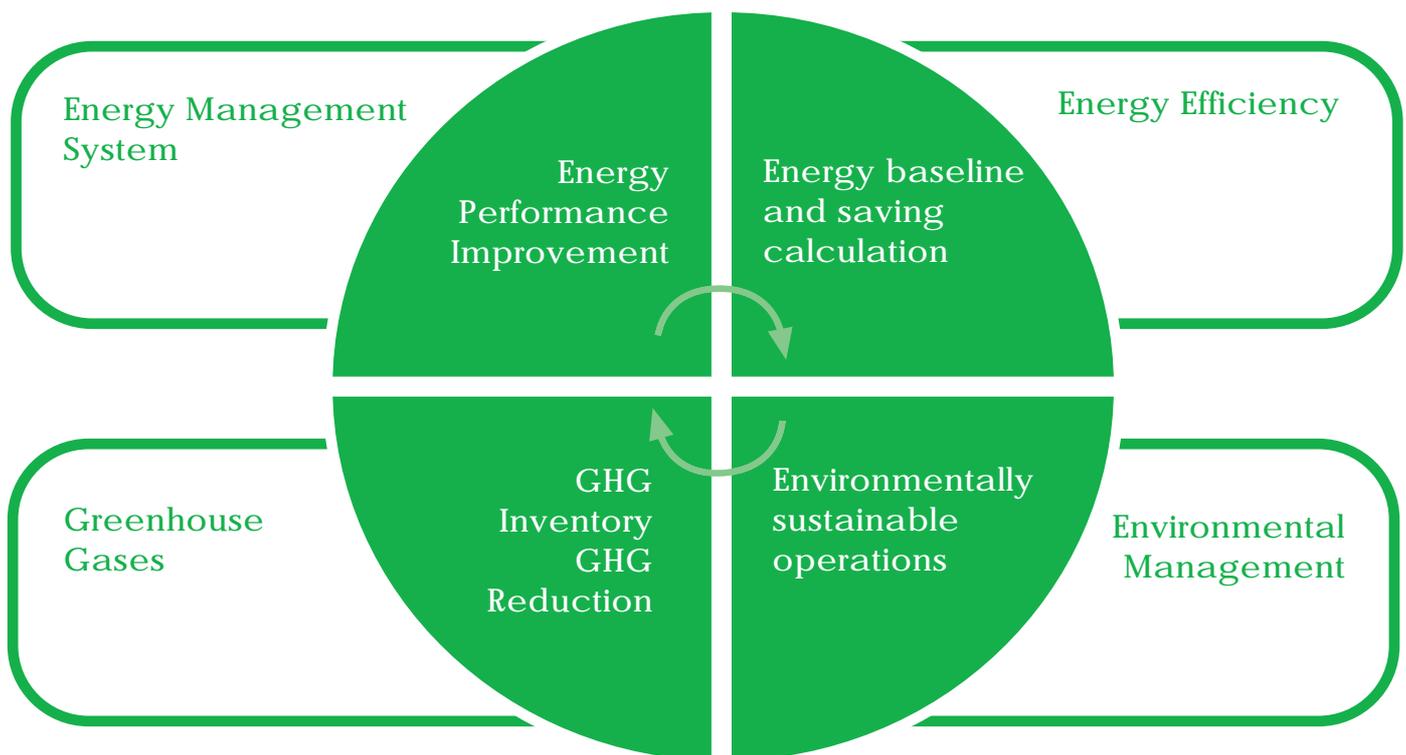
The accreditation programme for certification bodies that certifies Environmental Management Systems

SANS/ISO 14 001 will contribute to any organisation's objectives to operate in an environmentally sustainable manner. The overall aim of the SANS/ISO 14 001 is to support environmental protection and prevention of pollution in balance with socio-economic needs.

Organisations that have implemented Environmental Management Systems (EMS) and want their management system to be certified should use SANAS accredited certification bodies. Accredited certification bodies bring integrity and credibility to the implemented management system.



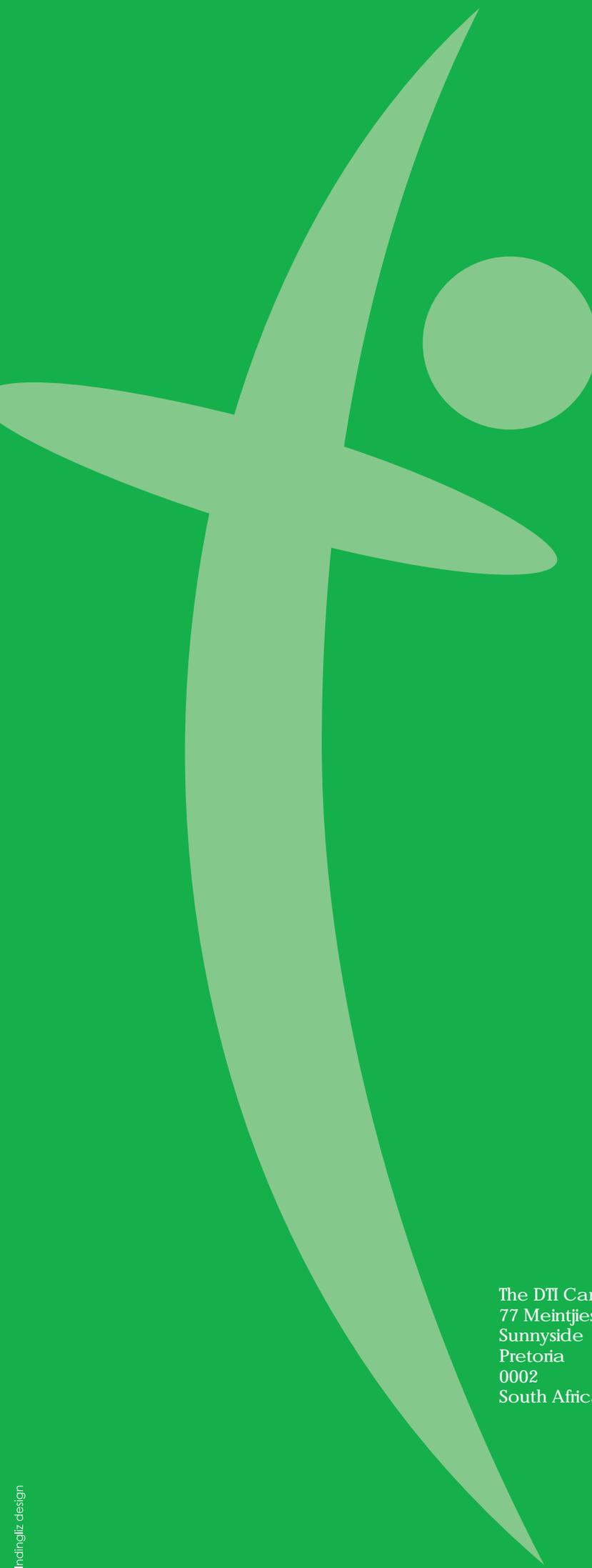
Linkages between the SANAS accreditation programmes that support organisation's efforts to make their industry greener.



Conclusion

Energy costs and climate change are impacting organisations globally and in South Africa. Therefore, energy management, energy efficiency and environmental management have become important for the reduction of energy costs and reduction of Greenhouse Gases emissions.

SANAS provides to South African organizations a pool of accredited CAB's. Using these CAB provides benefits such as enhancing the consistency, transparency and credibility of data, ensuring measurement accuracy and supporting organisations when they make sustainability decisions.



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