

Salary Band 4T	Technical Advisor: Energy Efficiency
Reports to:	Component Manager: Energy Efficiency
Duty Station	Hatfield, Pretoria
Duration	Until 31 December 2025

1. BACKGROUND

The **South African German Energy Programme (SAGEN IV)**; funded by the German Government and implemented by the **Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)** in cooperation with the **Department of Mineral Resources & Energy (DMRE)** supports renewable and energy efficiency stakeholders to maximize the opportunities presented by the energy sector. SAGEN IV focusses on renewable energy and energy efficiency and aims to maximise investment in these sectors. In renewable energy the work centers on improving grid access and stability in the light of more large-scale renewable energy plants being connected to the grid, as well as support to increase high quality rooftop photovoltaic installations. In energy efficiency, SAGEN works closely with the Department of Mineral Resources and Energy (DMRE) to ensure that municipalities and other role-players implement energy efficient measures to reduce electricity consumption as well as greenhouse gas emissions.

Activities in energy efficiency include:

- Support to municipalities on the implementation of Municipal Energy Management System (MEMS).
- Collaboration with municipalities to implement energy efficiency measures and technologies to reduce municipal consumption of electricity.
- Support municipalities to invest in more energy efficient technologies.
- Provide dedicated support to DMRE and SANEDI on the roll-out of energy performance certificates (EPC's) for public and privately owned buildings.

The Technical Advisor is expected to lead and support SAGEN 's energy efficiency initiatives with the DMRE; Lead the implementation of SAGEN's support activities to the DMRE's EEDSM programme; Lead the implementation of the second-phase of SECO funded energy efficient streetlighting retrofit project (EESTLRP) activities, including the coordination of SAGEN's support activities to the LED Demonstration Walkway project; and to coordinate SAGEN's support activities to the South African national Energy Institute (SANEDI). In addition, the Technical Advisor will support the coordination of the Municipal Energy

Management Systems (MEMS) activities and ensure alignment with other activities such as the EEDSM.

A. RESPONSIBILITIES AND TASKS:

The **Energy Efficiency Advisor** expected to undertake the following tasks:

1. Lead the implementation of the SAGEN capacity building and support concept for the DMRE EEDSM Team:

- Lead the provision of technical support to the municipal Energy Efficiency and Demand-Side Management programme. This includes the review and improvement of monitoring and evaluation tools; contribute the application of these tools to improve the overall monitoring and evaluation of the programme and impact demonstration; and support data collection and analysis for reporting purposes.
- Support EEDSM municipalities in ensuring compliance to the conditions set out in the Division of Revenue Act and to successfully complete planned projects. This will include undertaking site visits, monitoring their monthly and quarterly reports, identifying project risks, and proposing remedial interventions.
- Support the execution of the action plans for the implementation of the procurement framework for the EEDSM programme.
- Conceptualise and support the integration of best practices from aligned programmes into the EEDSM, i.e., MEMS and EEPBIP, in order to improve the performance and the sustainability of the programme.

2. Lead the implementation of SECO co-funded Energy Efficient Streetlighting Retrofit Project (EESStLRP) activities, including the LED Demonstration Walkway project. This includes but not limited to:

- Conceptualise and undertake consultations with project partners on EESStLRP follow-up activities. Ensure alignment of EESStLRP activities with the DMRE's EEDSM programme and other relevant energy efficiency initiatives.
- Coordinate the hand-over activities and events for the work done under the EESStLRP.
- Support the preparation of bi-annual progress reports and Close-out reports to SECO.

3. Lead SAGEN's support to SANEDI energy efficiency activities

- Support SANEDI's energy efficiency activities.
- Work with SANEDI to improve and create awareness on the SANEDI Energy Efficiency Lighting tool (SEEL).
- Work with SANEDI and the DMRE to conceptualise and implement GIZ support activities to the Energy Performance Certificates (EPC) programme.

4. Other Tasks:

- Provide inputs to ToRs for the assignment of external service providers and steer contracting procedures together with GIZ contracts department.
- Give technical inputs to the studies conducted on behalf of the Department of Mineral Resources and Energy and GIZ SAGEN.
- Compile briefings on latest developments in the programmes being supported by the Advisor.
- Monitor and report on progress with assigned tasks and projects.
- Support knowledge management for the project as a cross-cutting issue.

5. General Responsibilities:

- Link the EEDSM, EEPBIP and SECO streetlighting activities with other activities in SAGEN as well as other ODA-funded bilateral energy project activities undertaken within the framework of development/climate cooperation and implemented by GIZ or other organisations and identify synergies with other ministries' activities of energy sector relevance.
- Provide input into SAGEN programme administration, management and development as required.

B. REQUIRED QUALIFICATIONS, COMPETENCIES AND EXPERIENCES**Qualification**

- Post-graduate University degree in an area related to SAGEN's objectives – e.g., environmental science, engineering ideally with a focus on electrical engineering, energy efficiency or renewable energy.

Professional Experience

- 6 to 8 years related Work experience in the field of sustainable development and/or energy efficiency.

- Ability to work independently in a structured, methodical manner whilst being a team player.
- Excellent writing and communication skills; fluency in English.
- Administrative, organizational and project management skills.
- Very good computer skills (Microsoft office with specific emphasis on Excel).

Other Knowledge, Additional Competences

- Overview knowledge of energy policy, renewable energy, and energy efficiency.
- Willingness to support the implementation of technical projects that may arise on an adhoc basis.
- Willingness to work in a multi-disciplinary environment.
- Willingness to travel up to 30 % of the time for site visits and other related engagements in all partner institutions across South Africa.

C. ADDITIONAL INFORMATION

- This position will be based at the GIZ Offices in **Hatfield, Pretoria**.
- At GIZ, you will be offered global network and an atmosphere that is characterised by diversity, respect, and genuine equal opportunities. Gender equality promotion is a matter of course for us.
- GIZ is a signatory of the Diversity Charter. Recognition, appreciation, and inclusion of diversity in the company are important to us. All employees shall be valued - regardless of gender and gender identity, nationality, ethnic origin, religion or belief, disability, social background, age, or sexual orientation.
- GIZ would like to increase the proportion of employees with disability. Applications from persons with disabilities are most welcome.
- The successful candidate will be expected to start full-time employment with GIZ on a fixed-term contract as soon as possible.
- The contract period for this position is until **31 December 2025**.

D. APPLICATION PROCESS

GIZ will only assess applications which meet the following criteria:

Suitable candidates should apply by submitting a

- **Cover Letter (concisely 1 page)** clearly stating your motivation for applying for the position and as well as salary range expectation.
- A detailed CV.
- Proof of eligibility to work in South Africa (copy of SA ID).

The application should be submitted to: recruit-pretoria@giz.de, with the following email subject line “**Technical Advisor: Energy Efficiency**” for the attention of Head of Human Resource.

Closing date for applications: **02nd of October 2023.**

**Only applicants shortlisted for interview will be contacted.
Applications without a Cover letter will not be considered!**