Salary Band 4T	**Technical Advisor:** **Focus:** Private Sector and Finance for Battery Value Chain Development
Reports to:	Component Leader – H2.SA II/BVC
Duty Station	Hatfield, Pretoria
Duration	until **31 December 2030**

BACKGROUND

South Africa has potential for the development of a value chain for green hydrogen and its derivatives (Power-to-X, PtX) due to excellent conditions for the production of cheap renewable electricity and a well-developed industrial infrastructure. At the same time, South Africa has critical raw materials (CRM) essential for industrial processes, battery production, digitalisation and overall energy transition like platinum, vanadium, chromium, nickel, and manganese which are of high economic importance for the energy transition. Combined with a well-developed mining and refining sector and a skilled workforce, South Africa is well placed to become a regional hub for critical raw materials and to develop local green hydrogen and battery value chains built on these CRMsThe development of a functional battery value chain (BVC) also holds importance for the South African automotive industry, a strategically important industry in the country.

The importance of both value chains for the Just Energy Transition is reflected in the Just Energy Transition Investment Plan, which features both sectors as two of the three priority investment pillars. The Just Energy Transition Implementation Plan (JET-IP), approved by Cabinet in November 2023, is a roadmap that enables South Africa to take targeted and aligned strides towards meeting its decarbonisation commitments. The JET-IP targets reducing transport sector emissions and socio-economic benefits, whilst supporting the country's manufacturing ambitions and the adoption of new energy vehicle (NEV) technology and related infrastructure work. The JET-IP designates key institutions to lead specific areas

of work, and IDC was designated to host the JET NEV Programme Management Office, which will support and coordinate the work of the following five workstreams:

- Auto sector
- Mobility and Logistics
- Public transport
- Battery value chain
- Shared charging infrastructure

Challenges for the development of green hydrogen and CRM/battery value chains exist in particular with regard to uncertain market development, lack of capacities, coordination, and skills, as well as the integration of environmental, social, and governance (ESG) standards into the development of the value chains.

On behalf of the European Union, the German Federal Ministry for Economic Cooperation and Development (BMZ) and in close cooperation with the South African government, the *Deutsche Gesellschaft für Internationale Zusammenarbeit* (GIZ) *GmbH* is implementing the programme H2.SA II/BVC with the aim to support value chain development for critical raw materials and green hydrogen and derivatives in South Africa.

The programme has five components:

1. Strategy, policy & regulatory framework
2. Private sector cooperation
3. Capacity building, research & innovation
4. Sustainability & just transition
5. Battery value chains

The H2.SA II/BVC programme forms part of the Energy Cluster of programmes implemented by GIZ in cooperation with a variety of South African public sector partners.

The position of the Technical Advisor (TA): Private Sector and Finance will support programme activities related to workstream 5 of the H2.SA II/BVC programme, and specifically to activity area 5.3: Facilitate financing for the private sector. The TA will be responsible for activities related to private sector collaboration, with specific focus on the development of projects along the battery- and critical raw material value chain in South Africa. The incumbent will work very closely with financial institutions such as IDC and DFI's such as KfW, EIB. In addition to the programme activities, the TA will provide support to the

IDC JET NEV Programme Management Office (PMO) and its coordination of relevant workstreams.

A. RESPONSIBILITIES:

The Technical Advisor is responsible for supporting the technical, administrative, and organisational implementation of component 5.1 (Battery value chains) of the H2.SA II/BVC programme, with specific reference to activity area 5.3: Facilitate financing for the private sector. The TA ensures the planning, organisation, monitoring, implementation and reporting of the activities, supports the development of operational plans, budget monitoring, contractor management as well as partner support and coordination. The TA will further provide support to the IDC JET NEV Programme Management Office (PMO).

The incumbent will specifically support the following overarching activities:

- Private sector support to enable projects to come to market.
- Identify, plan, and implement support activities focused on active battery assemblers in the South African market.
- Technical advice for companies in the critical raw material and battery value industry on business and market development and project finance.
- Coordination and collaboration with financial institutions to provide investment into relevant projects. This includes instruments for early-stage development for mineral beneficiation and battery assembly technologies, EV applications and balance of parts.
- Facilitating collaboration between academia and private sector to implement applied research for the development and expansion of the relevant value chains.
- Collaborate with IDC to support the activities of the JET NEV programme management office.
- Provide support and coordination between KfW, EIB, other DFI's and South African financing institutions and implementing institutions to support investment in the battery and critical mineral value chains.

B. TASKS:

The **Technical Advisor** has the following key tasks and responsibilities:

- Support the overall implementation of the H2.SA programme activities focused on the establishment of a functional battery value chain in South Africa. This includes planning and coordination of all implementation activities, liaising with relevant stakeholders,

supporting all procurement processes for goods and services to deliver the required outputs and ensure the fulfilment of programme objectives and indicators. This work will be done in close cooperation with and with assistance from the H2.SA Head of Component and the H2.SA Programme Manager.

- ❖ Support and collaborate with IDC to support the activities of the JET NEV programme management office. This could include:
  - Preparation of materials such as presentations and papers, which would focus the workstream meetings on setting out the objectives of the meeting and actions.
  - Support for workstream- and advisory committee meetings.
  - Support the workstream lead institutions to develop implementation plans and drafting of work packages.
  - Assist with improving the quality of work packages
  - Work closely with WS Lead and NEV Technical Coordinator to assist with grant applications for workstream work packages and projects or SMEs.
  - Assistance with short-term technical assignments
- ❖ Conceptualise and manage required inputs and activities in cooperation with relevant stakeholders.
- ❖ Plan advisory projects and initiatives and coordinate the implementation with external service providers, supervising and coordinating assignments of national and international consultancies.
- ❖ Manage the cooperation between stakeholders, support steering structures and provide input to partner dialogues.
- ❖ Drive change and reform to policies, regulations and incentives to foster an enabling environment for investment in BVC.
- ❖ Establish and strengthen channels of collaboration and communication by building effective working relationships with relevant BVC stakeholders, including experts, private sector partners, policymakers, and international stakeholders.
- ❖ Provide support for the implementation of battery value chain pilot projects.
- ❖ Implement communication and knowledge management activities, incl. the organisation of workshops, seminars, study tours and other means of information sharing among government decision-makers, industry representatives and other experts.

Note that the list is not exhaustive and will be further developed.

C. REQUIRED QUALIFICATIONS, COMPETENCIES AND EXPRERIENCES

Qualifications:

- Relevant tertiary qualification: A first degree in economics, finance, business administration, engineering, or a relevant science degree (B.Sc.).

Professional Experience:

- At least 5 years of relevant work experience in the fields of private sector finance, or international finance, or project development, or renewable energy project development, or infrastructure project finance, or public-private sector cooperation, or a combination of these sectors
- Demonstrated success in project and process management.
- Experience in the development and implementation of measures to promote sectoral economic development across multiple connected sectors.
- Good understanding of international battery value chains and market development support activities.
- Familiarity with the South African energy sector, renewable energy, critical raw materials - new energy vehicle- and battery sectors.
- Knowledge of JET-P financing mechanisms or other funding instruments.
- An ability to work in partnership with public and private sector stakeholders.
- Experience in the conceptualisation and management of partner relations.
- An ability to work in a multi-disciplinary, diverse and complex environment.
- An ability to work in a team and autonomously in a structured, methodical manner.
- Excellent writing and communication skills in English.

D. ADDITIONAL INFORMATION

- The position will be based at the GIZ Offices in **Hatfield, Pretoria**, with agreed days/time per week envisaged at the Industrial Development Corporation (IDC) in Johannesburg.
- Positions are dependent on the lifespan of the programme where they are located. The H2.SA II programme phase is until 31 December 2030.
- 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.

E. APPLICATION PROCESS

Suitable candidates should apply by submitting a

- Cover Letter **(max. 1 page)** clearly detailing why they should be the preferred candidate and the value they will bring to work of H2.SA II/BVC
- A detailed CV **(max. 3 pages), indicating their nationality**.
- Proof of eligibility to work in South Africa (copy of SA ID).

① **External Applications** must submit their applications by following this link:- https://giz.simplify.hr/vacancy/betpdw to be considered.

① **Internal Applications ONLY** should submit applications to**:** recruit-pretoria@giz.de with the email subject line **"Application for Technical Advisor: Focus: Private Sector and Finance for Battery Value Chain Development"** for the attention of Head of Human Resources. Applications from external applicants submitted to recruit-pretoria@giz.de **WILL NOT** be considered.

We expressly welcome applications from women and historically marginalized groups.

Closing date for applications: **02nd of October 2025**

Only shortlisted candidates will be contacted and will be required to conclude an assignment prior to the interview.

Applications without a motivation letter and CVs longer than 3 pages will not be considered!!