

<b>Salary Band 4</b>	<b>Digitalisation and Data Senior Technical Advisor</b>
Reports to:	Component Leader
Duration	<b>01 June 2023 until 31 October 2025</b>

**BACKGROUND:**

The Project **Green Infrastructure Corridors for intra-African Trade (Support to PIDA)** implemented by **Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)** on behalf of the **German Federal Ministry of Economic Cooperation and Development** collaborates with the **African Union Commission (AUC)**, the **African Union Development Agency (AUDA-NEPAD)** and the **Central Corridor Transit Trade Facilitation Agency (CCTTFA)** to support green infrastructure development in Africa via the following five components:

- 1) Development of a Continental Green Infrastructure Policy,
- 2) Advisory for Climate Resilient & Low Carbon Infrastructure Projects in the Central Corridor,
- 3) Advisory for Digital Solutions of MSMEs in Green Infrastructure & Trade,
- 4) Formulation of a Digital Strategy and Advisory on Digital Topics in the Infrastructure & Trade Sector,**
- 5) Just Transition for Technology Transfer, Climate Finance and Gender.

The GIZ Project is to receive new funding to advise AUDA-NEPAD in the field of digitalisation. To implement this new initiative, GIZ is now searching for a high performing and committed **Senior Technical Advisor** to lead the GIZ Project technical advisory services on Digitalisation.

The Senior Technical Advisor will act as the Digital Focal Point to advise the GIZ Project and AUDA-NEPAD by **coordinating** Component 4 and providing advisory services to Component Two and Component Three with respect to Digitalisation. As the advisory function cuts across Components (i.e., Two, Three and Four), the Senior Advisor will collaborate closely with its Technical Advisor peers in charge of respective Components as well as with the Communications and Monitoring & Evaluation Advisor.

For more information please visit:

- [GIZ Project Fact Sheet](#)
- [GIZ Project Twitter Page @GreenCorridors](#)
- [Virtual PIDA Information Centre](#)

## A. RESPONSIBILITIES:

The Senior Technical Advisor coordinates the implementation of Component Four and advises on the topics of Digitalisation, IT and Data. Due to the cross-sectoral nature of Digitalisation, the Advisor also leads workstreams across Components. The main responsibilities are as follows:

- Act as Task Manager to coordinate Component Four **Formulation of a Digital Strategy and Advisory on Digital Topics in the Infrastructure Sector** and implement processes and activities to achieve respective KPIs (cf. Tasks).
  
- Act as the Project's Digital Focal Point to advise the GIZ Project and AUDA-NEPAD on Digital Transformation processes, including Digital Strategy and Digital Policy formulation, IT Systems, sector specific Digital Topics, Data Security and Confidentiality, Data Sets and Analytics.

## B. TASKS

The Senior Technical Advisor is expected to carry out the following tasks and advisory services (not exhaustive):

- Plan, coordinate, consult and formulate a Digital Strategy that guides the digital transformation in AUDA-NEPAD internally (on division level) and externally (customer). This involves an extensive and close stakeholder engagement process within AUDA-NEPAD.
- Plan, steer and implement the digitalisation process of an existing infrastructure project advisory instrument within AUDA-NEPAD (cf. Component Two) in close cooperation with the GIZ Task Manager of Component Two with an available budget to contract Consultancy (e.g., IT) support services for implementation.
- Advise the digitalisation process of existing and/or planned Digital Solution implemented by a Micro, Small or Medium Sized Enterprises (MSMEs) across Africa (cf. Component Three) in close cooperation with the GIZ Task Manager of Component Three with an available budget to contract Consultancy support.
- Plan, prepare and implement GIZ tender packages (ToR, Budget, etc.) to contract service providers; steer and manage consultancies from technical and budget perspective, in close consultation and coordination with AUDA-NEPAD.
- Advise AUDA-NEPAD on partnership opportunities to contribute to the development and/or implementation of the Digital Strategy (cf. Component Four) and assist in mobilising partnerships in close cooperation with a Technical Advisor on Partnerships & Resource Mobilisation (under planned recruited).

- Propose, collect, develop, and interpret data sets to work with Component Leader on Data Analytics to inform strategic steering and evidence-based decision making; agenda setting and trend analysis using analytical tools.
- Create Data visualisations, reporting dashboards and reports to communicate findings, project results and monitor progress (KPI achievement) and support knowledge management in close collaboration with the GIZ Communications and Monitoring & Evaluation Advisor.
- Lead stakeholder engagement and management processes to steer product and/or process development with active partner involvement.
- Provide advisory services, quality control and due diligence by reviewing and commenting technical documentation that require inputs from a Digitalisation and Data perspective.
- Organise workshops and events that provide guidance on digital policy and other digitalisation related aspects.
- Contribute to GIZ Team members internal sensitisation and knowledge development of Digitalisation principles.
- Engage within GIZs global network regarding Digitalisation and Data (e.g., make use of GIZ Data Services such as Toolkit for Data-driven project design; Data Lab; ICT Country Profiles, Competence Center Digital Societies etc.) and support Digital Transformation within GIZ.

### **C. REQUIRED QUALIFICATIONS, COMPETENCIES AND EXPERIENCES**

#### **Qualifications:**

- A master's degree in Computer Science, Information Science, Mathematics, Statistics, or related field
- Additional vocational training and qualification in Data Science is an asset.

#### **Professional Experience:**

- Qualification should be enhanced by 10 years professional experience in the field of Digitalisation and/or Digital Policy and/or Digital Transformation and/or Data management and/or related areas.
- Proven track record of working in digital policy related aspects and/or digital strategy formulation, IT infrastructure.
- Proven track record of digitalising processes and/or products using IT tools and platforms.

- Proven track record of statistical research techniques, including modelling and/or data mining and/or clustering and/or segmentation.
- Proven track record of planning, coordinating and steering product and/or process development.
- Proven track record of having led stakeholder engagement and management processes.
- Proven track record of change management and advisory/consulting experience.
- In-depth knowledge of digital transformation and ICT/Information Systems governance tools such as the Information Systems Governance Framework, Information Governance and Management Framework and assessment tools.
- Knowledge of the African Union Digital Transformation Strategy, the African Union Agenda 2063 and the African Union Data Policy Framework.
- Familiarity with Hadoop, Pig, Hive, Spark and MapReduce, SQL, Python, Perl, Tableau, Power BI or other scripting languages as well as statistical computing languages and data visualisation tools.

**Other Knowledge, Additional Competences:**

- Carry outstanding work ethic and motivation to act reliable, dedicated, and disciplined.
- Strong service-oriented thinker to provide professional and proactive support.
- Ability to work independent in a stressful and complex environment and be adaptive to change.
- Ability to work on multiple processes simultaneously.
- Brings intellectual curiosity, critical thinking, creativity, problem solving skills and ability to collaborate.
- Excellent IT Skills (Outlook, Power Point, Excel, Word, Internet Research).
- Excellent communication skills in business English (written, verbal).

**Additional Skills Required:**

- Carry outstanding work ethic and motivation to act reliable, dedicated, and disciplined without much guidance and supervision.
- Strong service-oriented thinker to provide professional and proactive advisory to GIZ and GIZ partner organisations.
- Brings intellectual curiosity, critical thinking, creativity, problem solving skills and ability to collaborate.
- Ability to work independent in a stressful and complex environment and be adaptive to change.
- Ability to work on multiple processes simultaneously and within a Team.

- Ability to communicate and act diplomatically.
- Previous working experience with GIZ and/or the Public sector is an asset.
- Excellent IT Skills (Microsoft Office, MS Teams, data management and analysis).
- Excellent communication skills in business English (written, verbal).

#### **D. ADDITIONAL INFORMATION**

- This position is based in **Hatfield, Pretoria with the option for a hybrid (i.e., office and work from home) setup.**
- 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 October 2025 in line with commission period of the Project.**

#### **E. APPLICATION PROCESS**

**GIZ will only assess applications which meet the following criteria:**

Suitable candidates should apply by submitting a

- **Cover Letter (concisely 2 page) clearly** stating your motivation for applying for the position and outline your competencies why you are the best suited candidate addressing qualifications, competencies and experiences asked for in this advert as well as salary range expectation. **Cover Letter must not exceed two (2) pages to be submitted in PDF Format.**
- This should be accompanied by a **CV, indicating their nationality.** The CV must include at least one professional reference of previous employment and at least one academic reference including contact details **and must not exceed four (4) pages to be submitted in PDF format.**

The application should **be only one PDF file**, comprising of Cover Letter and CV and submitted to: [recruit-pretoria@giz.de](mailto:recruit-pretoria@giz.de), with the following email subject line “**PIDA Snr Technical Advisor Application**” for the attention of Head of Human Resource.

Closing date for applications: **31<sup>st</sup> of March 2023.**

**Only applicants shortlisted for interview will be contacted.**

**Applications without a Cover letter will not be considered!**