

Job Vacancy Announcement

Reference No:	008
Project:	Energy Transition Cluster
Position:	Advisor Power System Transformation
Location:	Jakarta
Expected to join:	ASAP
Reporting to:	Lead Power System Transformation

About GIZ

The Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH is an international cooperation enterprise for sustainable development with worldwide operations on behalf of the German Government. We work to shape a future worth living in over 120 countries around the world.

About the project

One focus of the energy programme in Indonesia is the 'power system transformation'. We support the energy ministry and the national power utility in increasing the share of variable renewable energies (vRE) in power generation in the more than 600 power systems of the island nation of Indonesia. In power systems without overcapacity of coal-fired power plants, the energy programme advises on the rapid implementation of large-scale vRE projects in three fields of action: (1) regulatory framework for the electricity sector with regard to the integration of vRE, (2) power system studies to demonstrate economically feasible vRE capacities and (3) pre-development of large-scale vRE projects. In grids with overcapacities of coal-fired power plants, the energy programme advises on enabling large-scale vRE by flexibilization of conventional generation in three fields of action: (1) regulatory framework for the electricity sector, (2) techno-economic studies on measures for flexibilization of conventional power generation and (3) pilot project to demonstrate the flexibilization of a conventional power plant.

GIZ seeks one (1) motivated and qualified candidate for:

Advisor Power System Transformation (Job title in SAP: Advisor in Energy)

A. Task and Responsibilities

The main responsibility of the Technical Advisor shall include, but not limited to, the following areas:

- Technical advice to the energy ministry and the vertically integrated national electricity supplier PLN on the economic assessment of the expansion of vRE capacities and their technical integration into the electricity grids
- Conceptualization and implementation of capacity development activities (incl. e-learning) for the energy ministry and PLN, including in the areas of vRE grid integration and power system expansion planning
- Procurement and management of short-term experts and quality assurance of the work results of experts, contractual partners and service recipients

- Network management with relevant local and international (especially German) actors in the Indonesian electricity sector and actors in development cooperation
- Support in the commercial and organizational implementation of projects, components and service packages related to power system transformation
- External (Indonesia and Germany) and internal reporting and communication

B. Required qualifications, competences and experience

Qualifications

- Master's degree in electrical engineering, industrial engineering, mechanical engineering, renewable energies, energy technology or comparable programmes
- Experience and expertise in power system expansion planning/power system analysis and vRE project development: e.g. through participation in various power system analyses, planning and operation of power systems, work in project development of large PV or wind power plants, background in planning and operation of conventional power plants
- Experience in energy policy advisory (e.g. for energy ministries) and experience in advising (vertically integrated national) electricity utilities on the economic evaluation of vRE expansion
- Very good network with relevant players in the private sector, in particular the export-oriented sector, as well as with the scientific community in Germany and Europe
- Several years of relevant work experience in the energy sector of one or more countries in Southeast Asia is an advantage (e.g. with a utility or in a national or regional energy administration)
- Professional experience in development cooperation
- Business fluent in English; knowledge of German is an advantage

Duty Station: Jakarta

Joining Date: asap

Direct Supervisor: Lead Power System Transformation

Please submit your motivation letter and comprehensive resume (including training and list of references) to recruitment-indo@giz.de by **07 February 2025** with subject line **ETC-APST**

Please name your file as follow format:

[Your Complete Name] [Motivation Letter/CV/Latest Education Certificate] (i.e: *Nakula Sadewa_CV* or *Nakula Sadewa_Motivation Letter* or *Nakula Sadewa_Reference*)

Only short-listed candidates will be notified.