



Energy Advisor

The Indonesia-Denmark Energy Partnership Programme (INDODEPP) is looking for a consultant to strengthen its team in Jakarta supporting the ongoing activities on energy system planning as part of the partnership with the Indonesian government.

The Danish Energy Partnership Programme

The INDODEPP is a Government-to-Government (G2G) cooperation initiated in 2020 as an upscale of a previous sector cooperation from 2016. The programme aims to support the Indonesian government in achieving its targets related to energy and climate change. More specifically, INDODEPP focuses its activities in three core areas: 1) scenario based long-term plans and regulation; 2) integration of renewable energy; 3) enhancement of energy efficiency in the national strategies.

The programme involves several partners from Danish and Indonesian side. The Danish Energy Agency (DEA) in Copenhagen and the Danish Embassy in Jakarta are responsible for the management and day-to-day coordination. The Indonesian partners includes the Indonesian Ministry of Energy and Mineral Resources (MEMR), National Energy Council (NEC), PT PLN Persero, as well as Dinas ESDM, universities and other organisations.

Two Long Term Advisors (LTAs) are stationed at MEMR's DG of Electricity and PLN to serve as experts and contact points between the different partners in the programme.

Your role

You will support the delivery of techno-economic analyses and their use for policy recommendations within the energy sector (as part of outcome 1 of INDODEPP). You will be given responsibility for specific deliveries on larger projects as well as assisting with a broader set of tasks on an ad hoc basis. The Danish Long-Term Advisor at MEMR will be your main reference point but there will be close coordination with the rest of the INDODEPP partners depending on the different tasks.

Your job will be to assist the technical experts in their work, which often includes advanced energy system modelling tools. Currently, the optimization modelling tool *Balmorel* is used for power system analysis and the simulation tool *LEAP (Low Emissions Analysis Platform)* for analysis of energy demand in other sectors.

You will contribute to more technical aspects related to data management and use of modelling tools, as well as more policy related aspects of dissemination of results and recommendations on regulation. The specific portfolio of tasks will be agreed upon depending on your qualifications and interests.



The portfolio of tasks can include some of the following:

- Techno-economic analysis of RE and EE potentials as part of Indonesian energy plans such as Net Zero Road Map or similar. Examples can be costs and potentials of specific technologies or total system impact of alternative scenarios.
- Update and maintenance of energy modelling tools incl. input data, model functionalities, and handling of results;
- Collection and preparation of data, desktop research as well as summaries of relevant technical reports and events by stakeholders to be used as input for model improvements and analysis;
- Provide recommendations for policy and regulation to support RE deployment in an Indonesian context;
- Dissemination of the work through written material and presentations at relevant events;
- Engagement with Indonesian and International stakeholders, incl. discussion and coordination of technical analyses relevant for the work at MEMR;
- Preparation and follow-up of meetings, workshops, and seminars with highly technical content;
- Technical interpretation and English translation of key policy discussions related to energy transition in Indonesia.

Other ad hoc tasks can be expected depending on needs and available resources. This can include, but is not limited to, participation in various meetings, translation and writing of minutes of meetings, support to the preparation and execution of delegation visits and study tours.

Your competences

- A relevant University degree related to energy and/or climate change;
- Strong analytical skills and good understanding of relevant technologies and policies related to RE and EE development;
- Experience with energy system analysis of one or more sectors, ideally through use of professional modelling software for simulation and/or optimization;
- Experience in data management. Strong expertise in Microsoft Excel is a requirement, experience with more advanced tools is an advantage (e.g., Power Query, VBA, Python, or others);
- Proactive, innovative and capable of growing and maintaining an existing network in the energy sector;
- Ability to work independently and in teams;
- Fluent in Bahasa Indonesia and excellent English skills, both written and spoken.



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What we offer

The role will be carried out on a consultancy contract with the Danish Embassy. The position is full time (40 hours per week) with an initial contract period is 12 months starting from June or July 2022. The total remuneration is 15-20 million IDR per month depending on qualifications, including pension, health insurance and holiday contributions.

Your daily work will take place at the office of MEMR's DG Electricity, but you will be part of the larger team of colleagues involved in INDODEPP including the Danish Embassy. We offer an informal, flexible, and professional working environment - we want to have fun every day, but we are also ambitious with a clear goal of delivering results.

Interested? Send a written application in English containing cover letter, photo, CV, copy of diploma(s) and recommendations as a single PDF-file at the latest on 31st May 2022 by e-mail to: meg@ens.dk. Please write "Energy Advisor" in the subject.

Qualified candidates may be called for interviews prior to the deadline.

Contact

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