

## GIZ Energy Programme Indonesia/ASEAN

# How does GIZ collaborate with Indonesian & German Companies in the Energy Sector?

## Utilizing Synergies between Development Cooperation and Foreign Trade Promotion

As a German federal enterprise, GIZ is part of the German-Indonesian energy cooperation portfolio that seeks to support Indonesia's green growth agenda. With a large presence and network in Indonesia, GIZ helps to prepare the ground for private sector cooperation between both countries.

Globally, the energy transition is driven largely by private investment and trillions in private capital are required to meet net-zero targets. Indonesia has set itself on a path towards achieving net zero emissions by 2060, while building the foundations of a green economy and developing local supply chains. The latest power development plan calls for 42 GW additional renewable energy capacity by 2034. Local supply chains shall be extended to manufacturing of solar panels, batteries and electric vehicles, building upon downstreaming efforts of mineral supply chains.

To reach significant and sustainable impact, the GIZ Energy Programme places a strong focus on enabling the private sector to implement climate friendly technologies at scale, by:

- Offering orientation, policy and market insights to companies and associations
- Initiating and supporting specific pilot projects to facilitate technology and research cooperation
- Improving enabling environment, e.g. market and policy conditions, for clean energy expansion
- Supporting investment projects beyond pilots, e.g. by de-risking investment through facilitation of available government support for market entry or project preparation

## Looking Ahead: Upscaling Solar PV adapted to Indonesia's unique Archipelago Context

The GIZ Energy Programme has an in-depth understanding of the energy transition scene in Indonesia, built up in more than 40 years of continuous engagement of GIZ staff, the majority of which are Indonesian. As a development partner, GIZ has been working with the government and various stakeholders in the energy transition on daily basis across technology, finance and policy disciplines. Through this expertise, GIZ is uniquely positioned to support partners in navigating local markets and international trends.

## How can private sector players get involved?

GIZ aims to connect and support small, medium and large companies from Indonesia, Germany, and Europe. Other relevant actors are business-related foundations and investors as well as economic institutions such as associations and chambers as a connecting element of companies.

We work with companies that are interested in implementing energy transition related investment projects within existing industrial / commercial operations as well as solution providers that would like to help companies in this implementation. Support is offered across the project journey:

### Develop investment projects beyond pilots:

GIZ can support investment project development beyond initial pilot projects, e.g. by supporting the de-risking investment through facilitation of available government support for market entry or project preparation

### Improve conditions for further growth:

GIZ actively works with a wide network of private sector players, associations, policy makers and civil society to improve conditions for at scale implementation of the energy transition. GIZ can help private sector companies to understand regulatory, financial and other developments

### Implement pilot projects:

From identifying promising project ideas, to technical project development support, connecting companies to suitable partners and jointly looking for financing options, GIZ offers support on every step of the way.

### Gain orientation, insights and network:

GIZ offers various studies, trainings and networking events to get private sector companies started.

## What technologies are in the focus of the GIZ Energy Programme?

GIZ aims to support the energy transition in Indonesia in a holistic fashion, by categorising work in 5 thematic areas of cooperation:

### ENERGY PROGRAMME THEMATIC PILLAR



INDUSTRY  
DECARBONISATION



POWER SYSTEM  
TRANSFORMATION



SUSTAINABLE  
ENERGY FINANCE



JUST ENERGY  
TRANSITION

The Energy Programme cooperates with private sector partners across the following topics:

- Transmission and distribution grids
- Renewable energy (including hydro, innovative approaches like floating PV)
- Energy efficiency in industry and buildings (including heating and cooling)
- Green hydrogen
- Biomass and biomass-based products
- Electric mobility

## What are examples of past private sector cooperation projects?

GIZ worked with PT.Schneider Indonesia and local partners to build up renewable energy training courses for 180 trainees at a vocational training center in Indonesia's Eastern islands. East Nusa Tenggara has the biggest solar energy potential in Indonesia. Just recently, GIZ lead the development and implementation of solar-powered ice factories in NTT and Maluku, with contributions from four German companies. The factories operate completely off grid and produce 1 ton of ice daily, boosting fishers' income by preventing spoilage and improving market competitiveness. Each system can mitigate 80t of CO2e/yr. The technology received the UNDP Ocean Innovation Award



## Who else does GIZ partner with?

GIZ has a wide network across the public and private sectors.

**Government:** Ministry of Energy and Mineral Resources (MEMR); Coordinating Ministry for Economic Affairs (CMEA); Ministry of National Development Planning (Bappenas); Ministry of Finance (MoF); Ministry of Marine Affairs and Fisheries (KKP); Ministry of Industry (MoI); provincial governments.

**Cooperation partners:** PLN and other state-owned enterprises (SOEs); technology and research partners; academia, private sector, and associations from Germany and Indonesia.

## Where can more information and contact data be found?

For first insights, visit us online:

[Indonesia](#) | [GIZ](#) and

[GIZ Indonesia & ASEAN: About](#) | [LinkedIn](#)

To discuss concrete ideas with us, please reach out to Atiek Fadhilah, [atiek.fadhilah@giz.de](mailto:atiek.fadhilah@giz.de), Lead Private Sector Unit, GIZ Energy Programme Indonesia/ASEAN



## German-Indonesian Energy Cooperation



Germany is a firm supporter of Indonesia's energy transition since more than 40 years. The bilateral programme, primarily financed by the Federal Ministry for Economic Cooperation (BMZ) and the International Climate Initiative (IKI), focuses on **four priority cooperation areas:** (1) RE Acceleration, (2) Energy Efficiency Advancement, (3) Grid Expansion, and (4) Energy Regulations. Germany further acts as co-lead for the multilateral **Just Energy Transition Partnership (JETP)** with Indonesia.

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