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ACCELERATING SUSTAINABLE ENERGY DEPLOYMENT IN INDONESIA

With ambitious climate targets and energy demand growing five percent a year, Indonesia is striving for universal electrification while at the same time reducing its greenhouse gas emissions. Renewable energy solutions will support Indonesia to advance these goals and bring greater prosperity to all corners of the archipelago.

Energy security, equity, and sustainability are critical for driving inclusive economic growth. As of 2021, more than 99 percent of Indonesians enjoy access to electricity. The Government of Indonesia now seeks to reach the last mile while increasing the amount of energy from renewable sources in the national energy mix to 23 percent by 2025 (up from just 12 percent in 2018).

USAID SUSTAINABLE ENERGY FOR INDONESIA'S ADVANCING RESILIENCE (SINAR)

Through SINAR, the United States Agency for International Development (USAID) supports Indonesia's goal to expand reliable and equitable energy services to advance sustainable development and inclusive economic growth.

USAID SINAR builds upon the longstanding commitment and partnership between the U.S. Government and the Government of Indonesia in climate change mitigation in the energy sector. Through SINAR, USAID will help national and subnational governments, state-owned energy utilities, businesses, financial institutions (such as banks), universities, and other key players to (1) accelerate the deployment of advanced energy systems, (2) improve the performance of energy utilities, (3) advocate for transparent and best value procurement, and (4) strengthen the institutional frameworks and capacity for energy sector transformation.

Collectively, these efforts will help Indonesia meet its ambitious renewable energy and energy efficiency targets while driving energy transformation that reduces greenhouse gas emissions. USAID SINAR works at the national level, while simultaneously engaging local governments in selected provinces to align national and sub-national plans and programs.

RESULTS

USAID SINAR helped a 98.4 MW Rantau Dedap Geothermal Power Project in South Sumatra reach commercial operations and a 6 MW Bayang Nyalo Hydro Power Project in West Sumatra secure \$14.6 million in financing. As a result, more than 1.2 million people have benefited from improved energy services along with a reduction of more than 58,000 metric tons of greenhouse gas emissions.

ANTICIPATED RESULTS

Through SINAR, USAID seeks to achieve the following results over the next five years:

- Mobilize \$5 billion private and public financing for investments in renewable energy, energy efficiency, and other advanced energy systems;
- Assist with the installation of 2,000 megawatts of renewable energy generation; and
- Improve access to energy for 5 million Indonesians.

CONTACT

Retno Setianingsih, USAID
rsetianingsih@usaid.gov

Hung Vo, USAID
huvo@usaid.gov