



Indonesia

Strengthening Quality Infrastructure for the Energy Sector

Objective	Quality assurance services in the energy sector have been improved for the field of photovoltaics in accordance with international good practices.	
Approach	<p>To meet the requirements in Indonesia, the project follows a multi-level approach focussing on the meso level, which is geared to strengthening the institutional competences of quality assurance service providers to the photovoltaic industry. The project consists of three areas of cooperation – Enabling Environment: Strengthening central stakeholders of the energy sector with regard to quality criteria through consultancy; Quality Landscape: Supporting conformity assessment bodies to set up quality assurance procedures for solar energy systems and components; Matching demand with services: the needs of manufacturers, private users and electricity providers in the field of photovoltaics are considered by agencies offering quality assurance services.</p> <p>The project partner at the political level is the Directorate General for New and Renewable Energy (EBTKE) under the Ministry of Energy and Mineral Resources. The Indonesian Ministry of National Development Planning (BAPPENAS) is also a key partner. Quality infrastructure institutions, such as the Indonesian Institute of Sciences (LIPI), the National Standardization Agency (BSN) and the Agency for the Assessment and Application of Technology (BPPT) are considered implementation partners.</p>	
Impact	Indonesia’s goal to increase renewable energies to 23 percent of its energy mix by 2025 (National Energy Plan) is in line with commitments to reduce its greenhouse gas emissions made during the COP 21 Conference in 2015. The project will contribute significantly to the achievement of Indonesia’s political goal of increasing the share of renewable energies and, in particular, increasing the total solar power capacity in Indonesia to 6 GW by 2025. As a result of this cooperation, Indonesian quality assurance services will be improved for the energy sector and especially for photovoltaics.	
Cooperation	The project is part of the German Development Cooperation programme “Energy and Climate Protection” which promotes renewable energy and energy efficiency to reduce greenhouse gas emissions and contribute to a reliable supply of electricity to the entire country.	
Financing	Federal Ministry for Economic Cooperation and Development (BMZ)	
Term	2016 – 2020	
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