



Indonesia

Strengthening Quality Infrastructure Services for Environmental and Climate Monitoring

Objective	The availability and use of quality infrastructure services in the areas of environmental protection and climate monitoring, especially in water and air analysis, have increased.	
Approach	<p>The project's capacity development strategy is based on a multi-level approach with a focus on meso-level institutions. On the one hand, the project strengthens the technical skills of the specialist staff of quality infrastructure (QI) institutions, in particular the national metrology institute, as well as the testing and calibration laboratories. At the institutional level, the strategic and organizational development capacities of the QI institutions are developed. Capacity development measures also enable industrial associations and companies to make the best possible use of QI services to allow them to comply with regulatory requirements, but also to improve their internal operational management. These measures are supported by Ministries and other state agencies with regard to the consideration of quality assurance services in regulatory and monitoring processes.</p> <p>The main project partner is the National Standardization Institute (BSN), which covers all basic components of QI such as metrology, standardization, accreditation, and parts of the conformity assessment. Other key partners include the Ministry of Environment and Forestry (KLHK); Ministry of Industry; Ministry of Transport; Ministry of Planning (BAPPENAS); Meteorological, Climatological, and Geophysical Agency (BMKG); Testing and Calibration Laboratories; Industries and Industrial Associations.</p>	
Impact	<p>The project supports the Government of Indonesia's climate-friendly development strategy in addressing the 2030 Agenda, in particular related to SDG 6 <i>Clean water and sanitation</i> and SDG 13 <i>Climate action</i>, by improving the conditions necessary for reliably measuring progress towards achieving the goals and addressing climate adaptation and mitigation policies, strategies, and plans. The project also indirectly contributes to SDG 8 <i>Decent work and economic growth</i>, SDG 9 <i>Industry, innovation and infrastructure</i>, and SDG 12 <i>Responsible consumption and production</i>. Strengthened QI for environmental and climate monitoring would ensure good governance, enable long-term ecological sustainability, promote innovations, and improve industry competitiveness.</p> <p>The provision of relevant quality infrastructure services in the environmental sector represents an important contribution to good governance and the protection of both the environment and the population.</p>	
Cooperation	The project is a stand-alone module, embedded into the thematic core area <i>Conserving nature and natural resources, protecting life on Earth</i> . Close coordination is sought in particular with modules implemented by Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) that promote a green transition of the Indonesian economy.	
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Contact	National Standardization Institute (BSN) Dr. Harry Budiman +62 857 1821 7895 harry@bsn.go.id	Physikalisch-Technische Bundesanstalt Jana Körner +49 531 592-8226 jana.koerner@ptb.de