

Policy Advice for Environment and Climate Change (PAKLIM)

Indonesian – German Priority Area in Development Cooperation: Energy and Climate Change

The background

Indonesia has great potential to take on a leading role in mitigating the amount of greenhouse gases (GHG) in the atmosphere. Simultaneously, it is amongst the nations that are affected most by the impacts of climate change. Over the past years Indonesia has actively developed climate policy frameworks, including the setting of national mitigation targets and national mitigation action plans.

Policy Advice for Environment and Climate Change (PAKLIM) aims at enabling national and local governments, industries, communities including youth and women’s groups, schools, and civil society organizations to develop and implement mitigation and adaptation strategies. The overall objective of PAKLIM is to improve people’s quality of life through climate change adaptation and mitigation actions and awareness.

Our approach

PAKLIM provides policy advice to national government, selected provinces, cities, industries, and civil society organizations on climate mitigation and adaptation. The project implements its programmes through capacity building, awareness raising, and technical assistance in the following work areas:

Climate Mitigation Policy Advice: provides advice on climate framework at national level, including: monitoring framework for the implementation of sectoral mitigation actions, Nationally Appropriate Mitigation Actions (NAMAs) framework, project/programme concept and its implementation; concept design for Monitoring, Reporting and Verification (MRV) of mitigation

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| Project region | Indonesia |
| Lead executing agency | Ministry of National Development Planning (Kementerian PPN/BAPPENAS). |
| Duration | February 2009 – January 2013 (Phase I) February 2013 – December 2016 (Phase II) |

actions; development of mitigation and adaptation actions/ strategies at city level and monitoring its implementation; incentives mechanism (e.g through CSR, pilot implementation support) for the implementation of mitigation. PAKLIM cooperates closely with BAPPENAS and Ministry of Environment and Forestry.

GHG mitigation and energy efficiency in industries and industrial estates: supports Ministry of Industry in identifying climate mitigation actions while engaging, facilitating and further increase the integration of and contributions from the private sector to the national process of climate change mitigation – including both industrial actors and other high emitting companies.

Climate Change Education and Awareness: cooperates with the Ministry of Education and Culture and Ministry of Environment and Forestry and aims towards empowerment of youth by encouraging the creation of knowledge and awareness in resource efficiency and emission reduction, with an objective to help to set positive example for the environmental stewards of tomorrow.



Results achieved so far

- Guideline for Implementing Green House Gas Emission Reduction Action Plan; Development of National Action Plan for Reducing GHG Emissions (RAN-GRK), jointly with other development agencies supporting the Government of Indonesia. Guideline for Developing Local Action Plan for Reducing GHG Emissions (RAD-GRK); General and Technical Guideline for Monitoring, Evaluation and Reporting (MER) of RAN/RAD-GRK Implementation; Background Report for Institutional Arrangements for MRV in Indonesia; MRV Pilot Implementation on MER of National Action Plan (PEP RAN-GRK) in Energy Sector; Indonesia's Framework for NAMAs; Smart Street Lighting Initiative NAMA Implementation Plan;
- Development of Integrated City Climate Strategy (ICCS) in eleven cities, six districts, and three provinces (Central Java, DI Yogyakarta, East Java); and GHG reduction targets set in three RPJMDs (East Java Province, Yogyakarta, and Probolinggo City);
- Development Partnerships with Private Sector (DPP), e.g. Adidas Sourcing Ltd. on *energy efficiency*, PT Holcim Indonesia and PT Indocement Tunggal Prakarsa on *low carbon cement*, and Brueckner Textile Technologies GmbH & Co. KG, Thies GmbH & Co. KG and VDMA on *energy efficiency in Indonesian textile industry*. DPP are considered as one model to engage private companies and industries to participate in the implementation of mitigation actions;
- Development of Sectoral NAMAs, e.g. energy (energy efficient street lighting/EESL), biogas (utilize biogas from Palm Oil Mill Effluent/POME), industry (alternative fuel and raw material in cement industries);
- Cooperation with the public and private stakeholders through signed Memorandum of Understanding (MoU), e.g. with Indonesian Business Council for Sustainable Development (IBCSD) and Ministry of Environment and Forestry on *Sustainable Business*; Pulp and Paper Association (APKI) and Ministry of Industry to increase participation of pulp and paper industries on CSR and GHG emissions reduction action plan; as well as Industrial Estate Association (HKI) and Ministry of Industry on *Eco-Industrial Estates*;
- Development of the eco-mapping approach - to support the national green school programme ADIWIYAT- which is designed around the toolbox Ecomapping©, based on the curricula mapping approach and supports teachers in facilitating a student centered experimental learning approach within a first cycle timeline of approximately 9 – 12 month;
- Direct and peer support for involved teachers and coordinators through Teachers Training and Training of Trainers, also to further engaging school leadership teams to enhance their understanding of the Programme benefits.

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