



COMMISSION RESOLUTION NO. 2023- 004

RESOLUTION

ADOPTING THE PHILIPPINE EMISSIONS PATHWAY CALCULATOR AS ONE OF THE TOOLS FOR CALIBRATING GREENHOUSE GAS MITIGATION ACTIONS

WHEREAS, the Philippines submitted its first Nationally Determined Contribution (NDC) to the United Nations Framework Convention on Climate Change (UNFCCC) in April 2021, committing to a projected cumulative economy-wide greenhouse gas (GHG) emissions reduction and avoidance of 75% from business-as-usual scenario, of which 2.71% is unconditional and 72.29% is conditional, representing the country's ambition for GHG mitigation for the period 2020 to 2030 in the sectors of agriculture, waste, industry, transport and energy;

WHEREAS, the NDC declares the country's aspirational goal of sustainable development and peaking its emissions by 2030 in the context of accelerating the just transition of its sectors into a green economy and the delivery of green jobs and other benefits of a climate and disaster-resilient and low carbon development to its people, among others, which aligns with the global roadmap to achieve a radical transformation of energy access and transition by 2030, while also contributing to net zero emissions by 2050;

WHEREAS, the NDC was formulated with due regard for the principles of climate justice, common but differentiated responsibilities, and just transition enshrined in the UNFCCC and the Paris Agreement;

WHEREAS, President Ferdinand R. Marcos, Jr. signed Executive Order No. 14, s. 2023, approving and adopting the Philippine Development Plan (PDP) 2023-2028 by enhancing disaster risk reduction and management, promoting sustainable development practices, and integrating climate change adaptation and mitigation measures across all sectors to strengthen the resilience of communities, infrastructure, and the economy against disasters and the impacts of climate change;

WHEREAS, the Philippine Emissions Pathway Calculator (PEPC) is an open, transparent, and interactive energy model which aims to facilitate the tracking and assessment of long-term mitigation pathways and exploration of future scenarios and their impacts, and create unique energy pathways towards the year 2050, testing different options for reducing and avoiding emissions while considering the trade-offs, made applicable across various sectors and stakeholders.

WHEREAS, the PEPC was developed by the Department of Energy (DOE), in cooperation with the Climate Change Commission (CCC) and other national government agencies, with support from the Government of the United Kingdom. The PEPC project documents submitted by the DOE to the CCC are hereto attached as **Annex "A"**;

WHEREAS, Professors Rowaldo Del Mundo, Bienvenido Malquisto, Jr., and Ivan Benedict Nilo Cruz of the University of the Philippines - College of Engineering are valuable partners in developing the PEPC and commit their continuous support in the development and enhancement of the tool;

WHEREAS, the PEPC shall be utilized as one of the tools for calibrating greenhouse gas mitigation and actions to: (a) support implementation of the country's NDC; (b) assess mitigation actions and targets; (c) enhance long-term energy strategies; (d) improve the long-term capability of the NDC Technical Working Group (TWG); and (e) increase engagement of senior officials, policy and decision makers, experts, civil society, academia, and the public in determining feasible and credible low-carbon pathways;

NOW, THEREFORE, BE IT RESOLVED that the CCC adopts the PEPC as one of the tools to guide in determining future scenarios and their impacts, calculate the emissions pathway for low carbon transition, and create energy pathways by testing different options based on the national GHG inventory;

RESOLVED FURTHER, that the CCC enjoins all national government agencies and instrumentalities to exert full cooperation and coordination to maximize the benefit of the use of the PEPC;

RESOLVED FURTHER, that the CCC shall create a technical working group (TWG) to formulate and implement a work program that will: (1) identify the timeline and modalities; (2) ensure the conduct of capacity-building; and (3) development of communication strategies, in relation to the PEPC;

RESOLVED FURTHER, that the DOE shall submit a full completion and turnover report on the PEPC project development;

RESOLVED FURTHER, that the CCC shall lead the simulation and demonstration of the PEPC;

RESOLVED FURTHER, that the PEPC's proprietary rights shall be owned by the Philippine government;

RESOLVED FURTHER, that the CCC recognizes the Government of the United Kingdom as a valued partner in transformative climate action;

RESOLVED FINALLY, that copies of this Resolution shall be distributed to all the concerned offices for information and appropriate action.

APPROVED this 25 of September 2023 in the City of Manila, Philippines.


MARIA ANTONIA YULO-LOYZAGA
Official Representative of the Chairperson to the CCC




ROBERT E.A. BORJE
Vice Chairperson


ALBERT P. DELA CRUZ, SR.
Commissioner


RACHEL ANNE S. HERRERA
Commissioner