

Tracking of selected lines of action under the special program for climate change (PECC)

The Mexican-Danish Climate Change Mitigation and Energy Program (CCMEP) has supported Mexico in implementation of its climate policy and energy reform. Under the climate change component of the program the CCMEP supported SEMARNAT in the tracking of progress of the Special Climate Change Program (PECC) 2014-2018. Specifically, a project was carried out on development of methodologies for tracking the progress of mitigation measures in the energy and transport sectors in PECC 2014-2018.

The project aimed to improve the methodologies for calculation and projection of GHG emission reductions of 10 lines of action on the energy and transport sectors within PECC. The study included:

- Development of emission reduction calculation methodologies for the selected lines of action, making use of existing data and following IPCC and GHG mitigation protocols.
- Tracking the sources, availability and quality of all the information required to perform the calculations.
- Proposing that all methodologies were consistent and harmonized with the assumptions established in the reference scenarios of the National Climate Change Strategy (ENCC) and NDCs.
- Use of statistical analytical methods to construct probability distributions per variable affecting the calculation in order to estimate its uncertainty.
- Development of formats to present the calculations, data and results for all selected lines of action.
- A series of recommendations for future improvements of the data and/or the methodology used.

OUTPUTS:

- The study of the 10 lines of action has presented alternative methodologies that were developed based on international

guidelines and best practices discussed in SEMARNAT.

- Together with SEMARNAT, meetings were held with all relevant agencies in charge of the lines of action to present the developed methodologies.
- When presented to the relevant energy and transport agencies, the developed methodologies were compared to the current methodologies to have a clear understanding of the proposals.
- The meetings were also very useful for receiving updates from the agencies about modifications in the lines of action under their coordination and its impacts in mitigation goals.
- The alternative methodologies provide greater consistency in the analysis of methodologies to ensure that emission reductions are sustained both nationally and internationally.
- The study identified areas for improvement on the existing methodologies, and, hence, the mitigation results previously calculated, either by SEMARNAT or by the Ministry responsible.
- The study improved the quality and form of information to enable SEMARNAT and the agencies responsible for the selected lines of action to identify and implement necessary adjustments to the national climate policy.

OUTCOME:

- The selected methodologies for tracking of progress on implementation of PECC 2014-2018 on energy and transport related measures with regard to mitigation policy have been enhanced.

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