Training Workshop on Compiling Energy and Air Emission Accounts

February 5–15, 2024

Chiba, Japan

Concept Note

BACKGROUND

1.   The Statistics Department (STA) of the International Monetary Fund (IMF), is implementing the "Environment and Climate Change Statistics Capacity Development Program", supported by the State Economic Cooperation (SECO). The program is oriented towards assisting beneficiary countries in the development and dissemination of indicators most relevant to their policy needs. Accordingly, technical assistance will focus on developing one or two indicators that reflect the most urgent data needs of the targeted countries; and encompass the use of internationally agreed methodology or testing methodology underdevelopment. The program will build capacity in the project countries to compile select indicators through the organization of workshops, trainings, and targeted hands-on technical assistance.

2.   A summary of activities undertaken/planned for achieving each of the planned outputs of the program is given below for your reference:

Program phase	Activities
Phase I: Outreach and diagnostic assessment	After a round of outreach webinars conducted in March 2023 to inform the program countries about the program, in-country diagnostic missions were undertaken to assess the country priorities and identify key indicators for implementation under the program.
Phase II: Training	Training workshop to be conducted on the key indicators identified for implementation under the program. The training program will focus on explaining the source data required to develop these statistics and the methods used to produce indicators following the international statistical standards.
Phase III: Technical assistance	Support to be extended to countries for setting up/augmenting the existing systems to produce key macro-relevant indicators that have been identified as deliverables of the program for the countries. a workplan can be developed for supporting the INE in the compilation of air emissions accounts and its integration with existing national statistical programs.

3.   During the diagnostic missions delivered in the program countries during May–July 2023, it was observed that the countries have climate change mitigation and energy transition as key policy priorities. Therefore, energy and air emission accounts were identified as key deliverables under the program since they are relevant for planning and monitoring climate change mitigation strategies and are critical inputs for reporting on the Paris Agreement and in the input output model for calculating carbon footprints. These data are also required to support decision making regarding carbon taxes/prices as well as understanding the effect of border carbon adjustments.

4.   With a view to support the program countries in the implementation of the identified key deliverables of the program, viz., energy and air emissions accounts, this training workshop is being organized by the International Monetary Fund (IMF) and the UN Statistical Institute for

Asia and the Pacific (UNSIAP), with the support of the Switzerland State Economic Cooperation (SECO).

OBJECTIVES

Upon completion of the course, participants should be able to:
- Provide information of the concepts, classifications and methods used for the compilation of energy and air emissions accounts.
- Provide an overview of the type of indicators that can be developed using these accounts to inform policies aimed to mitigate and/or adapt to climate change.
- Develop user-oriented dissemination formats for energy and air emission accounts and the resulting indicators.

COURSE DESCRIPTION

The course familiarizes participants with the sources and methods to compile energy and air emission accounts and their uses in policy. The participants gain an understanding of a) environmental accounting concepts; b) how to access and assess global/open-source datasets that can be used for the compilation; and c) the different approaches and methodologies used to estimate the indicators. The course consists of a series of lectures, workshops, and plenary discussions on country practices to facilitate experience sharing and peer-learning. Participants will have the opportunity to explore their own country-data for applying the methods, compile experimental estimates, discuss compilation challenges in the context of the available information and gain insights into the analytical uses of these accounts.

LANGUAGE

The course will be offered in English.

TARGET PARTICIPANTS

Target participants are staff of the National Statistical Office, Ministry of Environment and Climate Change or the agency responsible for compilation of National GHG Inventories and Ministry of Energy or the agency responsible for the compilation and dissemination of energy statistics.

Participants are expected to have a good working knowledge of Microsoft Excel and is required to bring a laptop (fitted with Microsoft Excel) to complete the practical exercises.

Participants are encouraged to undertake Module 1 of the course on SEEA Central Framework, which gives the introduction to the System of Environmental and Economic Accounting and the course on SEEA Energy via the UN Global Platform - Learning Management System (registration required) before attending this training. The course on SEEA-CF is available at

https://learning.officialstatistics.org/course/view.php?id=19, and the course on SEEA Energy is available at https://learning.officialstatistics.org/course/view.php?id=14.

ORGANIZATION

The nine-day workshop will take place in Chiba, Japan at the headquarters of UNSIAP. During the workshop, participants will discuss technical issues related to the compilation of energy and air emission accounts and other SEEA accounts closely related to climate change; they will also learn about good practices in dissemination.

Besides technical issues, participants are expected to share their experiences on producing and disseminating energy and air emission accounts. The workshop will consist of lectures, practical exercises and the sharing of experiences among countries through presentations and breakout group discussions.

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