System of Environmental Economic Accounting

REGIONAL TRAINING PROGRAMME ON THE PRODUCTION OF SEEA-ENERGY ACCOUNTS AND USE OF ENERGY INFORMATION FOR POLICY

PHASE I: E-LEARNING
Online, October-December 2019

PHASE II: WORKSHOP
Almaty, Kazakhstan, 17-20 December 2019

Ministry of National Economy of the Republic of Kazakhstan
Statistics committee

United Nations

Statistics Netherlands

UNITED NATIONS ESCAP
Economic and Social Commission for Asia and the Pacific

UNECE

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The United Nations Statistics Division (UNSD) in collaboration with the Agency of the Republic of Kazakhstan on Statistics and the United Nations Economic Commission for Asia and the Pacific (ESCAP), with support from Statistics Netherlands, are organizing the Regional Training Programme on the Production of SEEA-Energy Accounts and Use of Energy Information for Policy for countries of Eastern Europe, the Caucasus and Central Asia (EECCA) and South-Eastern Europe (SEE). The present programme complements the Joint IEAforEU4Energy/ECE/ESCAP Statistics Workshop on Energy statistics for use in policy tracking, organized from 21-22 May 2019 in Dushanbe, Tajikistan.

The programme comprises an introductory e-Learning module and an in-person workshop. The e-Learning will introduce the SEEA Central Framework, SEEA-Energy and the link between energy accounts, energy statistics and energy balances. The workshop will (a) deepen the understanding from the e-Learning on the production of energy accounts; (b) create awareness on the use of energy accounts, balances and statistics through interactive presentations and hands-on exercises, with a view to creating awareness on the application of energy information to inform policymaking, including for SDG implementation; and (c) develop country roadmaps for the production and use of energy accounts, balances and statistics.

PROGRAMME OBJECTIVES
- Build knowledge and skills on the compilation of SEEA-Energy accounts;
- Develop understanding and skills on the use of energy balances for creation of energy accounts, including through using an energy-balances-to-accounts tool provided by UNSD;
- Develop appreciation of the various uses of energy accounts, balances and statistics by strengthening policy-data links, including to inform SDG progress, national energy sector plans, and national development programmes; and
- Establish draft national strategic plans for the development and use of energy accounts, balances and statistics.

EXPECTED PROGRAMME OUTCOMES
By involving data users and producers from national statistical offices and energy agencies, the programme seeks to develop shared understanding and appreciation of the value of energy accounts, balances and statistics among key national stakeholders.

The programme is designed to enable participants to take the following actions in their respective national context:

- Improve the national energy account in terms of coverage, accuracy and timeliness;

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- Conduct national training on SEEA-Energy; and
- Convene multi-agency stakeholders to develop a plan for the production and use of energy balances, accounts and statistics.

ORGANIZATION

The programme is organized in two phases: Long-distance e-Learning and an in-person workshop.

Phase I: e-Learning

Participants will attend a self-paced online course to assure a common level of technical knowledge on the SEEA Central Framework and SEEA-Energy. The online course, which focuses on SEEA-Energy, will be available in both English and Russian at: https://elearning-cms.unstats.un.org/course/category/1.

The online course consists of the following modules:

- Introduction to the SEEA Central Framework and SEEA-Energy
- Definitions and accounting structures
- Physical supply and use tables
- Asset accounting
- Basic statistics and energy balance
- Practical guidance.

These courses will be accompanied by scheduled, live webinars via WebEx. These webinars will be given by SEEA-Energy experts and will provide examples on how energy accounts have been implemented in countries. The webinars will be held in English only. The online course and attendance of the webinars will be prerequisites for participation in the in-person phase. More information on the online course can be found here.

Phase II: In-person workshop

The in-person workshop will span four days to go in-depth into the topics covered in the e-Learning and expand on the use of energy information for decision-making. The first half of the workshop will focus on the SEEA-Energy methodology; the relationship between energy statistics, balances and accounts; and how to go from the balances to the accounts. The second half of the workshop will focus on uses of energy accounts, balances and statistics and formulation of national work plans. Workshop modalities will include practical hands-on exercises and the sharing of experiences among countries through presentations and breakout group discussions.

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TARGET AUDIENCE AND PARTICIPANTS

The target audience for the e-Learning includes:

- Compilers of SEEA-Energy accounts in national statistical offices (energy and environment statistics, national accounts/environmental-economic accounts)
- Producers of energy information and users of energy accounts, including ministries of energy
- Countries: The training will be opened in priority to EECCA and SEE countries

The target audience for the in-person workshop comprises a subset of those who participated in the e-Learning modules from EECCA and SEE countries.

LANGUAGE

The e-Learning will be provided in both English and Russian. The workshop will be conducted in English, with simultaneous interpretation in Russian and translation of the exercises into Russian.

BACKGROUND: ABOUT SEEA-ENERGY

The 2030 Agenda and the Sustainable Development Goals (SDGs) recognize that the global challenges we face are inextricably linked. Any measurement framework used to track progress towards the SDGs must recognize the integrated nature of the SDGs in order to be effective. The System of Environmental-Economic Accounting (SEEA) is such a framework. Adopted by the United Nations Statistical Commission as the first international statistical standard for environmental accounting in 2012, the SEEA integrates economic and environmental data to provide a more comprehensive and multipurpose view of the interrelationships between the economy and the environment.

The SEEA includes subsystems, which are fully elaborated frameworks for individual environmental assets, including for energy. SEEA-Energy is the conceptual framework and set of accounts which presents information on energy and minerals alongside economic information in an integrated manner. By using the same concepts, definitions, classifications and accounting rules and tables as the System of National Accounts, the information in SEEA-Energy can be presented in the context of important economic data, such as GDP.