



**Statistical Committee of the Ministry of National
Economy of the Republic of Kazakhstan**

Areas of energy statistics improvement in the Republic of Kazakhstan with the support of INOGATE Programme

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Memorandum of Understanding

- **Memorandum of Understanding between INOGATE Technical Secretariat and Agency of the Republic of Kazakhstan on Statistics (now and further on – Statistical Committee) was signed in 2013**
- **Signing of the Memorandum was preceded by work of the INOGATE Technical Secretariat, with participation of the Statistical Committee, on preparation of the final report, including review of the current situation and National Energy Statistics Action Plan for the Republic of Kazakhstan up to 2015**



Action Plan

National Energy Statistics Action Plan for the Republic of Kazakhstan included following areas of activity:

- strengthening of the legal and institutional framework;**
- development of a reporting system based on international standards;**
- compilation of energy balances and filling in annual IEA questionnaires;**
- development of energy indicators and indicators of energy efficiency.**



Practical Implementation of Memorandum's Activities

To implement the Memorandum's activities, Republic of Kazakhstan participated in seminars - trainings on energy statistics, held by INOGATE Technical Secretariat with participation of EU experts:

- **2 seminars held in the Republic of Kazakhstan:**

I. 1-st INOGATE Technical Assistance Mission to the Republic of Kazakhstan to implement adopted Energy Statistics Action Plan was held in Astana on **23 - 26 July 2013**. From the side of the Republic of Kazakhstan in the meetings participated representatives of the statistical office, state organs and organisations, responsible for energy market regulation and others (13 participants in total):

Statistical Committee, MINT RK, SC «KEGOC», SC «Samruk-Energo», SC «Kazakhenergoexpertise», KAZENERGY, Nazarbayev University.



Practical Implementation of Memorandum's Activities

II. On 6 - 8 October 2014 a second seminar on “International Standards of Energy Indicators and Indicators of Energy Efficiency Development” was held in Kazakhstan, where country was represented by 13 participants.

During the seminar, EU experts of the INOGATE Technical Secretariat gave recommendations on:

- filling in IEA questionnaires;
- indicators of energy efficiency and energy balance.

During the seminar a working meeting was held, where one of the questions raised was association of particular energy commodities with their calorific values.



Practical Implementation of Memorandum's Activities

- ▶ Republic of Kazakhstan participated also in the following INOGATE seminars on energy statistics:
 - ▶ **2012** – in Georgia – 2 experts;
 - ▶ **2013** – in Bulgaria - 2 experts;
 - ▶ - in Denmark - 1 expert;
 - ▶ **2014** – in Austria - 2 experts;
 - ▶ - in Croatia - 1 expert.



Practical Implementation of Memorandum's Activities

- ▶ **According to the international experts recommendations and taking into account international practice, compilation of energy statistics in the Statistical Committee is focused now within only one organisational unit – Department of Service and Energy Statistics.**
- ▶ **This will allow to work more efficiently on survey instruments improvement by their optimisation and avoid duplication of indicators from different statistical surveys.**



Practical Implementation of Memorandum's Activities

- **In 2014 Republic of Kazakhstan revised survey instruments on energy statistics (form 1-TEB) to include additional indicators for quality filling in IEA questionnaires.**
- **Works on the improvement of survey instruments on energy statistics will be continued in 2015 .**
- **For now the following indicators are calculated: GDP Energy Intensity and GRP Energy Intensity.**
- **Widening of the energy efficiency indicators list according to the IEA methodology is planned in 2015 .**



Cooperation with IEA

Experts of the Republic of Kazakhstan held together with International Energy Agency (further on – IEA) two working meetings in 2014:

- **February 2014** at the IEA office in Paris was done pilot filling in of the IEA questionnaires according to the energy balance of the Republic of Kazakhstan for 2012 (from the side of Kazakhstan 3 experts participated in the meeting);
- **October 2014** (in Paris) within the frames of the World Bank project, with participation of DESTATIS, a meeting was held, where issues of the quality filling in of the IEA questionnaires were discussed, based on the example of energy balance of the Republic of Kazakhstan for 2013 (from the side of Kazakhstan 5 experts participated in the meeting).



Further areas of activities on energy statistics improvement

- ▶ **In December 2014 Statistical Committee will develop methodological recommendations on energy statistics according to requirements of international standards – Regulations (EU) № 1099/2008 on energy statistics and international recommendations on energy statistics (IRES).**
- ▶ **In 2015 these methodological recommendations will be completed by IEA recommendations on energy efficiency indicators.**



Further areas of activities on energy statistics improvement

It is planned to continue cooperation with IEA in 2015:

- to improve quality of the IEA questionnaires;**
- to improve survey instruments on energy statistics.**



Further areas of activities on energy statistics improvement

- ▶ **Plans for 2015 :**
- ▶ **Creation of working group on questions connected with compilation of the national energy balance based on German experience;**
- ▶ **Studies on EU countries experience in using administrative sources to compile energy balance.**



Further areas of activities on energy statistics improvement

To continue cooperation with EU in the frames of INOGATE Technical Assistance, Republic of Kazakhstan proposed following areas of cooperation:

- ▶ Studies on EU countries experience in conducting sample surveys of fuel and energy consumption by households;**
- ▶ Calculation of energy efficiency indicators using models practically implemented by EU countries (ODYSSE – MURE and others).**



Further areas of activities on energy statistics improvement

- ▶ **Planned activities will allow to compile national energy balance according to international standards starting from 2016**



Statistical Committee

THANK YOU FOR ATTENTION!