

## REPORT ON THE OUTCOME OF THE STUDY ON

### "ENERGY STATISTICS IN THE ENERGY COMMUNITY – BENCHMARKING OF ENERGY STATISTICS SYSTEMS; ASSESSMENT OF ADMINISTRATIVE CAPACITY AND RESOURCES AND DRAFTING ROAD MAP ON THE ENERGY COMMUNITY LEVEL"

#### **I. SCOPE AND BACKGROUND**

##### **1. Scope of the report**

This report, prepared by the Energy Community Secretariat, presents:

- Brief review of the objectives of the study "Energy Statistics In The Energy Community – Benchmarking Of Energy Statistics Systems; Assessment Of Administrative Capacity And Resources And Drafting Road Map On The Energy Community Level" (the Study), launched by the Energy Community in February 2010;
- The key findings of the study and
- Summary evaluation of the outcome against the objectives.

##### **2. Background information**

In relation to harmonization of the approach to energy statistics in the Energy Community and following the Energy Community Work Programme 2010-2011<sup>1</sup>, concrete activities in this relation were undertaken. Outstanding support by the EUROSTAT and the International Energy Agency was provided throughout the overall work, related to energy statistics in the Energy Community context.

Part of these activities is linked to the study.

In this relation, however, the launch of the study should be considered in the context of the overall activities, related to energy statistics (appointment of contact persons, development of a Stocktaking report<sup>2</sup> by the Secretariat, Energy Community Statistical workshops<sup>3</sup>, discussions within PHLG<sup>4</sup> and the MC meetings<sup>5</sup> etc.).

##### **3. The Study – procedural issues**

The need for a study arose upon the identification of key activities, challenges and obstacles for implementation of action plans for harmonization of energy statistics with the agreed common platform with regard to their feasibility. The Terms of References were developed by the Secretariat in coordination with EUROSTAT and IEA.

The successful bidder was selected in open tender procedure according to the Austrian Procurement Law. The contract was signed on May 5, 2010 with Energetski Institut Hrvoje Pozar from Zagreb, Croatia.

<sup>1</sup> See explicitly item VIII.2.5.

<sup>2</sup> <http://www.energy-community.org/pls/portal/docs/450184.PDF>

<sup>3</sup> <http://www.energy-community.org/pls/portal/docs/454177.PDF>

<sup>4</sup> <http://www.energy-community.org/pls/portal/docs/488190.PDF>

<sup>5</sup> <http://www.energy-community.org/pls/portal/docs/488187.PDF>

Formally, the study was completed in December 2010. The Final Report is available on the Energy Community website:

[http://www.energy-community.org/portal/page/portal/ENC\\_HOME/DOCUMENTS?library.category=213](http://www.energy-community.org/portal/page/portal/ENC_HOME/DOCUMENTS?library.category=213)

## **II. SUMMARY ON THE STUDY**

### **1. On the scope and the objectives**

The main target of the study was to assess the current status of energy statistics and to identify required measures and resources needed to streamline the efforts to harmonize energy statistics with the rules and procedures applicable for energy statistics in OECD and EU countries.

Upon identification of individual action plans and reconciliation of timeframes for their implementation within a Road Map, the Energy Community should have sufficient information to formulate its official standpoint towards harmonization of approach to energy statistics based on the common platform.

The study covered all then Contracting Parties to the Treaty and the Observers Georgia and Ukraine. Although involvement of Turkey was envisaged as a part of the overall analysis, assessment of energy statistics of Turkey was covered only partly, based on the input provided by their assigned officials. However, this did not affect the outcome in terms of the objectives of the study, since Turkey is a member of OECD and candidate to EU, with energy statistics aligned with the common platform agreed for the Energy Community.

With the overall aim to develop energy statistics systems fully compliant with IEA and EU methodologies, including submission of energy data in the format of unified EUROSTAT /IEA /UNECE questionnaires by the end of 2012, the study outlines tasks of the Contracting Parties and Observers to achieve the following goals:

- Set up proper legal and institutional framework for establishment relations between responsible institutions;
- Improve, in greater or lesser extent, reporting system on energy supply, and establish reporting systems for energy demand and consumption, required to set up and monitor energy data;
- Set up reporting system to ensure transparency of gas and electricity prices.

### **2. On the output**

2.1. The study contains detailed Action Plan for each Party, based on the template and guidelines defined by the Secretariat and applying the same approach and methodology. While the template defined core activities required to achieve compliance with the common platform, the study defines specific line of action, institution in charge, the need for additional financial, human or technical resources and the timeframe for realization. The action plans cover in details core activities to be undertaken until end 2012.

2.2. A Road Map on the Energy Community level was developed on the basis of envisaged activities and their sequence in the individual action plans of respective Contracting Parties and Observers (covering the period till end 2012).

2.3. It has to be emphasized that the tasks assigned for implementation of any of the activities in the action plans are identified and agreed with relevant experts from the Contracting Parties or Observers. In this relation, the study analyzed necessary and available resources for their implementation, administrative, financial and technical capacity, with approximation of expected costs per activity and periodicity.

- 2.4. The training for experts in energy statistics was designed and organized as a first step in envisaged capacity building, in cooperation with the Energy Community Secretariat and fully in accordance with the Service Specification, under the guidance of the experts from the International Energy Agency, who conducted the training. All nominations from the beneficiaries' representatives were approved in advance by ECS to ensure the required expertise for the training. Training material with set of applicable rules was distributed to all participants and it is also available for interested experts<sup>6</sup>.
- 2.5. Summary of key activities and milestones in the individual Action Plans (as presented in the Study) is attached as an Annex to this report.

### **III. FURTHER STEPS RELATED TO ENERGY STATISTICS**

Based on the outcome of the study and the envisaged road maps, some concrete steps are further envisaged. These are linked to training (with explicit focus on processing of data, related to the energy balance), surveys for identification of bottlenecks, development of unified approach to price reporting, compliant with the EU Directive on transparency of energy prices, etc. The coordination with the EUROSTAT and the IEA shall actively continue.

On the ground of the achieved results it is expected that in 2012 relevant extension of the acquis, implemented in the Energy Community context, shall take place.

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<sup>6</sup> [http://www.energy-community.org/portal/page/portal/ENC\\_HOME/CALENDAR/Other\\_Meetings/2010/Nov\\_15](http://www.energy-community.org/portal/page/portal/ENC_HOME/CALENDAR/Other_Meetings/2010/Nov_15)

## ANNEX

### OVERVIEW OF THE PLANNED ACTIVITIES AND TASKS

	Years Quarters	2010				2011				2012			
		2	3	4	1	2	3	4	1	2	3	4	
<b>Albania</b>													
Development of the related primary and secondary legislation													
Elaboration and improvement of the reporting on energy supply													
Conduction of the surveys on final energy consumption													
Energy balance compilation for the previous year													
Submission of the questionnaires to the IEA for the previous year													
Submission of the monthly energy statistic													
Publication of the periodic report on prices													
Development of the energy indicators for the previous year													
<b>Bosnia and Herzegovina</b>													
Development of the primary and secondary legislation													
Elaboration and improvement of the reporting on energy supply													
Conduction of the surveys on final energy consumption													
Preliminary energy balance compilation -(IEA/EUROSTAT) method.													
Energy balance (IEA/EUROSTAT methodology) compilation													
Submission of the questionnaires to the IEA for the previous year													
Submission of the monthly energy statistic													
Production of the periodic report on prices													
Development of the energy indicators for the previous year													
<b>Croatia</b>													
Definitions of the Amendments to the Program on statistical surveys													
Improvement of the reporting on energy supply													
Conduction of the surveys on final energy consumption													
Energy balance (IEA/EUROSTAT methodology)													
Submission of the questionnaires to the IEA													
Submission of the monthly energy statistic													
Production of the periodic report on prices													
Development of the energy indicators													
<b>The Former Yugoslav Republic of Macedonia</b>													
Implementation of the new Energy law, sec. leg. on energy balance													
Elaboration and improvement of the reporting on energy supply													
Conduction of the surveys on final energy consumption													
Energy balance (IEA/EUROSTAT methodology)													
Submission of the questionnaires to the IEA													
Submission of the monthly energy statistic – first publication													
Production of the periodic reports on prices													
Development of the energy indicators)													
<b>Moldova</b>													
Development of the related primary and secondary legislation													

[illegible]

Development of the related secondary legislation										
Elaboration and improvement of the reporting on energy supply										
Conduction of the surveys on final energy consumption										
Energy balance (IEA/EUROSTAT methodology)										
Submission of the questionnaires to the IEA										
Submission of the monthly energy statistic										
Production of the periodic report on prices – first publication										
Development of the energy indicators										

[illegible]

Development of the related secondary legislation												
Elaboration and improvement of the reporting on energy supply												
Conduction of the surveys on final energy consumption												
Energy balance (IEA/EUROSTAT methodology)												
Submission of the questionnaires to the IEA, only electricity in 2010												
Submission of the monthly energy statistic – after revision												
Production of the periodic report on prices – first submission												
Development of the energy indicators												

[illegible]

Development of the activity	
Realization of the critical cases, first submission of the balances, questionnaires or testing phase	
Submission of the balances, questionnaires and reports which are still under the development process	
Submission of the completely harmonized balances, questionnaires and reports	