



Economic and Social Commission for Western Asia – ESCWA

Mission Report

Follow up Mission on Energy Statistics

Erbil, Iraq, 1-5 June 2014

United Nations

- 1- ESCWA organized, in collaboration with the Ministry of Oil and Ministry of Electricity a follow up mission on Energy Statistics and Balance, from 1 to 5 June 2014 in Erbil, Iraq.
- 2- The mission was conducted over a period of five days in Wlat Hotel in Erbil. It was attended by 26 participants from Iraq of which 40 percent were women. Participants were representing the ministry of planning - central organization of statistics, ministries of oil, and electricity and the Oil Marketing Company. The list of participants is attached in annex 1. Participants were equipped with personal laptops for the exercise sessions and collaborated together to solve the exercises. The training material was provided at the beginning of the mission in English and Arabic.
- 3- The mission was opened by UNESCWA consultants by welcoming the participants and explaining the goal and main outputs of the follow up mission.
- 4- The mission focused on general presentations, detailed IEA questionnaires presentations and exercises for each covered topic. Topics covered by the training are the following: oil, natural gas, renewable energy, electricity and heat, energy efficiency, energy balance, CO₂ emissions, checks and consistency. The mission was undertaken by UNESCWA consultants. Detailed agenda of the mission is attached in annex 2.
- 5- The training was concludes by a lengthy session of introducing the oil statistics of Iraq into the IEA questionnaire to prepare the Energy Balance. Energy statistics in Iraq is available but further assistance is needed to report all necessary statistics into the questionnaires to generate an energy balance.
- 6- An evaluation form was distributed to participants at the end of the training. 70 percent of participants acquired the substantive knowledge to analyze energy statistics and energy balance while 30 percent acquired the knowledge to produce energy statistics and balance. The results of the evaluation are attached in annex 3.

PROBLEMS FACED AND RECOMMENDATIONS

- 7- Participants requested that UNESCWA sends an energy expert to the Ministry of Planning - Central Organization of Statistics to stay in-house for the period of one

month to assist them in completing the questionnaires and generate energy balances with the available energy statistics. UNESCWA consultants advised the trainees to continue working on the statistics reporting into the energy balance and send them to UNESCWA and consultants for reviewing and commenting.

- 8- UNESCWA experts clarified that the cooperation and coordination between the various governmental organizations is very essential. It was also explained that the Ministry of Planning - Central Organization of Statistics is responsible for generating the energy balance for Iraq while the Ministry of Electricity is responsible for providing electricity and renewable energy statistics in a questionnaire form, while the Ministry of Oil is responsible for providing oil and natural gas statistics in a questionnaire form.
- 9- Consultants stressed on the importance of the cooperation between the national stakeholders and the regional and international community that work on energy statistics. Participants were advised to contact UNESCWA for any assistance or for consult.

Annex 1
List of Participants

Name	Title	Organization	Telephone	Email
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Annex 2

Draft Agenda

Follow Up Mission on Energy Statistics Erbil, Iraq 1-5 June 2014

Draft Agenda

Sunday, 01 June 2014	
09.00 – 09.30	Registration of participants
09.30 – 10.00	Welcome remarks
10.00 – 10.45	Project Outcome, IRES and international work on energy statistics
10:45 – 11.15	Coffee Break
11:15 – 12.30	Electricity and heat statistics - Presentation
12.30 – 13.00	Electricity and heat statistics - Practical exercises
13.00– 14.00	Lunch time
14.00 – 15.30	Electricity and heat statistics - Practical exercises
15.30 – 16.30	Oil statistics (annual) - Presentation
Monday, 02 June 2014	
09.00 – 11.00	Oil statistics (annual) - Practical exercises
11.00 – 11.30	Coffee Break
11.30 – 12.30	Gas statistics (annual) - Presentation
12.30 – 13.00	Gas statistics (annual) - Practical exercises
13.00 – 14.00	Lunch time
14.00 – 15.30	Gas statistics (annual) - Practical exercises
15.30 – 16.00	Renewable energy statistics - Presentation
Tuesday, 03 June 2014	
09.00 – 10.30	Renewable energy statistics - Practical exercises
10:30 – 11.00	Coffee break
11.00 – 12.30	From basic statistics to energy balances - Presentation
12.30 – 13.00	From basic statistics to energy balances - Practical exercises
13.00 – 14.00	Lunch time
14.00 – 15.30	From basic statistics to energy balances - Practical exercises
15.30 – 16:30	Participating Countries Presentation

Wednesday, 04 June 2014	
09.00 – 09:30	Estimates of CO₂ emissions from energy data - Presentation
09.30 – 11.00	Estimates of CO₂ emissions from energy data - Practical exercises
11.00 – 11.30	Coffee Break
11.30 – 13.00	Introduction to developing energy efficiency indicators - Presentation
13.00 – 14:00	Lunch time
14.00 – 15.30	Introduction to developing energy efficiency indicators - Practical Exercises
Thursday, 05 June 2014	
09:00 – 10.00	Checks and consistency in energy statistics - Presentation
10.00 – 11.00	Checks and consistency in energy statistics - Practical exercises
11.00 – 11.30	Coffee Break
11.30-12.00	Round Table
12.00-13.00	Recommendations and Closing

Annex 3

Mission Evaluation



EVALUATION FORM

Follow up Mission on Energy Statistics Erbil, Iraq 01-05 June 2014

A. Overall Assessment		Yes	No	No answer
1) Did you acquire at this workshop any substantive knowledge involving techniques on how:	a. to produce Energy Statistics and balance?	30%	60%	10%
	b. to analyze Energy Statistics and balance?	70%	10%	10%

Please evaluate the following:	Excellent	Good	Adequate	Poor	Very poor	Not applicable	No answer
B. Content and conduct of the workshop							
2) Quality of materials	40%	60%					
3) Quality of presentations	60%	40%					
4) Sufficient time for discussion and participation	60%	10%	10%	20%			
5) Balance between topics	60%	40%					
6) Usefulness of each topic:							
Overview of Energy Statistics	60%	30%					10%
Oil Statistics (annual)	70%	30%					
Natural Gas Statistics (annual)	90%	10%					
Renewable Statistics	70%	30%					
Electricity and Heat Statistics	80%	10%	10%				
Checks and Consistency	70%	30%					
From Basic Statistics to Energy Balances	80%	10%	10%				
Energy Efficiency Indicators	60%	30%					10%
CO2 Emissions	70%	30%					
Participants Presentations	50%	50%					
7) Clarity of conclusions reached after each session	60%	10%					30%
8) Extent to which session objective was achieved	60%	20%					20%
9) Overall value of the training workshop	70%	20%					10%
10) How do you evaluate the trainers	70%	20%					10%



EVALUATION FORM

<p>11) What was the most useful element of the workshop?</p> <ul style="list-style-type: none"> - Recognizing the importance of statistics in the energy sector and the necessity to improve it; - Comparing the level of practices between different countries (participating and developed countries); - The need to evaluate the statistical system available at the national level and improve it; - All topics were important and good; - The energy balance exercise that included oil, natural gas, electricity, and renewable energy questionnaires, was one of the most useful lectures; - All topics were important and in particular energy balance; suggestion to have balance in English and Arabic Language; - Allocate more time for Oil and Natural Gas Statistics to allow more discussions; - All topics were very important, especially the oil and natural gas questionnaires, since lecturers made great efforts in relaying important information to participants; - How to correct our work in energy statistics. <p>12) Comments or suggestions to improve the content and conduct of the workshop:</p> <ul style="list-style-type: none"> - The Workshop needs more than five days due to the importance of the contents of the program; - More similar workshops to allow improvement, specifically in countries that lag behind in statistics (several workshops within the same country); - The need to urge leaders in the statistics and energy sector to advance it through discussions and highlight the importance of energy balance; - Working days were long (08.00-17.00) which affected the participants; - Increase the number of participants from other countries; - The length of the workshop should be longer with shorter working days; - Have Bilingual exercises in the same file to facilitate practice once back to country; - Provide laptops and other meeting services for each participate to facilitate data handling; - Working programs (Microsoft Office) to be provided in Arabic; - The training workshop was interesting and energy statistics need to be reviewed upon return home; - Provide such training in Erbil, Iraq if possible. 							
C. Organization of the workshop							
13) Timeliness of distribution of invitation/agenda/materials	70%	10%	10%				10%
14) Duration of workshop	80%	20%					
15) Quality of workshop facilities	90%	10%					
16) Overall planning and organization of the workshop	90%	10%					
<p>17) Comments or suggestions to improve the organization of the workshop</p> <ul style="list-style-type: none"> - Provide more than one follow-up mission to avoid neglect; - The need to urge leaders in the statistics and energy sector to advance it through discussions and highlight the importance of energy balance; - Increase the number of participants from other countries; - Provide laptops and other meeting services for each participate to facilitate data handling; - The possibility of organizing the workshop in safe cities in Yemen; - Longer training workshop, more than one week to increase understanding of the presented material. 							