Energy data workshop – MENA region
Organised by the IEA, with the collaboration of UNESCWA and RCREEE
Agenda
October 12, 2023

Virtual event		
All times are indicated in Paris time zone		
Time	**Content**	**Presenter**
Opening		
12:00 – 12:05	**Opening remarks from the IEA**	Nick JOHNSTONE Nadim ABILLAMA
12:05 – 12:10	**Opening remarks from the UNESCWA**	Wafa ABOUL HOSN
12:10 – 12:15	**Opening remarks from the RCREEE**	Nadia CHIOUKH
Fundamentals of energy statistics and balances		
12:15 – 12:35	**Fundamentals of energy statistics** *The session will review the key concepts of energy statistics and balances, with a focus on the MENA region and on oil and gas trade, based on the international recommendations for energy statistics (IRES).*	Nicola DRAGHI, IEA Marc CASANOVAS, IEA
12:35 – 12:45	Q&A	
12:45 – 13:00	Dedicated exercise session	
Trade statistics		
13:00 – 13:15	**Trade Data on oil and oil products on ESCWA's External Trade Data Platform for the Arab Region** *The session will provide an overview of trade data for oil in the region through the interactive bilingual platform on foreign trade data.*	Majed HAMOUDEH, UNESCWA
Renewables development in MENA		
13:15 – 13:30	**Renewables development in MENA** *The session will provide an overview of renewable development in the region, and how to monitor it.*	Eman ADEL, RCREEE
Estimating Emissions		
13:30 – 13:45	**Emissions estimation** *The session will explain the methodology for greenhouse gas emissions estimations from the energy sector covering both the sectoral and reference approaches.*	Juha KOYYKA, IEA
13:45 – 13:55	Q&A	
13:55 – 14:10	Dedicated exercise session	
10 min break		
Efficiency Indicators		
14:20 – 14:40	**End-use data and efficiency indicators** *The session will cover end-use statistics and indicators for industry, services, transport and residential sector and look at data collection practices and methodologies for each sector.*	Domenico LATTANZIO, IEA
14:40 – 14:50	Q&A	
14:50 – 15:00	Dedicated exercise session	

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Energy Prices Data	
15:00 – 15:15	**Tracking energy prices** *The session will explain IEA's data collection and methodology for tracking end-use prices and taxes.*	Pedro CARVALHO, IEA
15:15 – 15:25	Q&A	

Estimating solar energy	
15:25 – 15:40	**Using New data sources for estimating solar energy in Selected Countries** *The session will explain how we can use new data sources for estimating solar energy data.*	Christoph ROUHANA, UNESCWA

Geospatial data	
15:40 – 15:55	**Mapping Energy: Geospatial Insights for the Energy Sector** *The session will explain how geospatial data enhances our understanding of energy trends in the MENA region.*	Darlain EDEME, IEA

Conclusion	
15:55 – 16:00	**Workshop conclusion**	IEA, UNESCWA, RCREEE

IEA Organizational Team:

Chairs
Roberta QUADRELLI
Zakia ADAM

Support
Audrey FORGUES
Maïke FISCHMANN
Kerem YILMAZ

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IEA Energy Statistics Course
October 9 - 11, 2023
Agenda

Day 1

Time	Content	Presenter
Coal Module		
12:00 – 12:10	Welcome from the IEA	Nick Johnstone
12:10 – 12:30	**Coal** *This session gives an overview of the recent trends in world coal production, consumption, and trade, including its role in electricity generation; there is also key guidance on how to report data in the joint annual coal questionnaire. Participants will learn about coal classifications, and how to create a coal balance.*	Nicola Draghi (Marc Casanovas)
12:30 – 12:45	Q&A	
5min break		
12:50 – 13:30	Dedicated exercise session	Nicola Draghi (Noah Henderson) Marc Casanovas (Taylor Morrison)
5min break		

Time	Content	Presenter
Renewables Module		
13:35 – 13:55	**Renewables** *This session gives an overview of the latest trends in renewable sources of energy. The four classifications of renewable and waste sources will be explained, including a focus on different types of solid biofuels. Participants will learn about the different aspects of creating a renewable balance, and how to report data in the joint annual renewables and waste questionnaire.*	Luca Lorenzoni (Riccardo Inverni)
13:55 – 14:10	Q&A	
5min break		
14:15 – 14:55	Dedicated exercise session	Fabian Burkard (Luca Lorenzoni) Riccardo Inverni (Taylor Morrison)
5min break		

Time	Content	Presenter
Introduction to Hydrogen Data Collection Module		
15:00 – 15:15	**Introduction to Hydrogen Data Collection** *Given the increasing importance that Hydrogen is making within the energy domain, this short introductory session will explain some of the key concepts and data flows that countries should seek to collect to help produce a hydrogen balance. Links to ammonia and e-fuels will also be discussed.*	Nicolas Coënt (Luca Lorenzoni)
15:15 – 15:30	Q&A	

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Natural Gas Module

12:00 – 12:20	**Natural Gas** *This session gives an overview of the recent trends in gas production and consumption in the energy mix, key concepts in gas statistics and fundamental guidance on reporting data into the joint annual gas questionnaire. Participants will learn about the gas supply chain and commodity flow, taking into account the special considerations for reporting trade, for example.*	Noah Henderson (Seydou Dia)
12:20 – 12:35	Q&A	
5min break		
12:40 – 13:25	Dedicated exercise session	Seydou Dia (Byungho Jung) Noah Henderson (Marc Casanovas)
5min break		

Oil Module

13:30 – 13:50	**Oil** *This session gives an overview of the recent trends in oil supply and demand, key concepts in oil statistics and fundamental guidance on reporting data into the joint annual oil questionnaire. Participants will learn the characteristics that define oil and follow the various elements in the supply chain, from oil production to final consumption, that comprise the oil balance.*	Byungho Jung (Seydou Dia)
13:50 – 14:05	Q&A	
5min break		
14:10 – 14:55	Dedicated exercise session	Byungho Jung (Carina Gwennap) Seydou Dia (Noah Henderson)
5min break		

Energy Demand and End-Use Data Module

15:00 – 15:20	**Energy Demand and End-Use Data** *The session will describe the key data needed for a good representation of the demand-side of the energy system, including: power and transformation, industry, transport, buildings and other sectors – typically requiring dedicated data collection at national level. Demand-side data are key to the design of a complete and accurate energy balance. The session will also show the benefits of collecting detailed end-use data for each sector, as a preliminary step to developing efficiency indicators to inform and monitor sectoral policies.*	Thomas Elghozi (Jungyu Park)
15:20 – 15:30	Q&A	

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Electricity Module

12:00 – 12:20	**Electricity** *This session gives an overview of the latest trends in world electricity generation and consumption. The distinction between primary and secondary electricity sources, as well as between main activity and auto producer plans will be explained, as will the unique way of classifying electricity trade data. Guidance will also be given on how to check generation efficiencies, and report the data in the joint annual electricity and heat questionnaire.*	Fabian Burkard (Riccardo Inverni)
12:20 – 12:35	Q&A	
	5min break	
12:40 – 13:25	Dedicated exercise session	Riccardo Inverni (Nicola Draghi) Fabian Burkard (Nicolas Coënt)
	5min break	

Energy Balances Module

13:30 – 13:50	**Energy Balances** *The session will explain the definitions, concepts and conventions underlying the building of a national energy balance. It will show how an energy balance is also the starting point for the construction of various indicators such as energy intensity, energy consumption per capita, of for early estimations of CO_2 emissions from fuel combustion. The session combines presentation and hands-on exercises, including featuring the IEA balance builder.*	Taylor Morrison / Nicolas Coënt
13:50 – 14:05	Q&A	
	5min break	
14:10 – 14:55	Dedicated exercise session	Taylor Morrison (Luca Lorenzoni) Nicolas Coënt (Byungho Jung)
	5min break	

Final Session   - Closing

15:00 – 15:15	Training Evaluation	Domenico Lattanzio
15:15 – 15:30	Closing remarks and group photo	Nick Johnstone

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