

# **JOINT WOOD ENERGY ENQUIRY 2021 TRAINING WEBINAR**

**Module 1 – 16 April 2023**

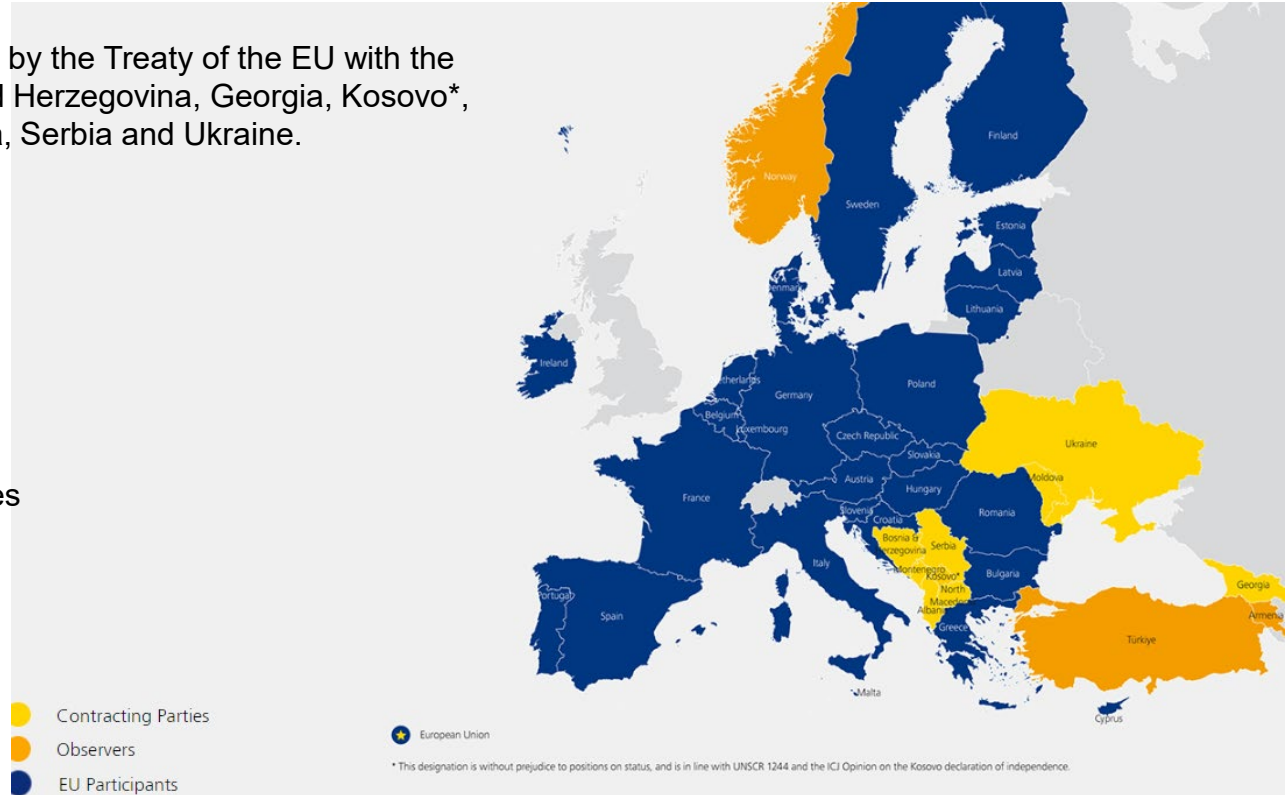
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Energy Community Secretariat**

# ENERGY COMMUNITY

Energy Community (EnC) is established by the Treaty of the EU with the Contracting Parties: Albania, Bosnia and Herzegovina, Georgia, Kosovo\*, Moldova, Montenegro, North Macedonia, Serbia and Ukraine.

## Sectors

- Electricity
- Natural gas
- Oil
- Green deal
  - Energy from renewable sources
  - Energy efficiency
  - Environment
  - Climate
- Cross cutting:
  - Statistics
  - Competition
  - Infrastructure



<https://www.energy-community.org/legal/acquis/>

❑ **Regulation 1099/2008 on energy statistics (amended)**

❑ **Regulation 2016/1952(EU) on price statistics**

And:

- ✓ Directive 2009/119 on **oil stocks**
- ✓ Directive 2018/2001 on **promotion of RES** (RED II)
- ✓ **Governance** Regulation 2018/1999

- Addressed to all Contracting Parties
- Data to be transmitted to EUROSTAT!!!
- Publicly available data in common EU Database

<https://ec.europa.eu/eurostat/web/energy/data/main-tables>

- Methodologies, instructions, explanations
- Annual data transmitted to IEA!

**EnC does not maintain its own statistics database.**

Our orientation is to follow the EU reporting and transparency obligation related to energy

Decisive role of Eurostat and IEA in developing EnC energy statistics

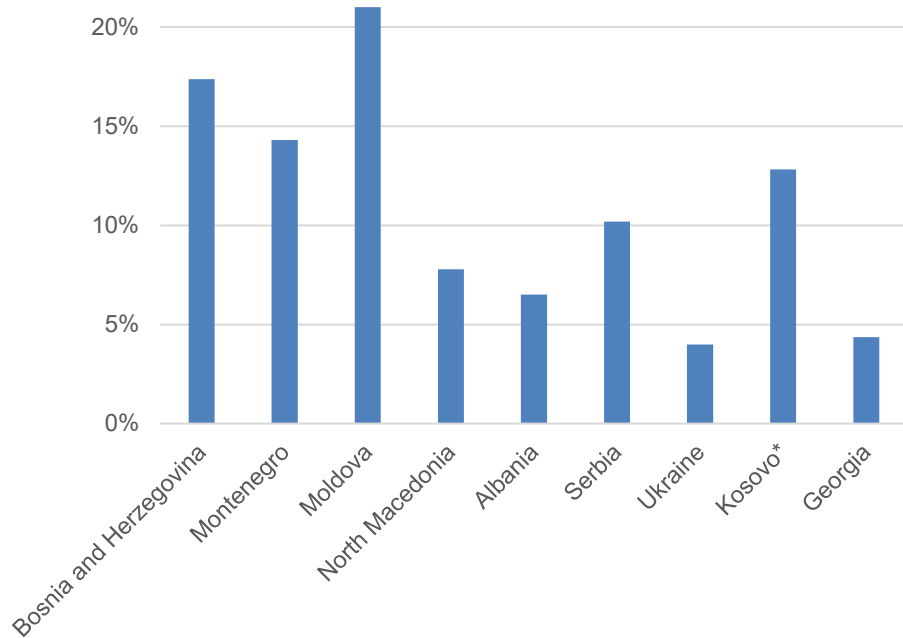
- ✓ EnC energy statistics is fully integrated in EU database,
- ✓ freely accessible and downloadable from EUROSTAT database
- ✓ published in IEA database

# RELIABLE DATA ON BIOMASS

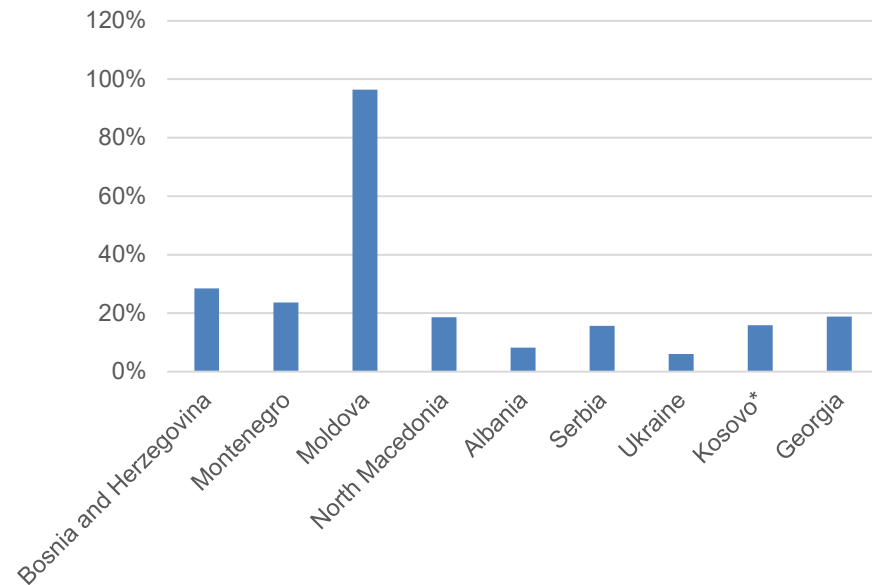
- ☀ JWEE initiative is becoming more relevant in the current energy and climate policy and ongoing prioritization of policy objectives and views on the energy fuel mix, in relation to:
  - Security of supply
  - Affordability
  - Energy transition
  
- ☀ In the EnC, relevant energy data, including production, transformation and consumption of biomass, shall be reported in the same format as for the EU MSs and published in the Eurostat database.
  
- ☀ Biomass AQ compatible with JWEE is prepared and defined by Eurostat (next agenda item)
  
- ☀ Biomass reporting in accordance with Governance Regulation (Regulation 2018/1999) is also part of the EnC Reporting obligations, EnC experts are involved in EUSTAT WG and we expect that 2022 annual questionnaires will be submitted in due time.

# SOLID BIOFUEL IN FUEL MIX

25% Solid biofuels in gross available energy (2021)



Solid biofuel in primary production



Source: Eurostat database (Ukraine- 2020 data)



Technical assistance was provided to interested Contracting Parties to conduct their first survey of energy consumption in households. In MNE, energy consumption in services was surveyed. (In GEO and MLD, the surveys were repeated in 2022 and 2023 respectively, with their own resources).

Completed projects:

[Energy consumption in service sector](#) in Montenegro 2014

[Energy consumption in households](#) in FYR Macedonia 2015

[Survey on household energy consumption](#) in BiH 2015

[Energy consumption in Households](#) in Moldova 2016

[Energy consumption in households](#) in Georgia, 2017

[Energy consumption in households in Serbia](#) 2021

[Energy consumption in households in Moldova](#) 2022

Energy consumption in households in Georgia - ongoing

# CONSUMPTION IS THE KEY

Significant share of biomass obtained and used for own consumption, especially in residential sector, was not recorded as there is no commercial transactions and often unnoticed by regular statistics radar.

Observations:

1. The **CONSUMPTION** surveys provided completely new outlook of the energy production and consumption in service and residential sectors
2. Wood energy expertize was instrumental to ensure quality of survey, efficiency of invested resources and efforts and for acceptance of the finding.

# CORRESPONDENTS

Energy data need to be reconciled with statistics in Transport, Forestry, Agriculture, Environment, Social ...

Obviously forestry and wood expertize is needed to obtain quality data and produce relevant JWEE questionnaire.

The EnC and Energy Community Secretariat have no formal cooperation and coordination with forestry statistics.

- Energy statistics coordinator designated by each Contracting Party to cooperate within EnC
- Energy experts from CPs - to be involved as correspondents for JWEE, at least as a back up to already designated national experts in JWEE initiative.



# THE CARBON FOOTPRINT

NECP and RES targets include biomass as a renewable source of energy. Still, the emission from combustion is not sufficiently underlined in the planning.



Consumption of biomass for energy in the EnC, especially Balkans, where gasification has not taken place on a wide scale, is very important in the fuel mix, especially household and service sectors, with significant impact on climate and carbon footprint.



Monitoring and reporting through JWEE has proved useful so far to measure the energy obtained and consumed from wood.



Now it is time **to monitor the emissions.**



# THANK YOU FOR YOUR ATTENTION

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## GET IN TOUCH

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