

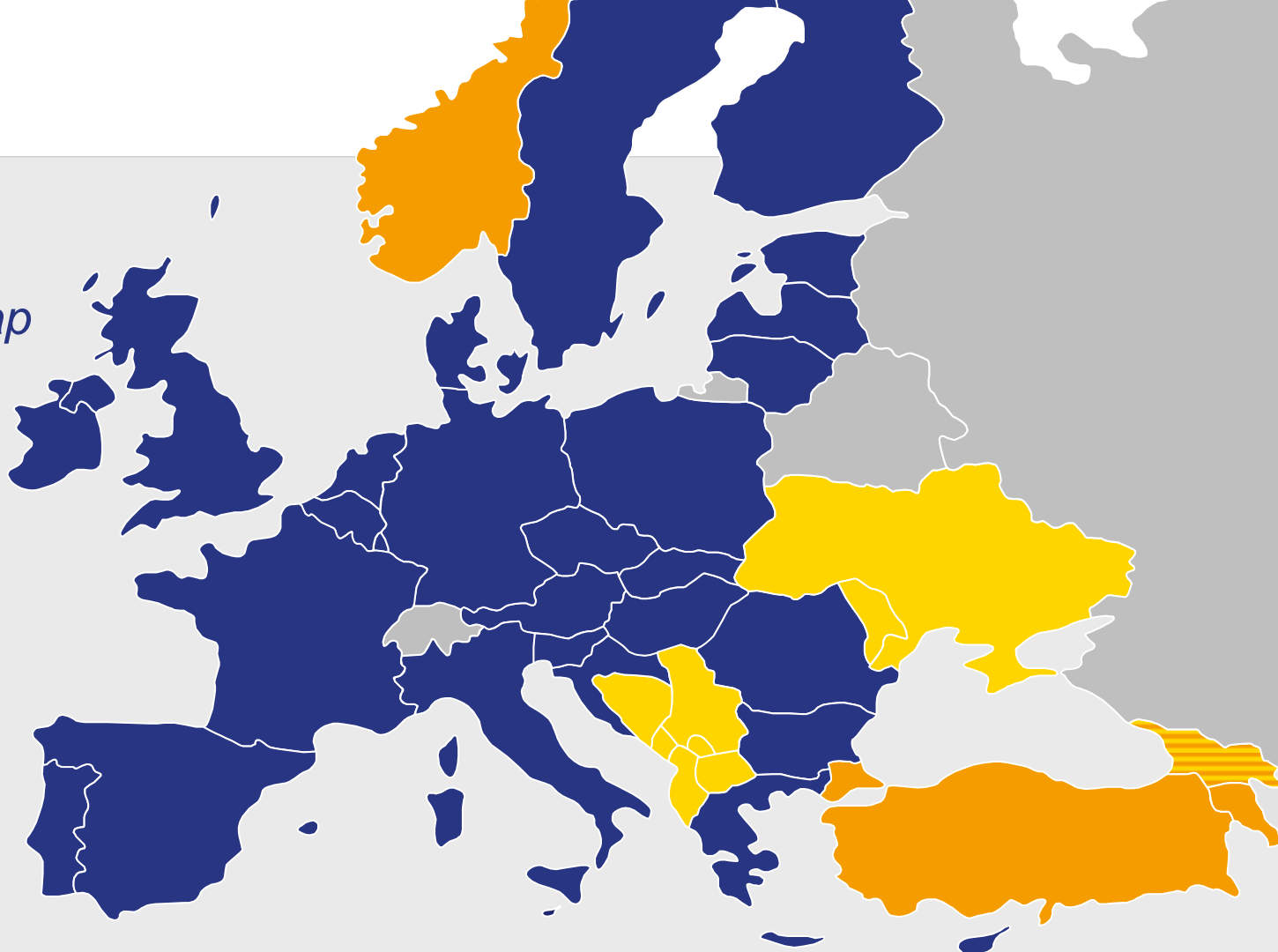
The background is a dark blue map of Europe, with numerous glowing blue lines and dots representing a network or energy grid. The lines curve and connect various points across the continent, creating a sense of dynamic energy and connectivity.

## ***Implementation of EU Acquis and future opportunities***

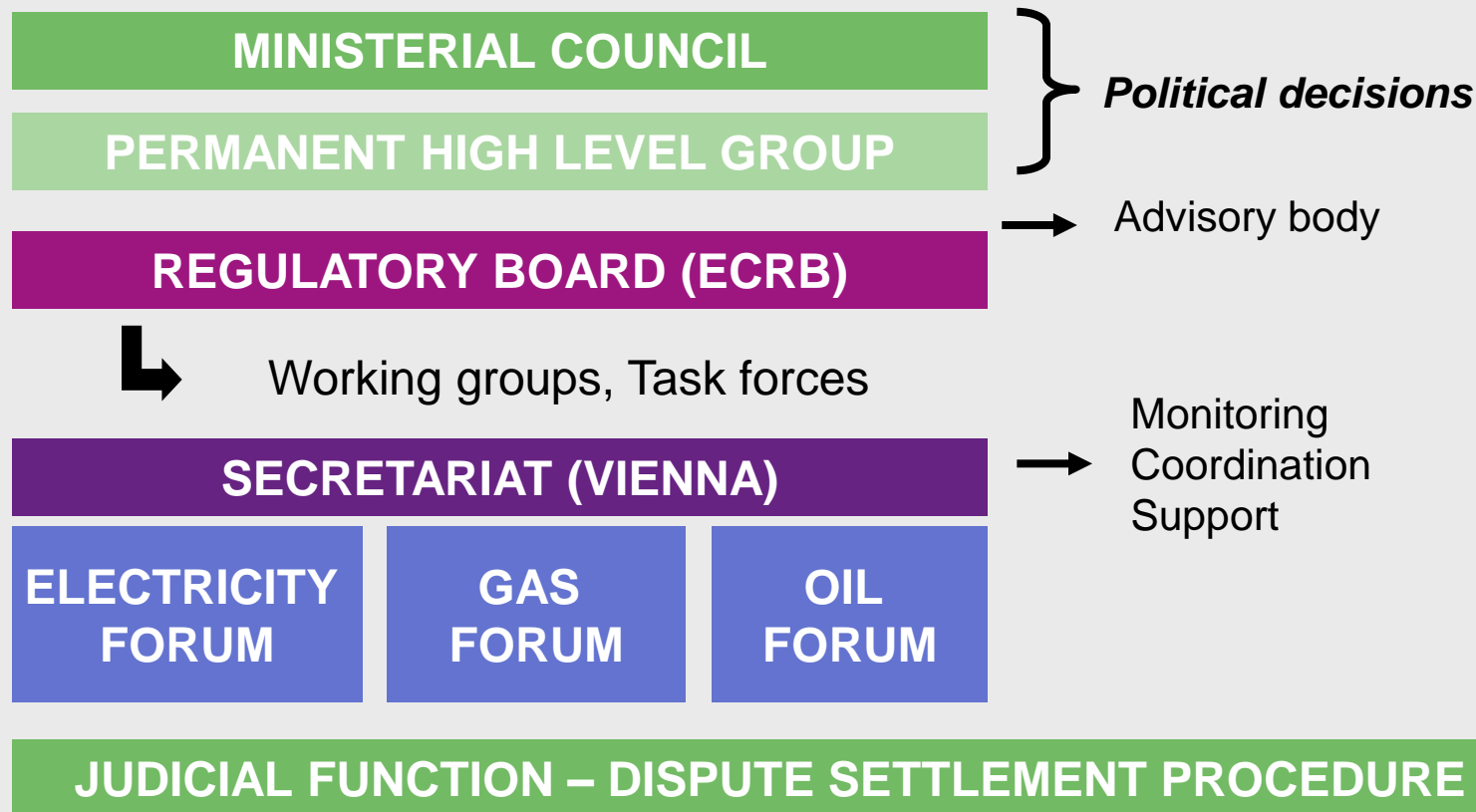
***International Conference /  
Promoting Renewable Energy Sources: Biomass in agriculture  
Novi Sad, Serbia, 12 May 2015***

## Energy Community Map

-  European Union
-  Contracting Parties
-  Candidate
-  Observers



*\* Throughout the entire document, this designation is without prejudice to positions on status, and is in line with UNSCR 1244 and ICJ Opinion on the Kosovo declaration of independence.*





Gas



Electricity



Infrastructure



Renewable energy



Environment

***Energy Community – all about networks and markets for energy***



Competition



Oil



Social



Statistics



Energy Efficiency

# ***Renewable Energy Policy in the Energy Community***



## •Renewables recognised as a part of energy sector within the Treaty signed in 2005

### *Title II / Chapter V – The Acquis for Renewables / Article 20*

*“Each Contracting Party shall provide to the European Commission within one year of the date of entry into force of this Treaty **a plan to implement** Directive 2001/77/EC of the European Parliament and of the Council of 27 September 2001 on the promotion of electricity produced from renewable energy sources in the internal electricity market and **Directive 2003/30/EC of the European Parliament and of the Council of 8 May 2003 on the promotion of the use of biofuels or other renewable fuels for transport.** The European Commission shall present the plan of each Contracting Party to the Ministerial Council for adoption.”*

## •Ministerial Council Decision 2012/04/MC-EnC in 2012

### *Title II / Chapter V – The Acquis for Renewables / Article 20*

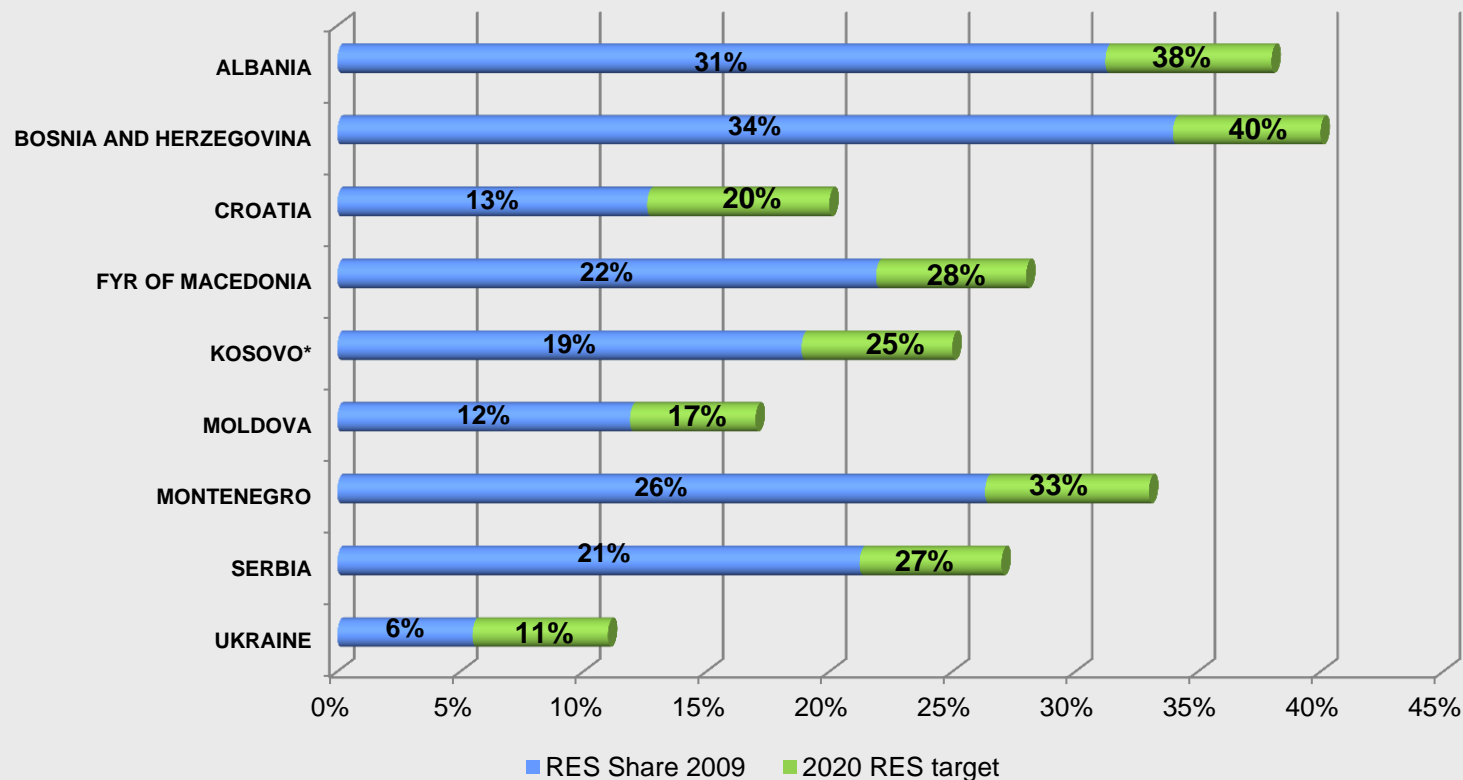
*“Each Contracting Party shall implement **Directive 2009/28/EC** of the European Parliament and of the Council of 23 April 2009 on the promotion of the use of energy from renewable sources and amending and subsequently repealing Directives 2001/77/EC and 2003/30/EC.”*





- 18 October 2012 - Ministerial Council Decision on the adoption of the new **RES Directive** in the Energy Community – D2012/04/MC-EnC
- <http://www.energy-community.org/pls/portal/docs/1766219.PDF>
- *Implementation of Directive 2009/28/EC in the Contracting Parties*
  - Implementation deadline – **1 January 2014**
  - Submission of NREAP – **30 June 2013**
    - ✓ Serbia, Kosovo\*, Moldova, Ukraine, Montenegro - OK
    - ✓ Dispute procedures continued for other 3

# 2020 RES Targets



\* Throughout the entire document, this designation is without prejudice to positions on status, and is in line with UNSCR 1244 and ICJ Opinion on the Kosovo declaration of independence.



# Calculations of RES 2020 targets

## **Three Components**

### Baseline RES Share

Flat Rate Increase of 5,5% (4% for Contracting Parties; reduction for 8/11 factor due to shorter time for implementation)

Additional Residual Effort based on relative GDP per capita

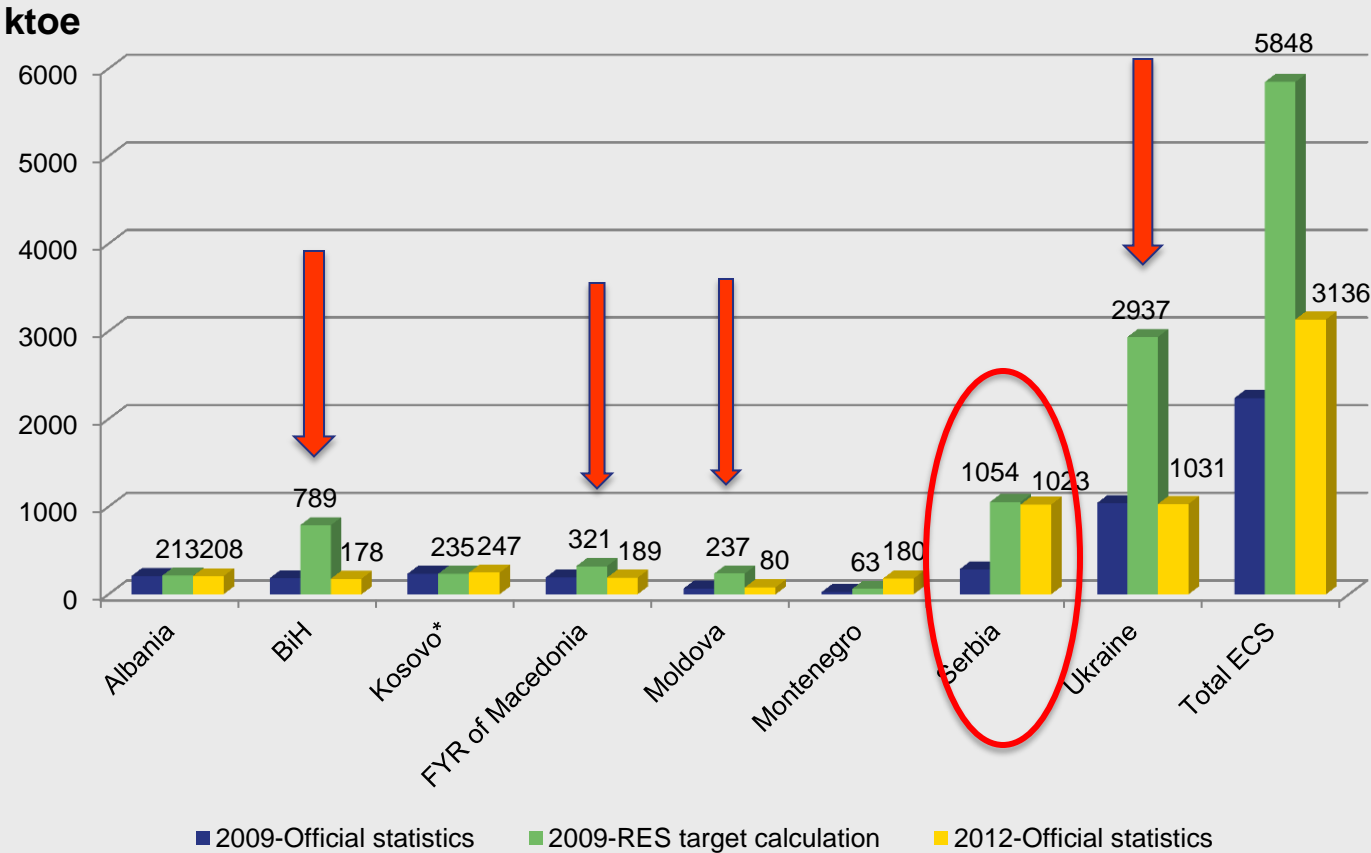
**Target expressed as percentage of total 2020 energy consumption**

**Calculated against 2009 baseline year with latest forecasts**

Different from EU baseline of 2005 in order to use most accurate data available

**RES-T** for all the same: **10%** by 2020

# Final Energy Consumption of Biomass, Biofuels and Waste



1. *Mandatory national targets (overall + 10 % RES in transport)*
2. *Flexibility between Member States*
3. *National Renewable Energy Action Plans*
4. *Reduction of administrative and regulatory barriers*
5. *Grid integration issues*
6. *Sustainability regime for biofuels*

- *Contracting Parties free to choose sectors to develop RES*
- *No technology-specific requirements*
- *Statistical transfers, joint support schemes*
- *Joint projects between Contracting Parties and EU Member States,*
  - *physical transfer of electricity to the EU is needed to count for EU MS target*

### Article 11

*Statistical Transfers and Joint support schemes shall be adopted by a majority of the Members of the Ministerial Council (favourable vote of the European Union) only if all the following conditions are met:*

- a) Contracting Party has **fully transposed Directive 2009/28/EC**, as adapted by this Decision;*
- b) that the envisaged statistical transfers or distribution rule (as appropriate) are **based on reliable and accurate energy statistics** that are compiled in accordance with the European Union's methodology on energy statistics, >>> *acquis on statistics**
- c) and that the Contracting Party is **expected to exceed the indicative trajectory** and binding target without including potential contributions from joint projects with third countries.*

## RE in electricity + RE in heating & cooling + RE in transport Gross Final Energy Consumption

❖ *Numerator adjusted according to cooperation mechanisms*

Gross Final Energy Consumption = EUROSTAT final energy consumption including consumption of the energy branch for electricity and heat generation and distribution losses

❖ *Capped to avoid penalising aviation-dependant Member States*

RE in electricity = RE electricity production, excluding pumped, with normalised wind and hydro power

RE in heating & cooling includes district heating and other sectors and net RE captured by efficient heat pumps

RE in transport only with sustainable biofuels

# ***Art 17-21 / Sustainability of biofuels and bioliquids***

**Art 17 – Sustainability criteria for biofuels & bioliquids**

**Art 18 – Verification of compliance with sustainability criteria**

**Art 19 – Calculation of the GHG impacts of biofuels & bioliquids**

**Art 20 – Implementing measures**

**Art 21 – Specific provisions related to energy from renewable sources in transport**

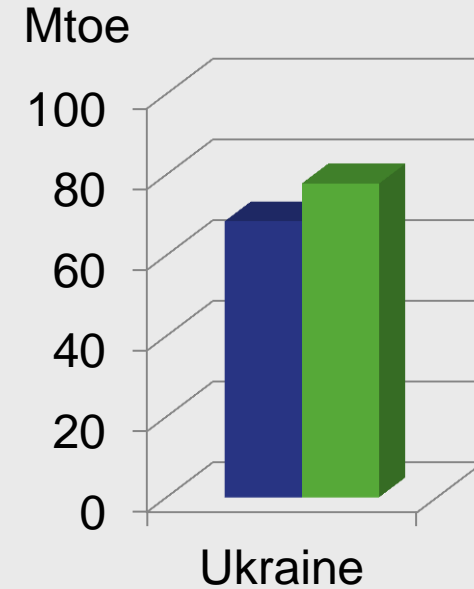
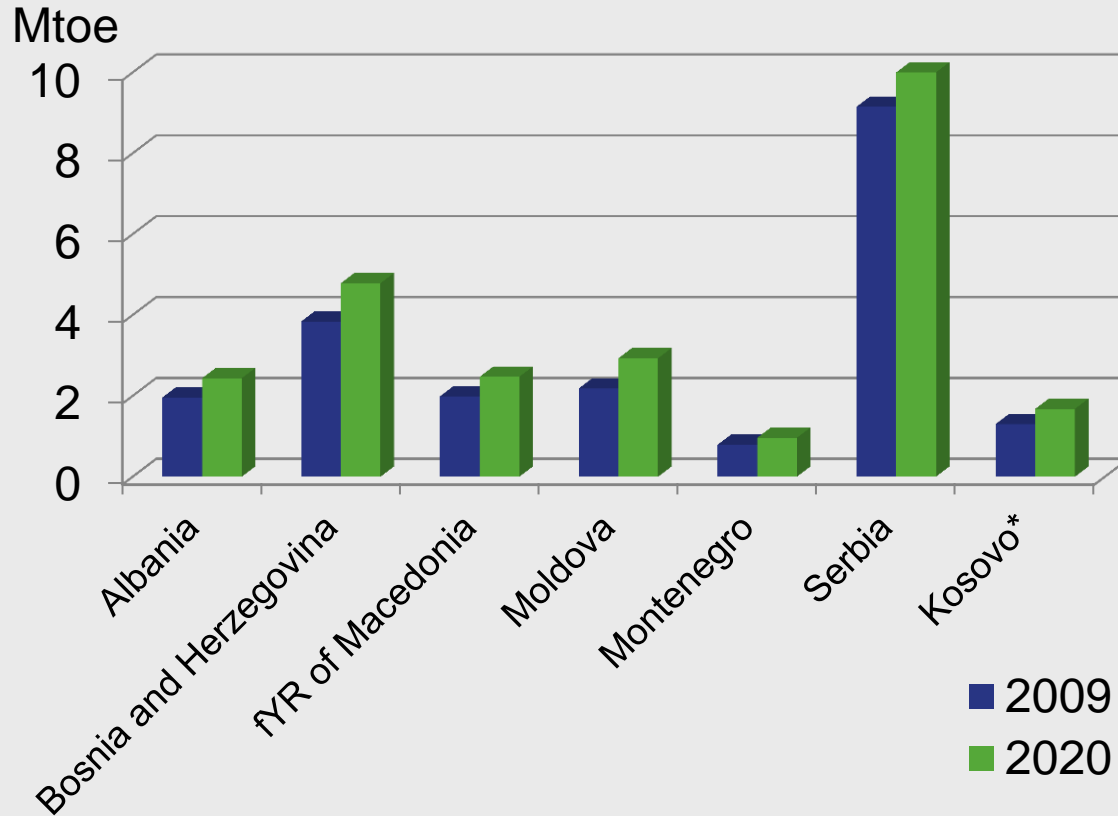
**Annex III – Energy Content of transport fuels**

**Annex V – Rules for calculating the GHG impact of biofuels, bioliquids and their fossil fuel comparators**

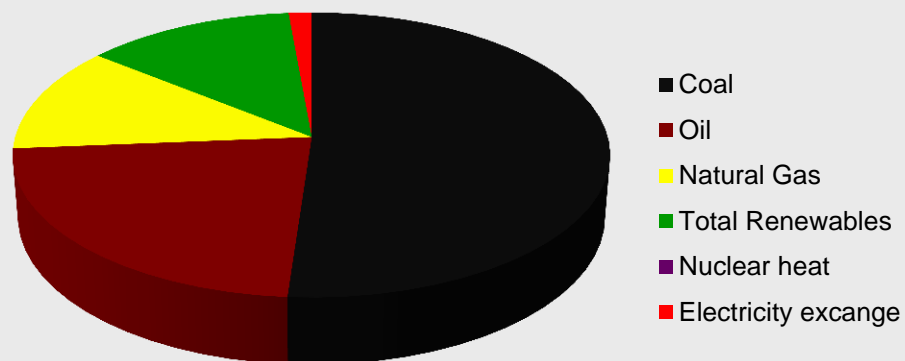




# GFEC in the Energy Community Contracting Parties

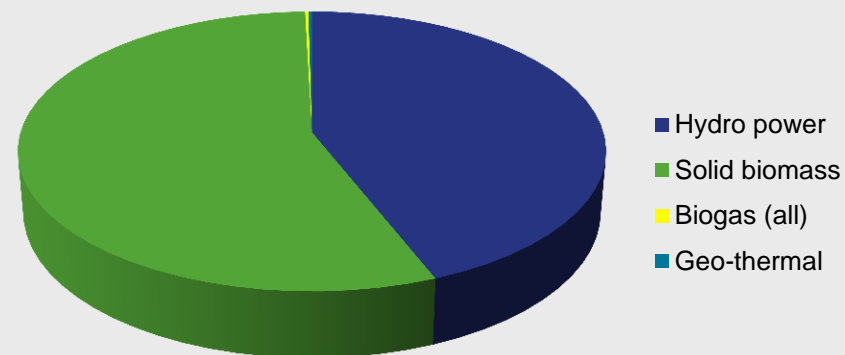


## Gross inland consumption in 2013



Total: 15 Mtoe

## Energy from Renewable Sources in 2013



Total: 2 Mtoe

Source: Eurostat





- NREAP submitted by some CPs, 2013-2015:
- Renewable Energy Workshops, Vienna (2013, 2014, 2015):
- Monitoring of Renewable Energy Acquis implementation (2013, 2014, 2015):

[https://www.energy-community.org/portal/page/portal/ENC\\_HOME/AREAS\\_OF\\_WORK/Instruments/Renewable\\_Energy/Events](https://www.energy-community.org/portal/page/portal/ENC_HOME/AREAS_OF_WORK/Instruments/Renewable_Energy/Events)

[https://www.energy-community.org/portal/page/portal/ENC\\_HOME/AREAS\\_OF\\_WORK/Implementation](https://www.energy-community.org/portal/page/portal/ENC_HOME/AREAS_OF_WORK/Implementation)

- RES Legal database (2014):

<http://www.res-legal.eu/>

- Infringement cases launched (2014):

[https://www.energy-community.org/portal/page/portal/ENC\\_HOME/AREAS\\_OF\\_WORK/Dispute\\_Settlement/2014](https://www.energy-community.org/portal/page/portal/ENC_HOME/AREAS_OF_WORK/Dispute_Settlement/2014)

- Technical assistance / workshops on biofuel (2014):

[https://www.energy-community.org/portal/page/portal/ENC\\_HOME/AREAS\\_OF\\_WORK/Instruments/Renewable\\_Energy/Biofuels](https://www.energy-community.org/portal/page/portal/ENC_HOME/AREAS_OF_WORK/Instruments/Renewable_Energy/Biofuels)

- Progress Report by (almost all) Contracting Parties
- Study on NREAP and Progress in RES (2014-2015)



*Thank you for your attention!*

[www.energy-community.org](http://www.energy-community.org)

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