

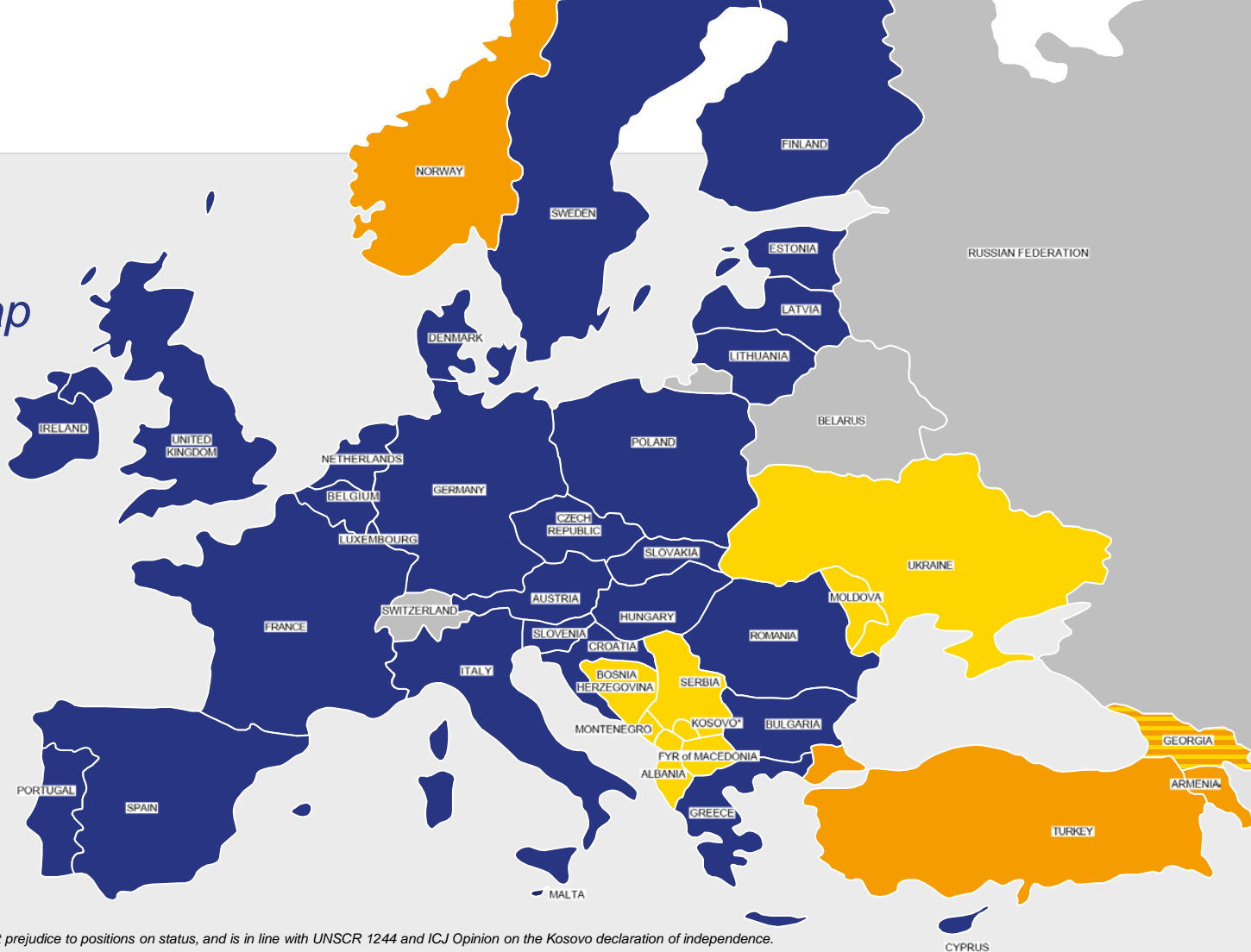


## ***Renewable Energy in the Energy Community***

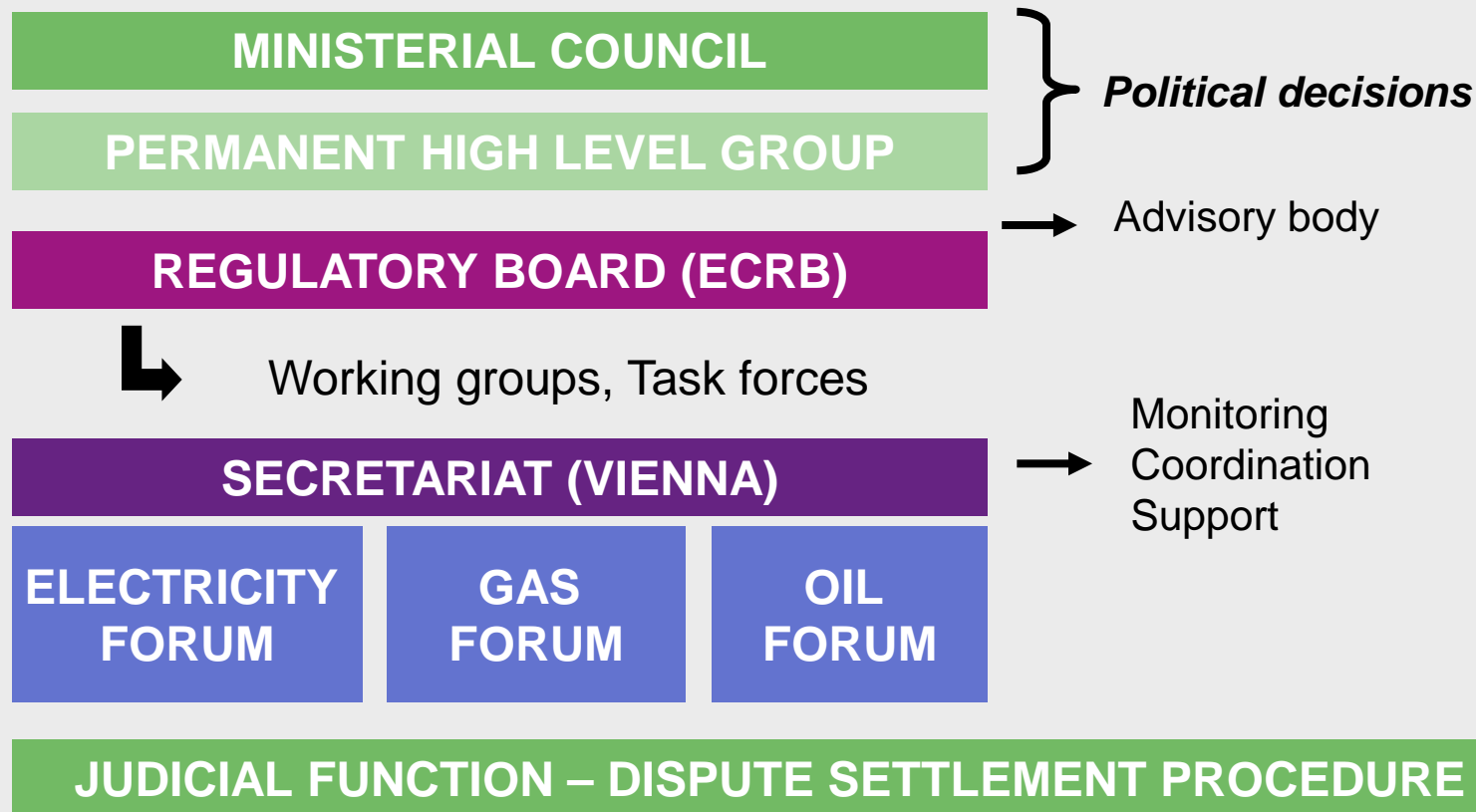
***Vienna, 27-28 April 2015***

# 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

- ▶ **Gas** (Second, Third package) (2 Directives, 2 Regulations)
- ▶ **Electricity** (Second, Third package) (2 Directives, 3 Regulations)
- ▶ **Environment** (5 Directives: LCPD, IED, EIAD, SFD, BD)
- ▶ **Competition** (some provisions of the Treaty)
- ▶ **Renewable energy sources** (RES Directive)
- ▶ **Energy efficiency** (3 Directives: ESD, EPBD, ELD, 9 Technical Regulations)
- ▶ **Antitrust and state aid** (some provisions of the Treaty)
- ▶ **Statistics** (1 Directive, 1 Regulation)
- ▶ **Oil Stocks** (1 Directive)

# ***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.”*

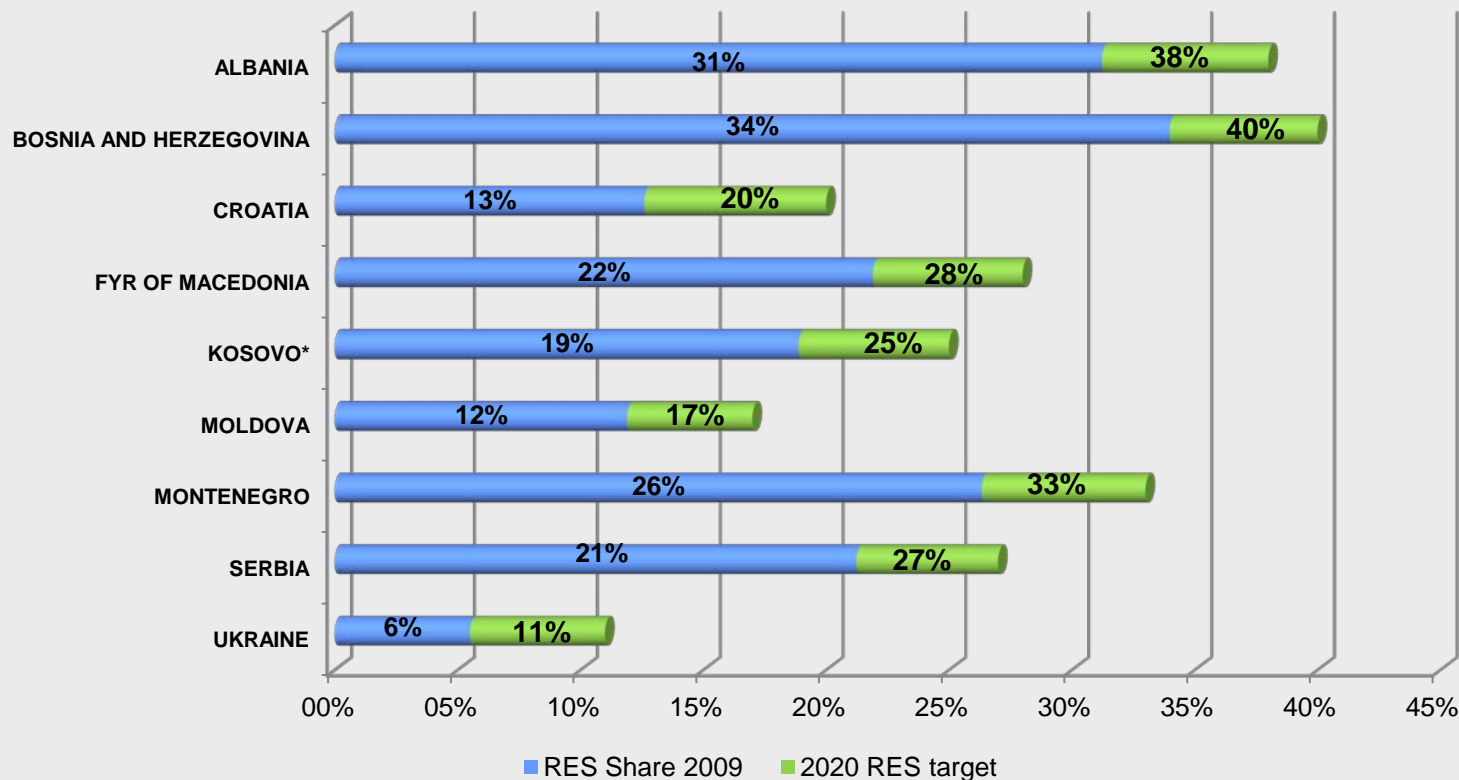




- 18 October 2012 - Ministerial Council Decision on the adoption of the new **RES Directive** in the Energy Community – D2012/04/MC-EnC
- <http://www.energy-community.org/pls/portal/docs/1766219.PDF>
- *Implementation of Directive 2009/28/EC in the Contracting Parties*
  - Implementation deadline – **1 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.*

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.*

- *To ensure that the mandatory national overall targets are achieved;*
- *To work towards an indicative trajectory;*
- *To ensure harmonisation and comparability of reported data and information;*

*Commission adopted **a template** for the NREAP*

*COMMISSION DECISION 2009/548/EC of 30 June 2009 establishing a template for National Renewable Energy Action Plans under Directive 2009/28/EC of the European Parliament and of the Council <http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32009D0548>*

- *The template comprises the minimum requirements set out in Annex VI.*
- *Contracting Parties shall comply with the template in the presentation of their national renewable energy action plans;*

## Art. 5 - Calculation of renewable share

**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*

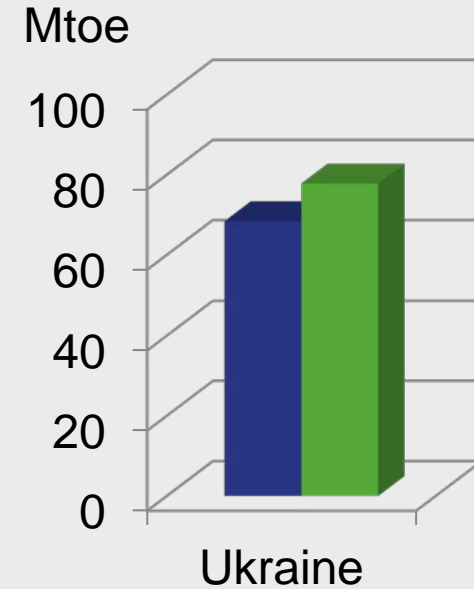
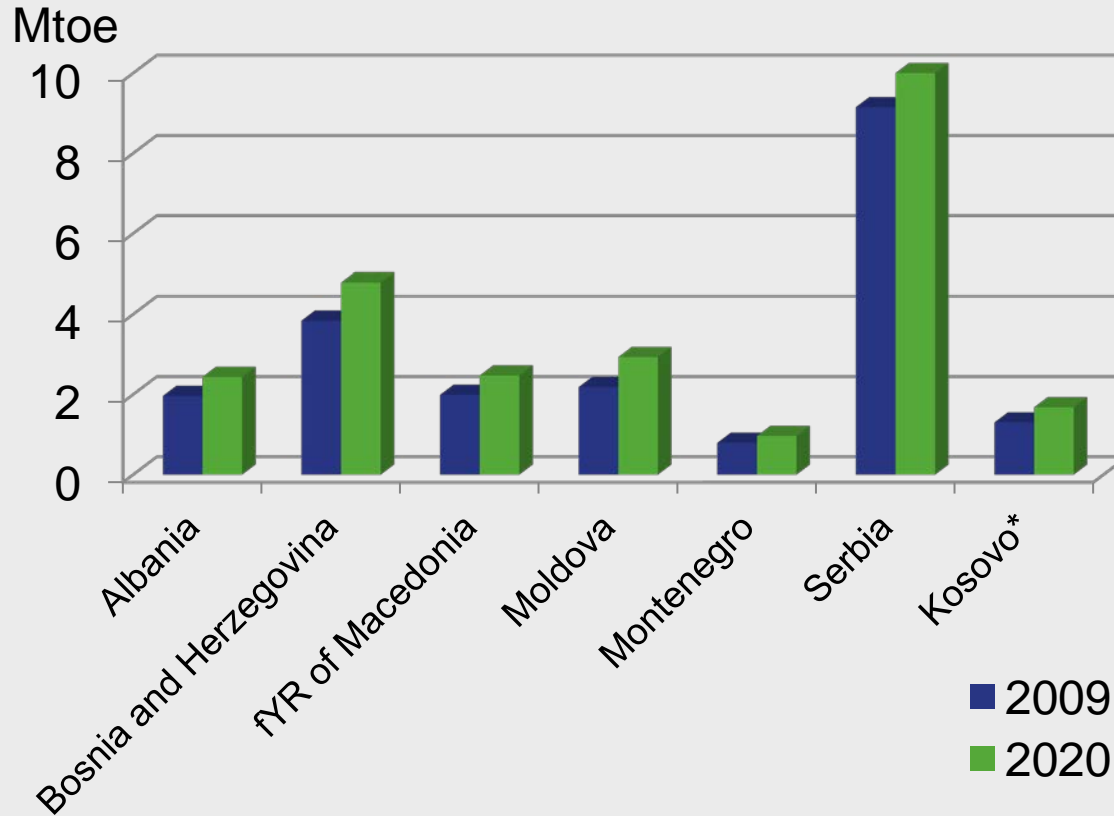
RE in electricity = RE electricity production, excluding pumped, with normalised wind and hydro power

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

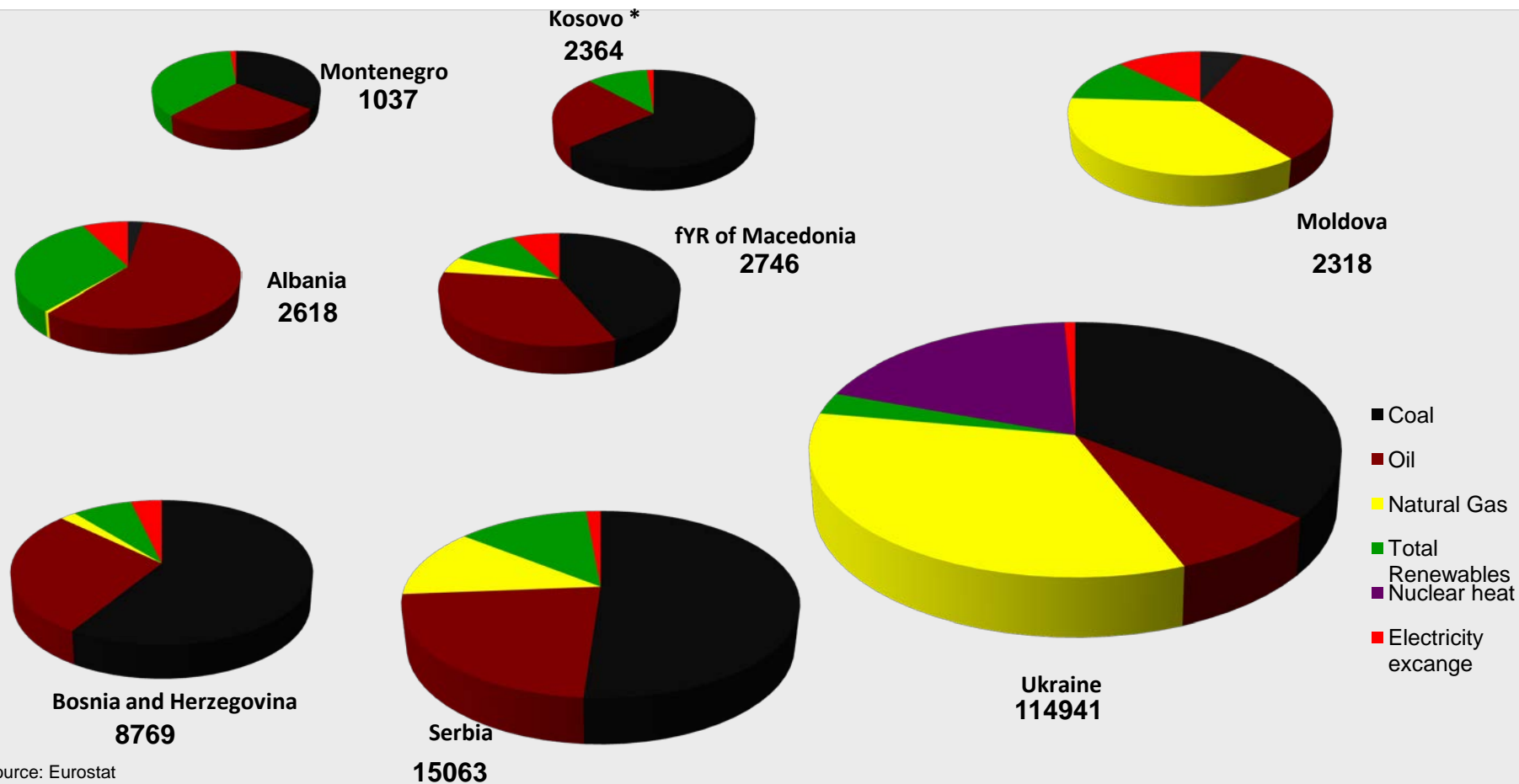
RE in transport only with sustainable biofuels



# GFEC in the Energy Community

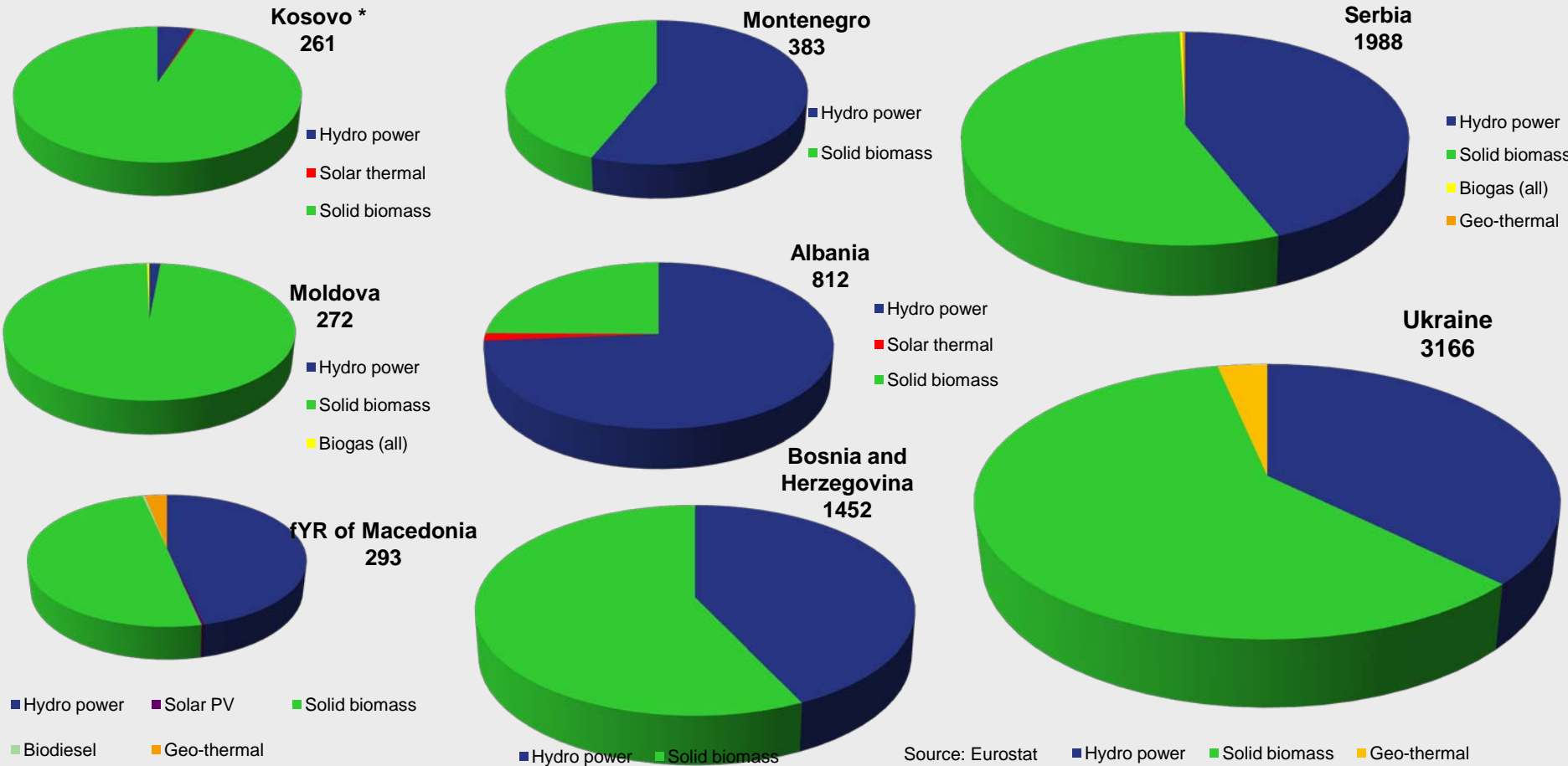


# Gross inland consumption in 2013 (ktoe)

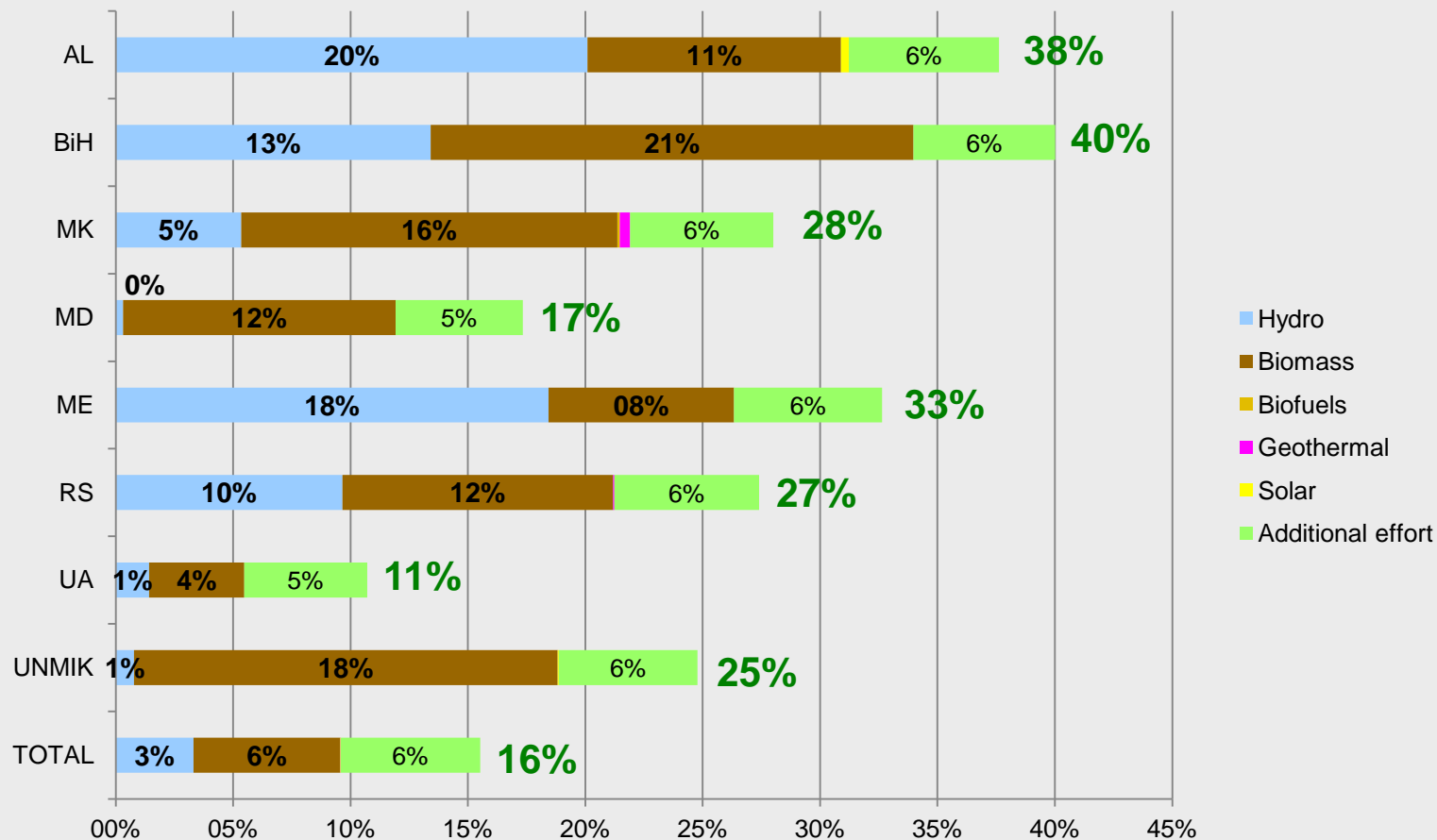


Source: Eurostat

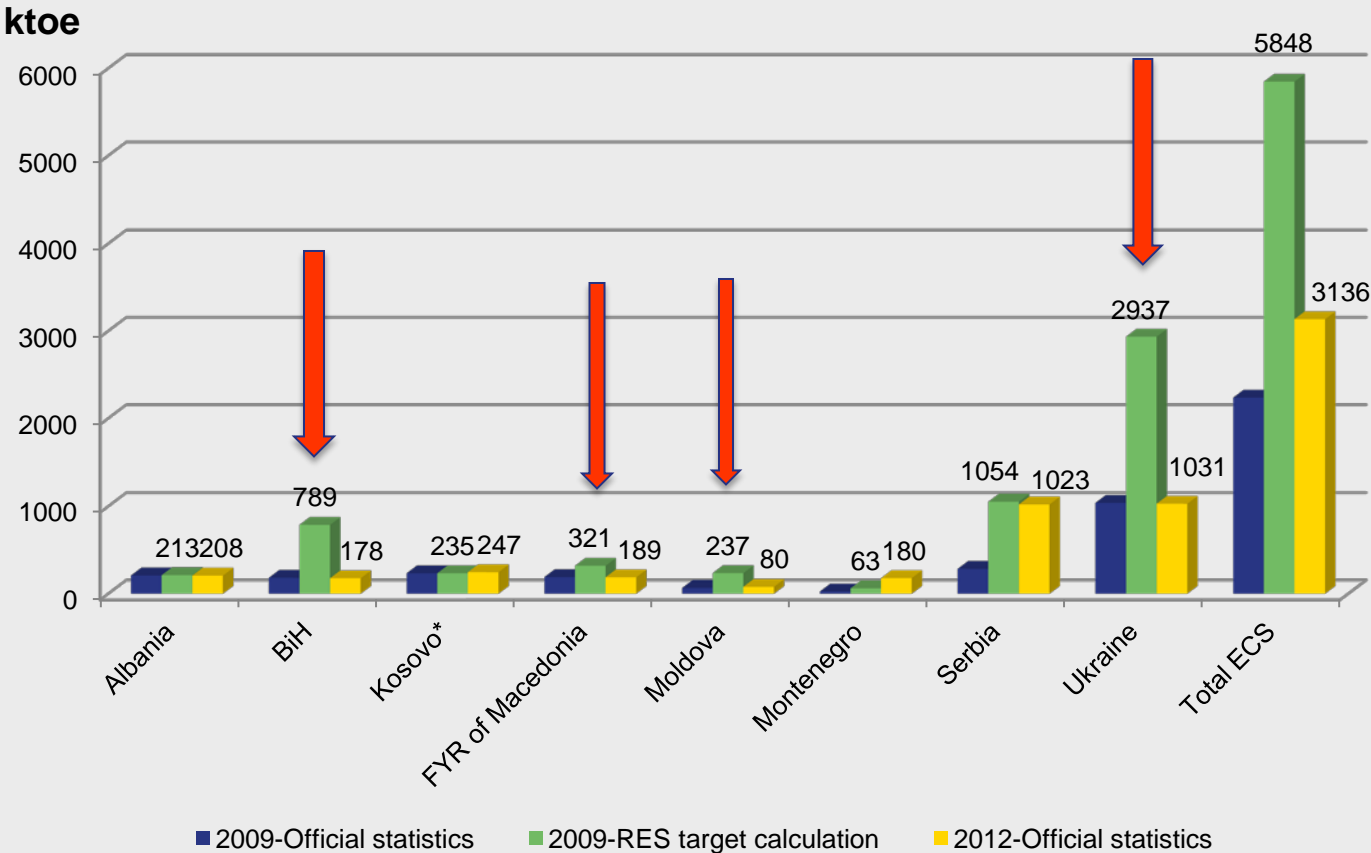
# Renewable Energy in the EnC in 2013 (ktoe)



## 2020 RES Targets – revised 2009 biomass data



# Final Energy Consumption of Biomass, Biofuels and Waste



**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**







***RES-T - lagging behind other sectors (even implementation Directive 2003/30/EC) – not transposed at all***

***Oct-Dec 2014 (9 WSs) - Consultancy support organised to explain to all stakeholders complexity of Art 17-21 Directive 2009/28/EC and to provide recommendations on further steps***

***2 CPs drafted relevant legislation, 2 more established working groups, 1 started with IPA consultant, in 3 others no further steps***

***Some biofuels present at markets, some production and export (fuel & raw materials) in place***

- 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)

# *The way forward*

*Do we need to continue in a more working format?*

*Do you agree to create a RE Coordination Group?*

*On which area shall we focus more?*



*Thank you for your attention!*

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