Progress in Promotion in Renewable Energy in the Energy Community

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Energy Community Secretariat

Cost-effective renewable energy in South East Europe
Vienna, 3-4 March 2016

- Included in energy acquis - Article 20 of the Treaty establishing the Energy Community – October 2012

- Deadline for implementation - 1 January 2014

- Deadline for submission of NREAP – 30 June 2013

- Mandatory overall targets to 2020, 10% RES in transport
  - Indicative trajectories to 2020
  - Indicative per sector: RES-E, RES-H
  - Binding for RES-T
2020 RES Targets

- **ALBANIA**: 31.2% (2009), 38% (2020)
- **BOSNIA AND HERZEGOVINA**: 34.0% (2009), 40% (2020)
- **CROATIA**: 12.6% (2009), 20% (2020)
- **FYR OF MACEDONIA**: 21.9% (2009), 28% (2020)
- **KOSOVO***: 18.9% (2009), 25% (2020)
- **MOLDOVA**: 11.9% (2009), 17% (2020)
- **MONTENEGRO**: 26.3% (2009), 33% (2020)
- **SERBIA**: 21.2% (2009), 27% (2020)
- **UKRAINE**: 5.5% (2009), 11% (2020)

*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.*
## NREAP status

<table>
<thead>
<tr>
<th>Country</th>
<th>NREAP adopted</th>
<th>Progress Report</th>
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<tbody>
<tr>
<td>Albania</td>
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<tr>
<td>Bosnia and Herzegovina</td>
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<tr>
<td>Ukraine</td>
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</tbody>
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* NREAP design to meet the 2020 targets in 2030, due to not revised biomass data
Monitoring the Progress in Renewable Energy –
ECS first Progress Report – 2015

RES Share vs. RED minimum Trajectory 2011/2012 [%]

- Albanian
- Bosnia and Herzegovina
- Kosovo*
- Moldova
- Montenegro
- FYR of Macedonia
- Serbia
- Ukraine

Median of 2011/2012 Shares
- RED minimum trajectory 2011/12
- RED Target 2020

Median of 2011/2012 Shares (modified BM-H Data)

https://www.energy-community.org/portal/page/portal/ENC_HOME/AREAS_OF_WORK/Obligations/Renewable_Energy

IRENA-Energy Community Joint Renewable Energy Workshop
Biomass data – reliability of energy statistics to be improved

IRENA-Energy Community Joint Renewable Energy Workshop
RES-E deployment/planned

Historical Data 2012
Historical Data 2013
Progress Report 2012
Progress Report 2013
NREAP Planned Trajectory 2012
NREAP Planned Trajectory 2013
NREAP Planned Trajectory 2020

Albania
Bosnia and Herzegovina
Kosovo*
Moldova
Montenegro
FYR of Macedonia
Serbia
Ukraine

IRENA-Energy Community Joint Renewable Energy Workshop
Biofuels deployment/planned

[Graph showing Biofuel deployment vs. NREAP Trajectory in 2012 and 2013 (ktoe) for countries including Albania, Bosnia and Herzegovina, Kosovo*, Moldova, Montenegro, FYR of Macedonia, Serbia, and Ukraine.]

Historical Data 2012
Progress Report 2013
NREAP Planned Trajectory 2012
NREAP Planned Trajectory 2020

IRENA-Energy Community Joint Renewable Energy Workshop
Reform of the renewable energy support schemes

- Integrate renewable energy into the market
- A market design fit for renewable energy
- State Aid Guidelines for energy and environmental protection 2014-2020
  - Aid to be granted based on competitive procedure
  - Feed-in premium in addition to market price (>500 kW, 3 MW wind) instead of feed-in tariffs
  - Standard balance responsibility
  - No support when negative prices
Next Steps

Renewable Energy Coordination Group established

- 1st meeting 2 March 2016
- Work on the reform of support schemes
- Monitor the progress in promotion of RES
  - second CPs progress report - end 2016
  - second Energy Community Progress Report to MC – 2017
- Renewable Energy framework post 2020
- ECS will assist Contracting Parties in the implementation with Donors‘ support
(Instead of ...) Conclusions

Renewable Energy is transforming the way we produce and consume energy

- Emergence of prosumers – access to energy
  - solar PV auction in Germany Dec 2015 - 8 €/kWh
  - almost zero marginal cost of energy even negative prices

- Utilities transformation >>> energy suppliers to energy service providers
  - digitalisation of energy, smart grids

- Citizens participation through energy cooperatives
Thank you for your attention!
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