Renewable Energy in Transport

6th RECG, Vienna, 6 November 2018
Biofuels in the Contracting Parties / Long way of (non)implementation (2006-2012)

- Legal framework & indicative targets by 2004
- Measures for promotion of biofuels
- Potential for production
- Monitoring and reporting
- Efficiency, costs, life cycle, emissions, sustainability of crops

- Laws on biofuels: Albania, Croatia
- Rulebooks on fuel quality (including biofuels): BiH, fYR of Macedonia
- Production: Croatia, Serbia, BiH, fYR of Macedonia, Albania
- Actual share or biofuels: 1-2%

Energy Community Treaty

Biofuels in the Contracting Parties /
Long way of (non)implementation (2012-2018)

- Directive 2003/30 on the promotion of biofuels or other renewable fuels in transport
- Directive 2009/28 on the promotion of the use of energy from renewable energy sources
- Mandatory & trajectory targets
- NREAP
- Sustainability criteria & certification
- Verification body
- Actual share or biofuels: 0%

Laws on biofuels: Montenegro, Ukraine, non-amended Law in Albania
Numerous long lasting drafts in Albania, fYR of Macedonia, Kosovo*
Rulebooks on fuel quality (including biofuels): BiH, fYR of Macedonia
Production closed in Serbia and in BiH
Production only for export: fYR of Macedonia, Albania
Production & export of crops: Ukraine
New framework in EU / Clean Energy for All Europeans

Revision of Directive 2009/28 on the promotion of the use of energy from renewable energy sources

1st generation (crop based)
- Kept at 2020 level

- 14%

- 2%

Advanced biofuels

Sustainability criteria for all biomass
- 2%

- 5.75%

- 10%

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<th>Year</th>
<th>Target</th>
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<td>2003</td>
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Energy transition at the door....

- Climate changes’ impact
- Sources and routes of supply
- Sector coupling
- New technologies
- Decentralisation / „democratisation“ of energy
- Energy efficiency / Demand for energy
- Heating sector
- Transport patterns
Transport sector in future

Source: EU Energy, Transport and GHG emissions trends to 2050
Gross Final Energy Consumption / Contracting Parties

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

Energy sources:
- Coal & Coal Products
- Oil & Oil Products
- Natural Gas
- Nuclear Heat
- Solar Heat
- Geothermal Heat
- Biomass
- Wind Energy
- Hydro Energy
- Other fuels
- Imported electricity

Contracting Parties:
- Albania
- fYR of Macedonia
- Montenegro
- Kosovo *
- Ukraine
- Moldova
Way forward

Breaking the deadlock in the implementation of sustainable renewable fuels in transport sector

Time for comprehensive energy strategy

Scan of available resources

New technologies from the start

Momentum of changes
Thank you for your attention!

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