Primary energy production in the Energy Community

All data are taken from EUROSTAT database
EUROSTAT: Energy flow diagram
Import of fossil fuels in 2018

- **Albania**: 79 solid fuel, 199 oil and pp, 0.001 Natural gas
- **Bosnia and Herzegovina**: 268 solid fuel, 1,868 oil and pp, 1.064 Natural gas
- **Georgia**: 2 solid fuel, 425 oil and pp, 744 Natural gas
- **Kosovo**: 2 solid fuel, 822 oil and pp, 0.001 Natural gas
- **Moldova**: 1 solid fuel, 425 oil and pp, 118.476 Natural gas
- **Montenegro**: 209 solid fuel, 1,750 oil and pp, 11.488 Natural gas
- **North Macedonia**: 118 solid fuel, 3,859 oil and pp, 8.001 Natural gas
- **Serbia**: 138.01 solid fuel, 13,148 oil and pp, 23,119 Natural gas

Legend: solid fuel, oil and pp, Natural gas
Import dependency (oil and natural gas) in 2018

Share of import in gross inland consumption of natural gas

Import in gross inland consumption of oil and petroleum products

Energy Community Secretariat

12th Oil Forum
Trends in the Energy Community: electricity production

Energy mix for gross electricity generation

<table>
<thead>
<tr>
<th>Fuel Type</th>
<th>2014-2018</th>
<th>2015-2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid fossil fuels</td>
<td>-16%</td>
<td>-9%</td>
</tr>
<tr>
<td>Natural gas</td>
<td>-7%</td>
<td>8%</td>
</tr>
<tr>
<td>Oil and petroleum products</td>
<td>209%</td>
<td>40%</td>
</tr>
<tr>
<td>Primary solid biofuels</td>
<td>92%</td>
<td>81%</td>
</tr>
<tr>
<td>Hydro</td>
<td>22%</td>
<td>28%</td>
</tr>
<tr>
<td>Nuclear heat</td>
<td>-5%</td>
<td>-4%</td>
</tr>
<tr>
<td>total</td>
<td>-4%</td>
<td>1%</td>
</tr>
</tbody>
</table>
# Trends in the energy community - transport

## Fuel consumption in transport (ktoe)

<table>
<thead>
<tr>
<th>Year</th>
<th>Solid fossil fuels</th>
<th>Natural gas</th>
<th>Oil and petroleum products</th>
<th>Biofuels</th>
<th>Electricity</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>7.665</td>
<td>2.045</td>
<td>13.565</td>
<td></td>
<td></td>
<td>23.50</td>
</tr>
<tr>
<td>2015</td>
<td>6.664</td>
<td>1.979</td>
<td>13.045</td>
<td></td>
<td>117%</td>
<td>14.21</td>
</tr>
<tr>
<td>2016</td>
<td>6.755</td>
<td>2.055</td>
<td>14.178</td>
<td>117%</td>
<td>126%</td>
<td>15.20</td>
</tr>
<tr>
<td>2017</td>
<td>6.835</td>
<td>2.065</td>
<td>14.461</td>
<td>117%</td>
<td>126%</td>
<td>15.45</td>
</tr>
<tr>
<td>2018</td>
<td>6.975</td>
<td>2.085</td>
<td>14.482</td>
<td>117%</td>
<td>126%</td>
<td>15.46</td>
</tr>
</tbody>
</table>

Change in %:
- Solid fossil fuels: -26% to 21%
- Natural gas: -34% to -11%
- Oil and petroleum products: 7% to 11%
- Biofuels: 117% to 126%
- Electricity: -11% to 3%
- Total: 0% to 8%
CO2 emissions from fuel combustion by sector in 2018

CO2 emission per sector

- Production of electricity & heat
- Industrial sector
- Road transport sector

CO2 emission per sector in Mt CO2

- Albania
- Kosovo
- Moldova
- North Macedonia
- Montenegro
- Serbia
- Ukraine
Data of today and data for tomorrow

It was history.

*Future should be brighter and greener. (We still do not see impact of COVID and global economic downturn)*

On the CP level analysts will search for connections, interdependencies, causes and consequences

*This is basis for strategies, scenarios and policy measures in the planning phase.*
THANK YOU for your kind attention

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