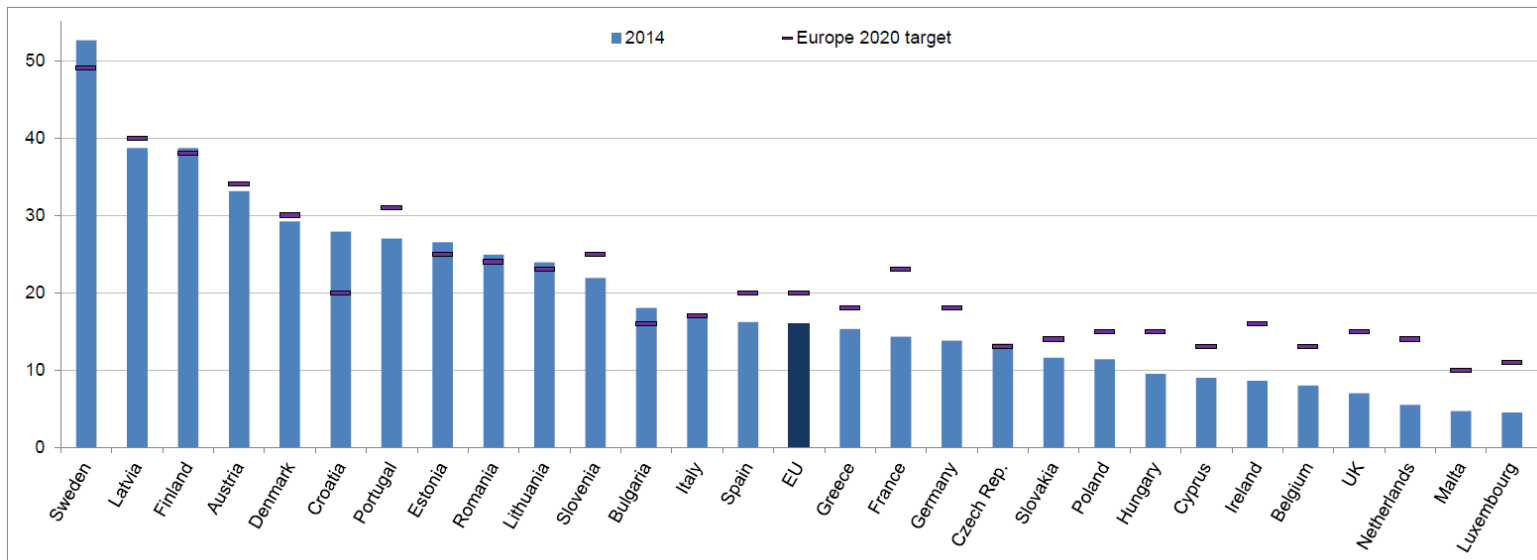


**South East Europe Regional Consultation
Meeting
Bucharest, Romania
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Session II: Opportunities and Challenges in RE Deployment in the Region

C R O A T I A
Ministry of Economy
Zdeslav Matic, Assistant Minister
Domagoj Validžić, Head of Energy Sector

RE target & Share of RE in gross final energy consumption (%)



Country	2004	2011	2012	2013	2014	2020 target
EU	8.5	13.1	14.3	15.0	16.0	20.0
Croatia	23.5	25.4	26.8	28.1	27.9	20.0

Current RE installed capacity

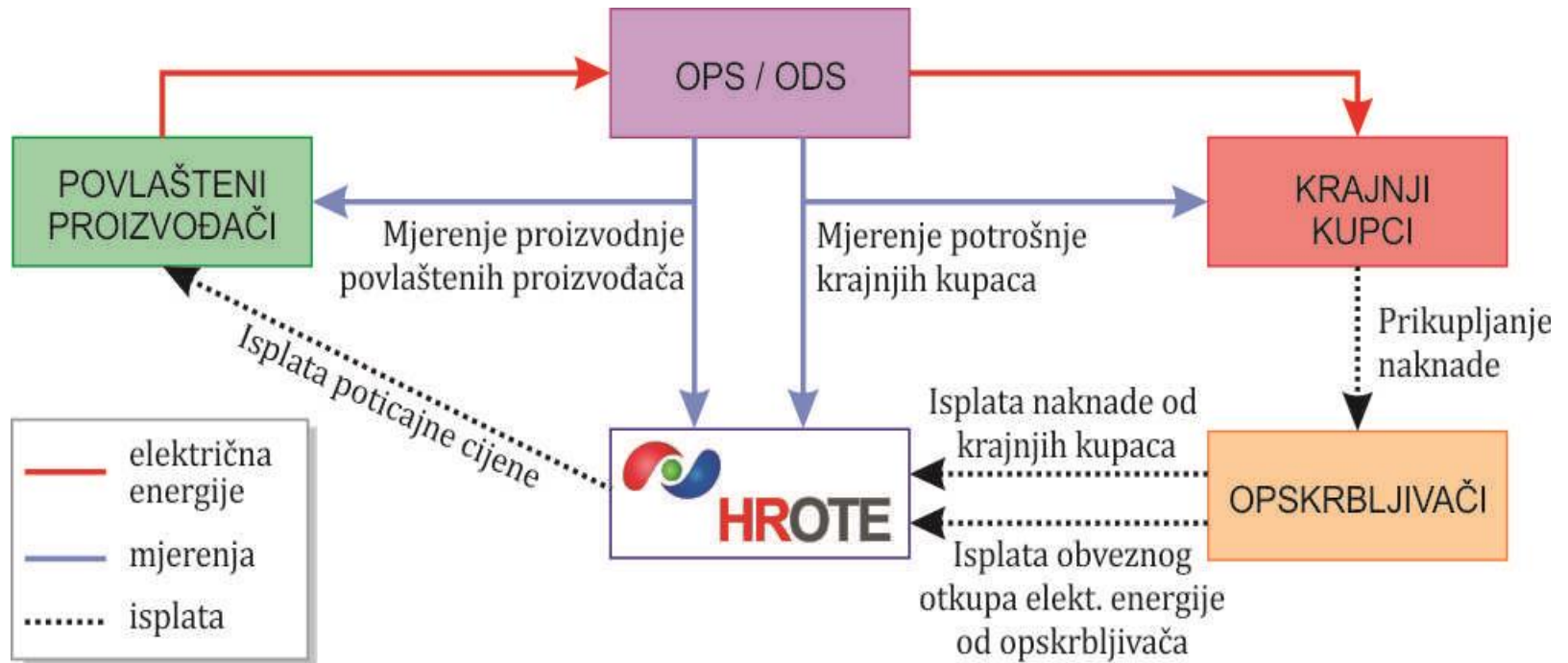
RE producers in operation (status 4/10/2016)

<i>Technology</i>	<i>#</i>	<i>Installed power (kW)</i>
Wind	19	417.95
PV	1218	48.48
hydro	10	3.25
biomass	11	24.89
biogas	21	25.12
cogen	6	113.29
landfill gas	1	3.00
sewage gas	1	2.50
TOTAL	1282	638.48

...a broader view...

<i>Technology</i>	<i>NE Strategy (2009)</i>	<i>NAP (2013)</i>	<i>Tariff System (2014/15)</i>	<i>In Operation 2016</i>	<i>Contracted (-2014)</i>
<i>wind</i>	<i>1200</i>	<i>400</i>	<i>744</i>	<i>418</i>	<i>744</i>
<i>PV</i>	<i>45</i>	<i>52</i>	<i>52</i>	<i>48</i>	<i>52</i>
<i>hydro</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>3</i>	<i>8</i>
<i>geothermal</i>	<i>20</i>	<i>10</i>	<i>10</i>	<i>25</i>	<i>20</i>
<i>biomass</i>	<i>85</i>	<i>85</i>	<i>120</i>	<i>25</i>	<i>120</i>
<i>biogas</i>	<i>40</i>	<i>40</i>	<i>70</i>	<i>3</i>	<i>68</i>
<i>TOTAL</i>	<i>1 490</i>	<i>687</i>	<i>1 096</i>	<i>522</i>	<i>1 012</i>
<i>Exp. prod. p.a. (TWh)</i>	<i>4.0</i>	<i>2.1</i>	<i>3.2</i>	<i>n.a.</i>	<i>3.1</i>

Support scheme for renewables



Encountered challenges in deploying renewables

RE Support through a levy per kWh consumed:

2016: 3,5 HR Ip (0.46 EUR c)

But from 2017: 12 HR Ip (1.59 EUR c)

2018: 14 HR Ip (1.84 EUR c)

2018: 15 HR Ip (1.97 EUR c)

Electricity price (2016) 41/84 HR Ip (5.4/7.0 EUR c) +25% VAT

Vulnerable customers support per kWh consumed

2017: 3 HR Ip (3.94 EUR c)

No good answers at this time:

-Identified opportunities from the uptake of renewables

-Expected future developments in the frameworks for renewables