

A composite background image showing a modern building, a high-voltage power transmission tower, a wind turbine, and a waterfall.

The Driving Role of the ENERGY COMMUNITY for a Sustainable Development of the Western Balkans

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“Growth and Competitiveness: Weathering the Crisis and Looking Ahead”

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- **Energy Community**
- **Relevant Acquis**
- **Renewable Energy**

• 7 Contracting Parties

Albania, Bosnia and Herzegovina, Croatia, Former Yugoslav Republic of Macedonia, Montenegro, Serbia and UNMIK

• European Commission

On behalf of European Communities

• 5 Observers

Moldova, Ukraine, Turkey, Georgia and Norway

• 14 Participants

Austria, Bulgaria, Cyprus, Czech Republic, France, Germany, Greece, Hungary, Italy, The Netherlands, Romania, Slovakia, Slovenia, United Kingdom



Common framework to create the REGIONAL ENERGY MARKET

- *Athens Process (2002-2005)*
- **TREATY establishing the ENERGY COMMUNITY (2005)**

OBJECTIVES

- Single and stable regulatory and market framework
 - ✓ **Investment and Trade**
- Enhance the Security of Supply
- Develop Network Energy market competition
- **Improving the Environment through Energy Efficiency and RES**

- *acquis on energy*
- *acquis on environment*
- *acquis on competition*
- *acquis for renewables*

Extension of the Acquis:

- **Security of Supply Directives (2007);**
- **Energy Efficiency Directives (envisaged adoption of MC in Dec. 2009)**

- **Council Directive 85/337/EEC** on the assessment of the effects of certain public and private projects on the environment, as amended by **Council Directive 97/11/EC** and **Directive 2003/35/EC** of the European Parliament and of the Council,
- **Council Directive 1999/32/EC** relating to a reduction in the sulphur content of certain liquid fuels and amending Directive 93/12/EEC
- **Directive 2001/80/EC** on the limitation of emissions of certain pollutants into the air from large combustion plants, and
- **Article 4(2) of Directive 79/409/EEC** on the conservation of wild birds.

PROPOSED TO BE ADOPTED AT THE 7TH MINISTERIAL COUNCIL IN DEC. 2009

- **Directive 2006/32/EC** on energy end-use efficiency and energy services,
- **Directive 2002/91/EC** on the energy performance of buildings and
- **Directive 92/75/EEC** and the implementing Directives on the indication by labeling and standard product information of the consumption of energy and other resources by household appliances

ARTICLE 20 – Energy Community Treaty

- The Contracting Parties shall provide to the European Commission within one year of the date of entry into force of the Treaty (*by 1st of July 2007*):
 - a plan to implement **Directive 2001/77/EC** on the promotion of electricity produced from renewable energy sources in the internal electricity market; and
 - a plan to implement **Directive 2003/30/EC** 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 to be adopted by **1st of July 2007**

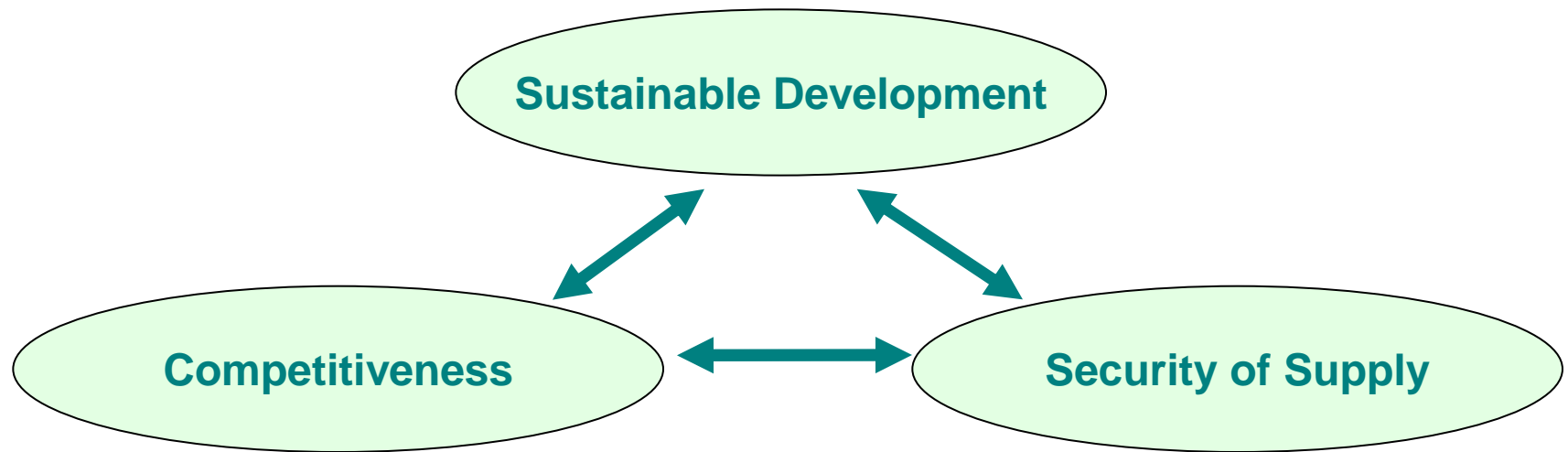
FORMALLY, THE REQUIREMENTS OF THE TREATY HAVE BEEN FULFILLED

11th PHLG meeting in December 2008 – Report on the Implementation

(http://www.energy-community.org/portal/page/portal/ENC_HOME/AREAS_OF_WORK/RENEWABLES/Reports/Dec_2008)

Directive 2001/77/EC	Directive 2003/30/EC
Setting National Indicative Targets by 2010	Setting National Indicative Targets by 2010
System of issuing Guarantee of Origin	Monitoring the effects
Ensuring guaranteed grid access	Ensuring public information
Simplified administrative procedure for authorisation	Reporting requirements

ENERGY FOR GROWTH AND JOBS



- **Directive 2009/28/EC**
- Part of the Climate Action Package *20 – 20 – 20 by 2020*
- Adopted by the European Parliament in December 2008
- Will repeal both Directives 2001/77/EC and 2003/30/EC starting 1st January 2012.

New approach

- Electricity >>> Energy mix
 - Mandatory targets
- **Cooperation mechanisms**
 - **Joint projects**



Conclusion no 5, 5th Ministerial Council, Tirana, 11 December 2008

- **Study on the implementation of the New EU Renewable Energy Directive** in the Energy Community – Final Report – Dec. 2009
- Set up a **Renewable Energy Task Force**
 - MC meeting in June 2009
 - 1st meeting – October 8, 2009
- Significant activities in the **Work Programs** 2009 – 2010 – 2011
- 29-30 April 2009– Renewable Energy Workshop
“Greening the Energy Community”



STUDY ON THE IMPLEMENTATION OF THE NEW RENEWABLE ENERGY DIRECTIVE

- **Renewable Energy Framework Analysis**
 - **Assessment of Directive Requirements**
 - **Review of Existing Arrangements for Renewable Energy**
 - **Gap Analysis**

- **Energy Market Modelling**
 - **Forecasting the Energy Consumption in 2020**
 - **Calculation of Indicative RES targets**
 - **Development of an economic model of the region to assess meeting the target at regional level and the associated costs**

- **2020 Target Implications**
 - **Costs and opportunities**

- **Albania** – LHPP, SHPP, onshore wind (500 MW), biomass, solar
 - Ashta – Verbund - EVN, Devoll River (3 HPP- up to 370MW) – EVN, Skavica (350MW), Vjosa River
- **Bosnia and Herzegovina** – LHPP, SHPP, biomass, wind
 - HPP Glavaticevo (3x9.5 MW /172 MW) - DBOT , HPP Buk Bijela (≤450 MW)
- **Croatia** – 379 applications – wind, small hydro, cogen, solar PV, biomass, biogas
- **The Former Yugoslav Republic of Macedonia** – hydro, biomass, solar, wind, geothermal
 - Cebren (3x110 MW), Galishte (3X64 MW)
- **Montenegro** – LHPP, SHPP, biomass, wind
 - Moraca river – 4 HPP (238 MW), Komarnica river (168 MW), HPP – Piva modernisation, 8 small hydro DBOT concession contracts (43 sites projected)
- **Serbia** – large potential for biomass, hydro, solar, wind, geothermal, biofuels (one producer), currently under investigation
- **UNMIK** – LHPP – Zhur (292 MW) and SHPP

- **Draft Final Report of the Study – mid December 2009**
- **Assessment by the RE TF members – end January 2010**
- **Workshop presenting the RES Final Report – end February 2010**
- **2nd RE TF meeting – to reach agreement on the adaptation of the Directive 2009/28/EC**
- **Report presented to the 16th PHLG meeting**
- **Adoption of the Directive 2009/28/EC envisaged at the 8th Ministerial Council, probably in October 2010**

***"The best friend of man on the earth is the tree.
When we use the tree respectfully and economically,
we have one of the greatest resources on the earth."***

Frank Lloyd Wright (1867-1959)
Architect, promotor of organic architecture

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