19TH OSCE ECONOMIC AND ENVIRONMENTAL FORUM

"Promotion of common actions and co-operation in the OSCE area in the fields of development of sustainable energy and transport" CONCLUDING MEETING

Prague, 14-16 September 2011

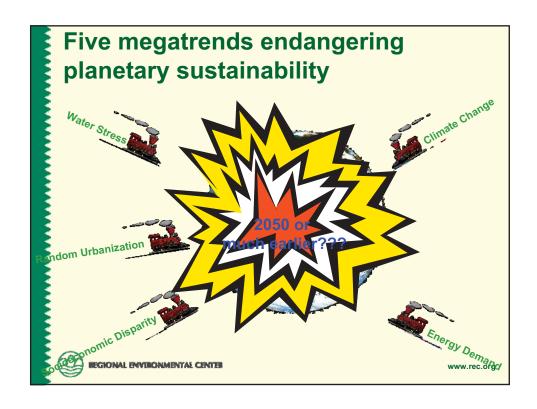
Special Session 3

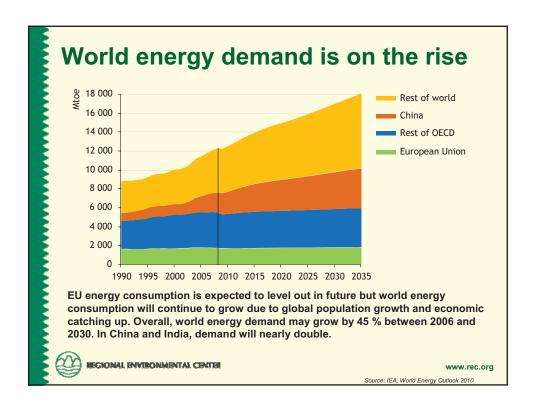
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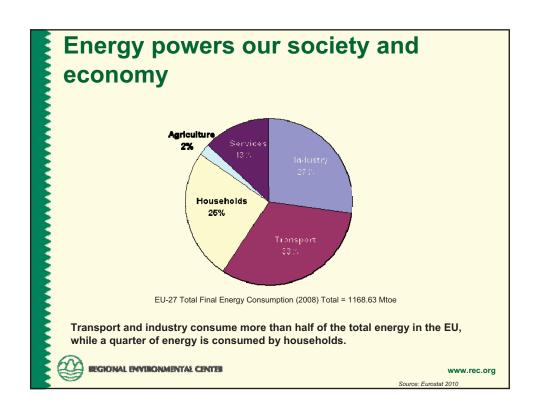
Regional and sub-regional challenges and good practices

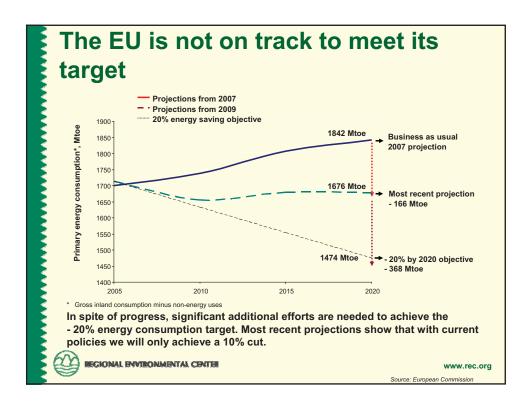
Marta Szigeti Bonifert Executive Director

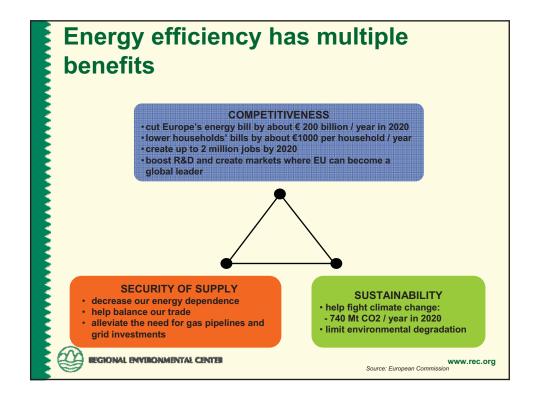


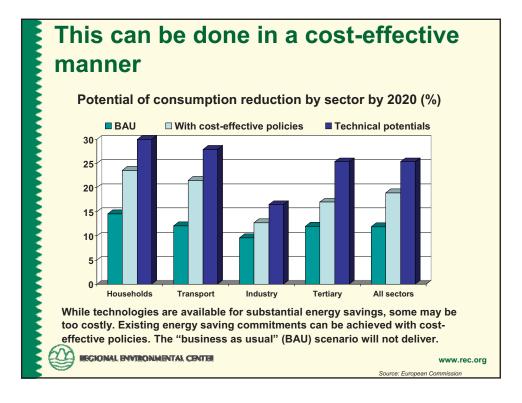












Situation in CEE (environment, energy)

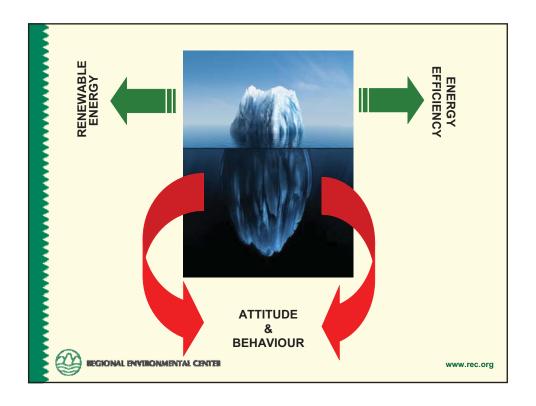
- Energy
 - Relatively high energy intensity
 - · Decades of subsidized energy prices
 - · Limited although increasing use of RES
 - · Good potential for the utilisation of domestic renewables
 - · Old and very poor building stock from the energy perspective
 - · Large proportion built with industrial technology
 - · Use energy inefficiently and contribute to GHG emission
 - District Heating (DH) widespread, but also in need of modernisation
 - · both company and user side
- Transport
 - Obsolete public transport infrastructure with extremely old vehicles
 - · Low energy efficiency
 - · Established network in some countries



Eurobarometer results (January, 2011)

- The wish list of EU citizens on energy:
 - Stability of energy prices: the respondents' first priority (29%)
 - Renewable energy: Europeans' second priority (27%)
 - Security of energy supply: the third priority (20%)
 - Energy efficiency: the fourth priority (16 %)
 - Is it the right approach???





Key examples – awareness raising

- Education for the youngest My Friend Boo
 - Development of cartoon series for 4-7 years old children launched in 2010
 - Energy conservation, renewable energy, sustainable transport
- Multi-media environmental education curriculum kit – Green Pack
 - Primarily intended for secondary school teachers and their students
 - Focus on particular aspects of environmental protection and sustainable development
 - 30.000+ teachers 3.000.000+ students
 in 18 countries....
- Cross-sectoral approach Sustainable Development Academy
 - A comprehensive (~ 1 month!) educational programme about the "three pillars" of sustainable development initiated by the Italian Government
 - SEE □ CEE □ Black Sea Region □ Kazakhstan □ Russia







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www.rec.org

Regional Environmental Center (REC)

- "... is an international organisation with a mission to assist in solving environmental problems (...)"
 - The REC is legally based on a charter signed by 30 countries and the EC
 - Multi-stakeholder international Board
 - 190 staff (some 30 nationalities)
 - · Offices in 17 countries
 - · 100% project based organization
 - over 200 running projects
 - 10 12 million € annual turnover
 - Operates in various regions:EU Members of Central and
 - ELL Enlargement countries
 - EU Enlargement countries, candidates and potential candidates
 - Eastern Partnership Countries
 - EU27
 - Operation beyond the REC Country Office Network





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Good Practices

- INTENSE <u>www.intense-energy.eu</u>
 - · Intelligent energy saving measures for municipal housing in CEE countries
 - The project focuses on enhancing the implementation and enforcement of the Q EU legislation in new MS with special emphasis on municipal/local level implementation
 - Main activities: assessing consumption patterns, developing public awareness raising and information toolkits; selecting best practices for energy saving measures in buildings; enhancing knowledge and skills of different stakeholders by training programmes; municipalities integrate EE into city planning
- USE Efficiency <u>www.useefficiency.eu</u>
 - Universities and Students for Energy Efficiency project is to create a common stream for energy efficiency systems in university buildings.
 - Main Activities: improved energy performance of university buildings with students active involvement in defining EE measures; trainings modules and a summer school for students; increase in knowledge by sharing internationally the outcomes of energy efficiency activities for university buildings
- Trainrebuild <u>www.trainrebuild.eu</u>
 - accelerate the implementation of EU legislation on buildings (i.e. EPBD Recast, ESD, NEEAP) and addressing the retrofit of a wide range of "residential buildings", spanning from individual to multi-family houses and from private to social housing
 - Main activities: analysis of the training needs for stakeholders in focus; training for property owners, public authorities (financing also provided); training toolkits, forums, best practices



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Good Practices – Regions for Sustainable Change Project

- · The project data
 - 12 partners from 8 countries
 - 2008-2011
- The project aims
 - To promote an EU-wide shift to climate-friendly economies through regional authorities
- Main activities:

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- Establishing indicator system (climate confidence index)
- Assessment of present stage of regions
- Practical tools (handbook) how to integrate climate change issues into policies and practices



Good Practices – Financing Low Carbon refurbishment

- Demonstration project in the CEE region support removing barriers from financing low carbon refurbishment projects on a large scale
- Main Activities:
 - · Establish a Finance Research Office
 - Carry out research on existing policy framework for green banking and guarantee fund, available financing mech., EE and RE technology and market, recommendations for policy mix and existing financial mechanisms
 - Implement demonstration projects



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Good Practices – Energy-Efficient Mobility of Older People

- Europe facing major demographic challenges. 2012: European Year of Active Ageing
- A "car generation growing old" →
 using alternatives (walking, cycling
 public transport) is good for the
 individual, good for society.
 - The AENEAS project implemented demonstration projects to enable this.
 - When alternatives exist, we tell people about them. For this the REC implemented a major Europe wide information campaign.



Staying Mobile

AENEAS – www.aeneas-project.eu



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Good Practices – ELTIS: the urban mobility portal

- Since 2006 the REC supports the EC to operate its flagship web portal on urban mobility
- Content provision (news, case studies, events, legal acts, translation)
- Large-scale Europe-wide dissemination activities
- User support: training seminars, helpdesk
- www.eltis.org







E-Mobility in Mountain Areas (Italy)
The Province of Belluno and Dolomiti Bus S.p.A. have worked together to spread awareness among the general public regarding sustainable, eco-friendly mobility by introducing electric vehicles in the public administration float.



(Germany)

The project aims at developing an easily accessible an comfortable infrastructure system for electric vehicles in and around the city of Frankfurt (Main).

www.rec.org

Good Practices - CIVITAS

- CIVITAS is an EU initiative for supporting and evaluating the implementation of integrated sustainable and energy efficient urban transport strategies in European cities that should make a real difference to the welfare of the European citizen
- Key elements
 - · Network of cities for cities
 - · Public Private Partnerships
 - · Political commitment
 - · Living "laboratories"
 - · Peer to peer learning

www.civitas.eu





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