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 1 EEF.IO/19/11 14 September 2011

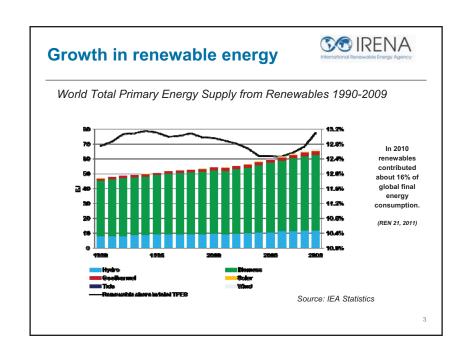
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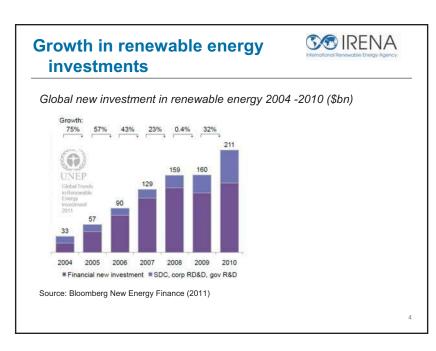




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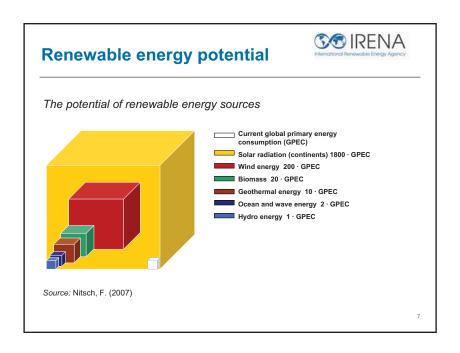


Renewable power capacity Developing world, EU, and Top five Countries, 2010 (excluding hydropower) Output Solar PV So

Key drivers



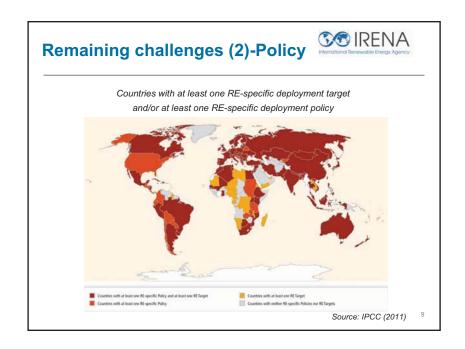
- •Energy security (reduce risk of supply disruptions and reliance on fossil fuels)
- •Climate change mitigation (reduce CO₂ emissions)
- •Job creation potential (creation of new industries and more jobs than business-as-usual scenarios)
- •Improve energy access
- •Social and economic development (achieve Millennium Development Goals)

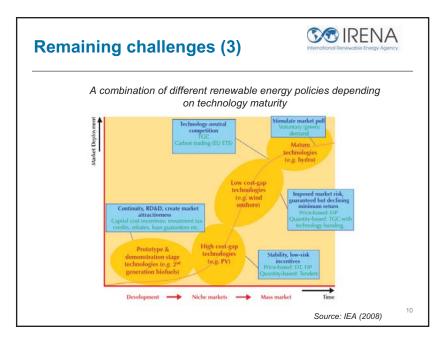


Remaining challenges (1)-Financing



- While the bulk of investment will come from the private sector, this alone will be insufficient
- More innovative public-private partnerships are needed
- · New funding mechanisms are required





Remaining challenges (4)-Enabling Environment



This can be created by:

- •Addressing the possible interactions of a given policy with other policies
- ·Facilitating access to financing
- •Remove barriers for access to networks and markets
- Increasing education and awareness
- Promoting technology transfer
- •Implement long-term capacity building strategies

Source: IPCC (2011)

About IRENA (1) Foundation: 26 January 2009, Bonn, Germany 1st Assembly: 4-5 April 2011, Abu Dhabi 82 (incl. EU) have ratified IRENA's Statute Members: Sustainable deployment of the six RE resources (Biomass, Mandate: Geothermal, Hydro, Ocean, Solar, Wind) Location: Headquarters Abu Dhabi, United Arab Emirates Innovation and Technology Centre IITC in Bonn, Germany Liaison Office for Cooperation in Vienna, Austria Director-General Dr Adnan Z. Amin and about 40 staff members Staff: 12

About IRENA (2)



IRENA's 2011 Work Programme:

- •Global knowledge on relevant renewable energy information will be systematized through Sub-Programme 1 on **Knowledge Management and Technology Cooperation**; it will also initiate cooperative stakeholder approaches;
- •An enabling policy, financial and human resource environment for the deployment of renewable energy technologies will be fostered through Sub-Programme 2 on **Policy Advisory Services and Capacity Building**;
- •A framework for technology development support to governments will be designed through Sub- Programme 3 on Innovation and Technology.

Conclusion



- •OSCE member countries are united by the need to transition to a cleaner development path
- Greater co-operation needed
- Common interests, common goals

