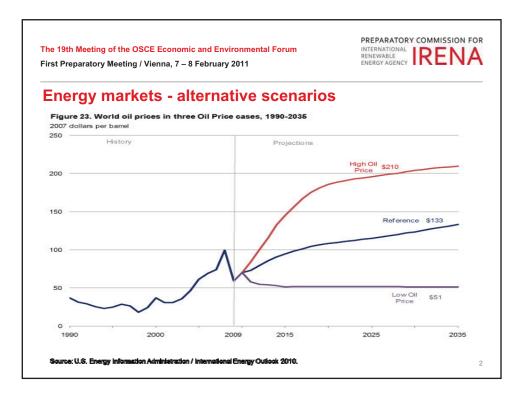
19TH OSCE ECONOMIC AND ENVIRONMENTAL FORUM "Promotion of common actions and co-operation in the OSCE area in the fields of development of sustainable energy and transport" FIRST PREPARATORY MEETING (DEVELOPMENT OF SUSTAINABLE ENERGY) Vienna, 7-8 February 2011 Session II

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The 19th Meeting of the OSCE Economic and Environmental Forum First Preparatory Meeting / Vienna, 7 – 8 February 2011

PREPARATORY COMMISSION FOR INTERNATIONAL RENEWABLE ENERGY AGENCY

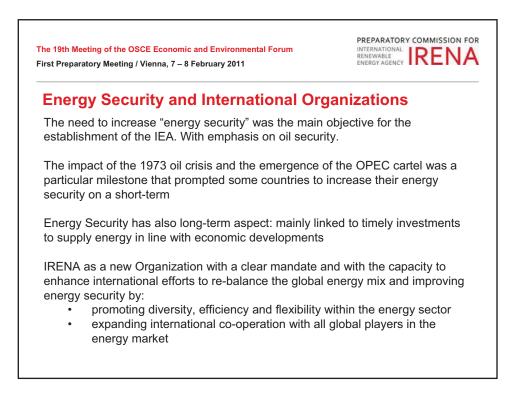
Re-balancing the global energy mix

High volatility of energy market prices, as well as some uncertainty about the future of nuclear power on a number of issues (high capital and maintenance costs, power plant safety, radioactive waste disposal, nuclear material proliferation concerns, ...) could facilitate increasing use of renewable energy in many Countries

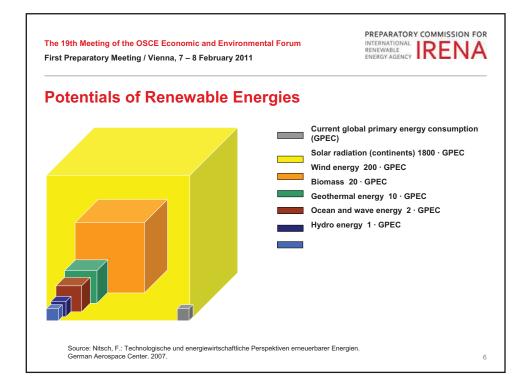
Renewable Energy deployment could enhance and facilitate price stability – and therefore provide a more stable investment climate to stabilize the long-term

The deployment of renewable technologies increases the diversity of electricity sources and, through local generation, contributes to the flexibility of the system and its resistance to central shocks.

3



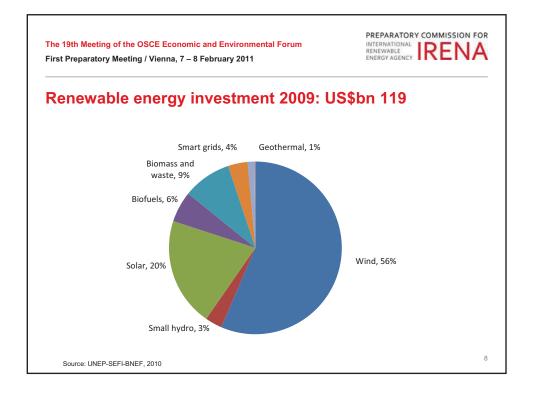


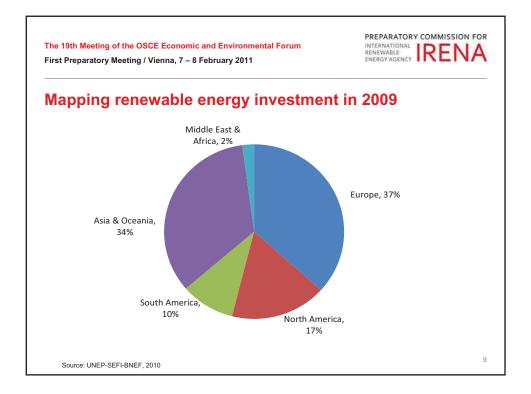


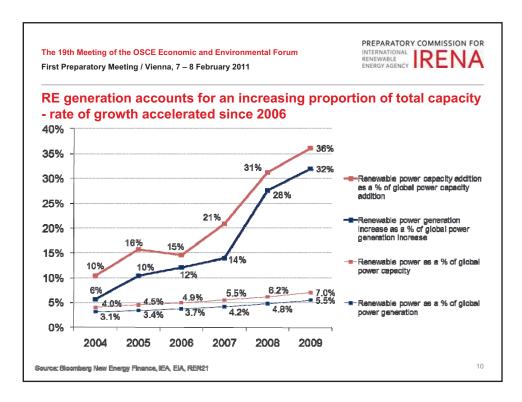
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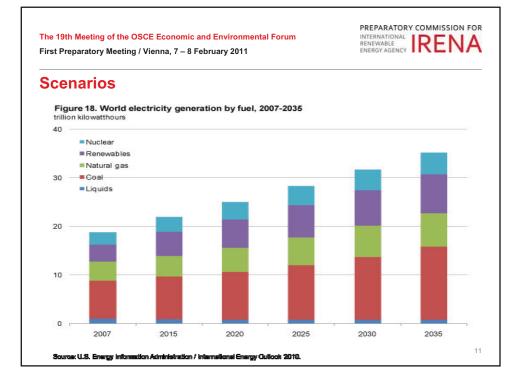
Power generation capacity, 2004-2009, GW

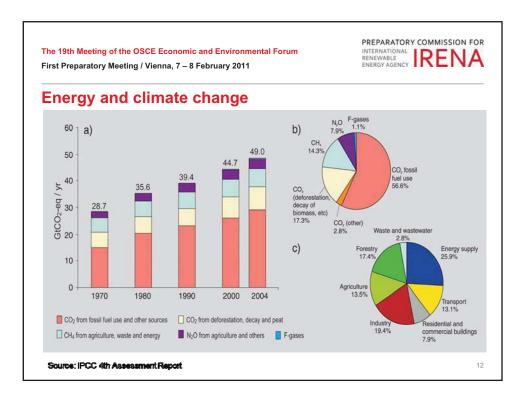
Large scale hydroelectric (>50MW)	714	726	739	745	860	866
Small scale hydroelectric (<50MW)	42	49	56	77	85	100
Non-hydro renewables (Wind, Solar, Biomass, Geothermal, Marine)	118	133	151	163	197	232
Conventional thermal	2,639	2,737	2,864	2,968	3,049	3,132
Nuclear	374	377	378	379	384	389
Total	3,887	4,023	4,188	4,332	4,575	4,718

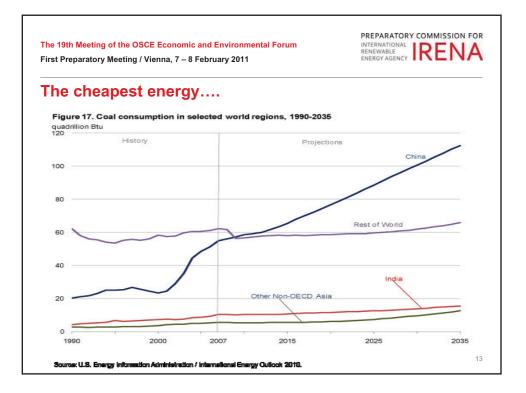


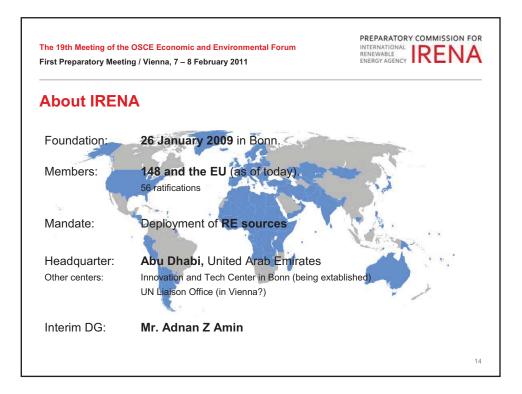


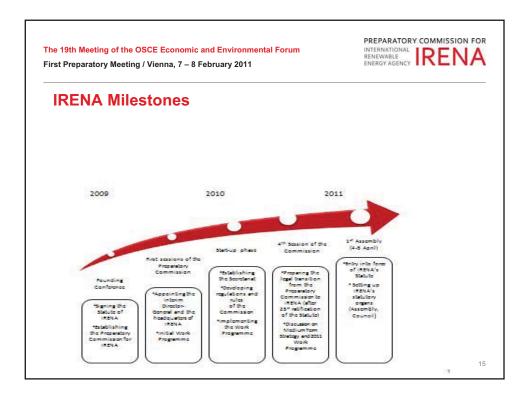


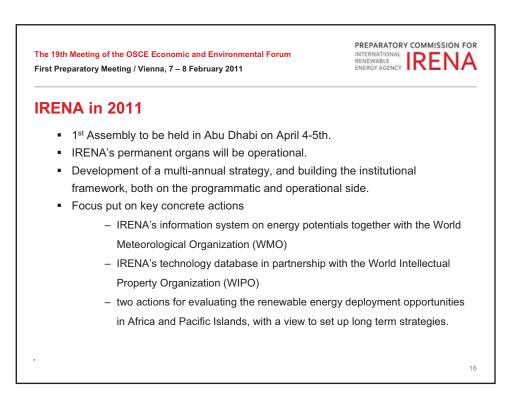




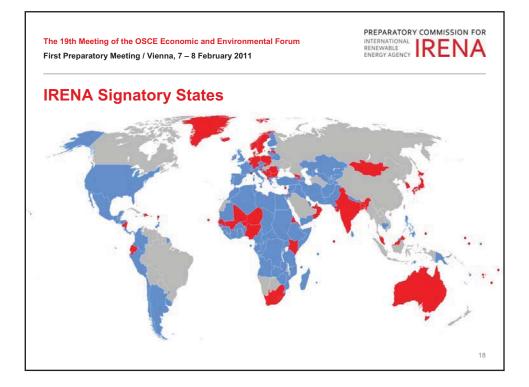


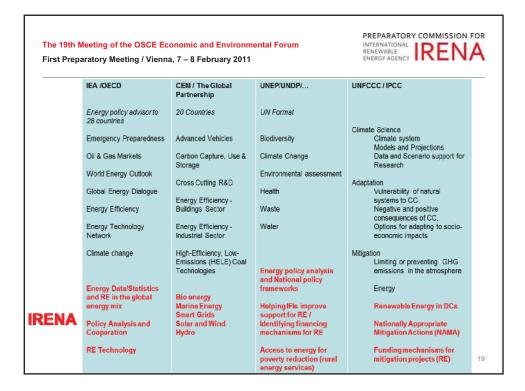












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Armenia	Azerbaijan			
Bosnia and Herzegovina	Belarus			
Bulgaria	Croatia			
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Denmark	Estonia			
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Iceland	Greece			
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