



Using long term scenarios
for R&D priority setting
15 - 16 February 2007
International Energy Agency, Paris



In support of the G8 Plan of Action

Agenda

Thursday 15 February 2007.

Time		Speaker
8.30	<i>Registration</i>	
9.00	Welcome	Herbert Greisberger Chair IEA Expert Group on R&D Priority Setting Austria
		Graham Campbell Chair IEA Committee on Energy Research & Technology Canada
9.15	The G8 Plan of Action – IEA reporting on Energy Technology Perspectives	Neil Hirst Director Office of Energy Technology and R&D International Energy Agency
9.30	ETP 2008 - translating the ETP 2006 scenarios into R&D policy recommendations	Jeppe Bjerg Energy Analyst Energy Technology Policy Division International Energy Agency
9.45	ETP 2006 – results, technologies and R&D needs	Dolf Gielen Senior Analyst Energy Technology Policy Division International Energy Agency
10.30	<i>Coffee break</i>	
Session 1: Global energy technology scenarios – key technologies and policies		
	Chair	Neil Hirst Director Office of Energy Technology and R&D International Energy Agency
11:00	Pathways to 2050 – energy & climate change.	Adam Kirkman Program Manager, Energy and Climate World Business Council for Sustainable Development Switzerland
11.30	Global Scenarios out to 2025 and their implications for strategy	Peter Snowdon Senior Energy Adviser Shell International The Netherlands
12:00	Climate Change Scenarios – key technologies and policies in the power sector	Bo Nelson Corporate Strategic Advisor Vattenfall AB Sweden
12.30	<i>Lunch</i>	
Session 2: Approaches to RD&D priority setting		



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	Chair	Egil Ofverholm Swedish Energy Agency Sweden
14:00	Insights from the use of MARKAL for R&D priority setting for electricity supply and electricity end-use technologies	Paul (Chip) Friley Energy Sciences and Technology Department Brookhaven National Laboratory United States
14:30	Insights from strategic technology roadmap and back casting approach - Energy Technology Vision 2100	Makoto Akai Senior Research Scientist National Institute of Advanced Industrial Science and Technology (AIST) Japan
15:00	Insights from qualitative methodologies for R&D priority setting	Per Dannemand Andersen Head of Programme, Systems Analysis Department Risø National Laboratory Denmark
15:30	<i>Coffee Break</i>	
Session 3: R&D priorities and technology policies		
	Chair	Isabel Cabrita Director, INETI – National Institute of Industrial Engineering and Technology Portugal
16:00	Using long term scenarios for R&D priority setting in United States	Robert C. Marlay Director, Office of Science Policy U.S. Department of Energy United States
16:30	Using long term scenarios for R&D priority setting in the 7 th Framework Programme	Angel Perez Sainz Head of Unit Energy Research - Horizontal Aspects and Coordination European Commission
17:00	Technology and innovation policies in OECD countries. Perspectives for energy technology R&D.	Dirk Pilat Head, Science and Technology Policy Division Directorate of Science, Technology & Innovation Organisation for Economic Development and Cooperation
17:30	Improving the efficiency of research & development in energy research policy by making use of innovation science insights	Clemens Cremer Systems and Innovation Research Fraunhofer Institute Germany
18:00	<i>Cocktail</i>	



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Friday 16 February

Session 4: RD&D priorities and investment needs

	Chair	Robert Dixon Head, Energy Technology Policy Division International Energy Agency France
9:00	CO2 Capture and Storage – RD&D Priorities and investment needs.	Jacek Podkanski Senior Energy Analyst International Energy Agency France
9:30	RD&D priority setting: lessons learned and priorities for the future.	François Cattier R&D Analyst Electricite de France (EDF) France
10:00	Electricity and CHP production from biomass - RD&D priorities and investment needs.	Ralph Simms Senior Analyst International Energy Agency France

10:30 *Coffee break*

Session 5: RD&D priorities and investment needs

	Chair	Herbert Greisberger Chair, IEA Expert Group on R&D Priority Setting Austria
11:00	Grid integration of large scale wind – challenges and R&D needs.	Bernhard Ernst RWE Transportnetz Strom GmbH Germany
11:30	Wind turbines – RD&D priorities and investment needs	Sebastian Achilles Lead Scientist GE Global Research Germany
12:00	Solar PV technologies – RD&D priorities and investment needs	Hubert Fechner IEA Photovoltaic Power Systems Programme Head of Business Unit Renewable Energy Technologies Arsenal research Austria

12:30 *Lunch*

Session 6: Roundtable discussion on issues raised in Day 1 and 2

	Chair	Dolf Gielen Senior Analyst Energy Technology Policy Division International Energy Agency
14.00	Round table discussion	
15:00	Closing remarks	
15:30	<i>Close of Workshop</i>	