



INTERNATIONAL ENERGY WORKSHOP 2008

30 June – 2 July 2008, International Energy Agency, Paris, France

Draft Program (as of 1 July 2008)

Note: Presentation titles are linked to abstracts. Full papers are linked to authors' names.

Monday Morning – 30 June 2008 – Main Conference Room

PLENARY SESSION

CHAIR: Fatih Birol

Bridging the gap between modelers and decision makers – *Keynote presentations*

09:00-10:30	<p>Nick Butler, Cambridge Centre for Energy Studies Jean-Paul Bouttes, EDF John Conti, US Energy Information Administration Carmen Difiglio, US Department of Energy Jorgen Elmeskov, OECD Economics Department Jean-Charles Hourcade, CIRED Marianne Kah, ConocoPhillips Tor Kartevold, StatoilHydro Ger Klaassen, European Commission, Directorate-General Environment Ken Koyama, IEEJ, Japan David Victor, Stanford University Paul Watkinson, French Interministerial Greenhouse Mission</p>	Brief interventions by selected policy/decision makers on which modeling questions they believe relevant from the point of view of their organization
10:30-11:00	Coffee Break	
11:00-12:00	Bridging the gap between modelers and decision makers – <i>Roundtable discussion</i>	Discussion with the audience to identify key modelling/research issues
12:00-14:00	Lunch	
14:00-18:30	Parallel Sessions (see next page)	
18:30	Adjourn	

Monday Afternoon – 30 June 2008 - 14:00-18:30

	PARALLEL SESSION 1 Venue: Main Conference Room A	PARALLEL SESSION 2 Venue: Ground Floor Meeting Room	PARALLEL SESSION 3 Venue: Main Conference Room B
	SCENARIOS AND PROJECTIONS	ENERGY SUPPLY / FOSSIL FUELS	ENERGY POLICY 1
	CHAIRPERSONS: Geoffrey Blanford GianCarlo Tosato	CHAIRPERSONS: Markus Biberacher Mark Howells	CHAIRPERSONS: Terry Barker David Victor
14:00-14:20	<u>Africa's Role in the Global Energy Scene</u> M.A. Muntasser	<u>Demand Subsidies versus R&D: Characterizing the Uncertain Impacts of Policy on a Pre-commercial Low-carbon Energy Technology</u> Gregory Nemet , Erin Baker	<u>Addressing carbon leakage without compromising economic efficiency: five proposals to reform the EU greenhouse gas Emission Trading Scheme</u> Stéphanie Monjon , Philippe Quirion
14:20-14:40	<u>A Hybrid Modeling Framework to Incorporate Expert Judgment in Integrated Economic and Energy Models: The IEA WEM-ECO Model</u> Fabien Roques , Olivier Sassi	<u>Planning, landscape and the social acceptance of wind power developments: the case of Narbonnaise (Southern France)</u> Olivier Labussière and Alain Nadaï	<u>An Integrated Approach to Simulating the Impacts of the EUETS on the Spanish Economy</u> Pedro Linares, Miguel Rodríguez, and Xavier Labandeira
14:40-15:00	<u>CGE Linkage with AIM/Enduse: Assessing Energy Intensity Reduction Target in China</u> Yan XU , Kejun JIANG, Toshihiko MASUI 2	<u>A Review of Asian Renewable Energy Strategies</u> Jane Romero , Mark Elder, and Anindya Bhattacharya	<u>The effect of 'budget' on demand reduction: Is there a case for Personal Carbon Allowances?</u> Yael Parag
15:00-15:20	<u>Present Situation Survey and Policy Suggestions on the Application of Renewable Energy Technologies in China's Village-Town Construction</u> Jian DU , Tong QIU, Bing ZHU	<u>Structural shift in the Mexican power sector – implications for air emissions</u> Samudra Vijay , Sergio Sanchez, Luisa Molina	<u>The compatibility of Personal Carbon Trading with the EU climate change package</u> Arnaud Brohé
15:20-15:40	<u>Analysis of CO₂ Reduction Scenarios of Power Sector in Taiwan</u> Fu-Kuang Ko, Chang-Bin Huang , Pei-Ying Tseng, Chung-Han Lin	<u>Energy-Economy-Environment Scenarios for the Greater Mekong Subregion</u> Rita Nangia, Leo Schrattenholzer , Manfred Strubegger	<u>Voluntary agreements with White Certificates for energy efficiency improvement as a hybrid policy instrument</u> Vlasis Oikonomou , Martijn Rietbergen, Martin Patel
15:40-16:00	<u>CO₂ emission mitigation potential in Vietnam's power sector</u> Nguyen Thanh Nhan and Minh Ha-Duong	<u>On the Expansion of Renewables: Big Bang or Slow Motion?</u> Robert C. Schmidt	<u>Tradable-permit schemes assessed by a dynamic CGE model applied to Romania</u> Rodica Sandu-Loisel
16:00-16:30	Coffee Break		
16:30-16:50	<u>Domestic and international uncertainties in long term 80% reductions in UK CO₂ emissions</u> Neil Strachan , Ramachandran Kannan, Nicholas Hughes	<u>An Analysis of the Historical Lessons Learned with Respect to Impact Parameters on the Oil Price</u> Reinhard Haas , Amela Ajanovic, Hans Auer, Thomas Faber, Lukas Kranzl, Andreas Müller, Nebojsa Nakicenovic, Gustav Resch, Christian Redl, Lukas Weissensteiner	<u>The impact of tightening the EPB (Energy Performance of Buildings) Directive requirements vs. the promotion of renewable: analyzing the implementation in a local energy model</u> Norma Anglani , Giuseppe Muliere and Francesco Mastrini
16:50-17:10	<u>Applying the scenarios method to project future Irish Greenhouse Gas emissions to 2020</u> Tadhg O' Mahony , Dr. Kirk Shanks, Prof. John Ratcliffe and Prof. John Sweeney	<u>Petroleum Refining Costs and Production Possibilities For Gasoline vs. Diesel-Fueled Vehicles</u> Donald A. Hanson , Anant D. Vyas, John J. Marano, En Zhu, and Gregory Nemet	<u>How Do European and U.S. Energy Sectors Address Climate Change? A Comparative Study of the Role of Corporate Social Responsibility</u> Diana Mangalagiu , Steen Rasmussen, and Hans Ziock

17:10-17:30	Scenarios for a new long-term grid development strategy in New Zealand Magnus Hindsberger and Siobhan Procter	Long-term interdependencies of oil markets and climate policy: Coupled analysis with a game-theoretic oil market model and an energy system model Uwe Remme , Tobias Rehr, Fabian Kesicki, Markus Blesl, and Ulrich Fahl	Inducing Socio-Technological Revolution in Energy Network Investment to address Climate Change: An Institutional Economics Perspective Nicholas A. A. Howarth
17:30-17:50	Climate change, energy security and prospective energy scenarios in Spain Maryse Labriet , Helena Cabal, Yolanda Lechón	Pan-Asian Natural Gas Trade in Competitive Market Frameworks Youngho Chang	'Real Option' Analysis of Interim Emission Targets Alexander Golub , Oleg Lugovoy, Jon Anda, Elena Strukova
17:50-18:10	The Potential for Mitigation of Carbon Dioxide Emissions from Electricity Use in the Hungarian Buildings Sector Aleksandra Novikova, Viktorya Novikava, Diana Úrge-Vorsatz	The Cost of Counteracting Policy Instruments: The case of feed-in-tariffs, CO₂ emission trading and on-budget aids to natural gas Sofia Simões , João Cleto, Júlia Seixas, Patrícia Fortes	Competitiveness in Unilateral Climate Policy: Border Tax Adjustments or Integrated Emission Trading? Victoria Alexeeva-Talebi , Andreas Löschel, Tim Mennel
18:10-18:30	Application of the TIMES model for a Russian Post-2012 Climate Policy Scenario Alexander Golub, Oleg Lugovoy , Elena Strukova	Non-Extractable Black Coal: An Engineering-Economic Model of Energy & Environment Security U. P. Singh	Impacts of Climate Change on Electricity Production in Europe – Adaptation Options for Power Producers Ulrich Reiter , Hal Turton
18:30	<i>Adjourn</i>		

Tuesday Morning – 1 July 2008 – Main Conference Room

PLENARY SESSION

CHAIR: Leo Schrattenholzer

09:00-09:30	World Energy Model and the World Energy Outlook	Fatih Birol <i>et al.</i>
09:30-10:00	Growth Rates of Emissions and Energy in Developing Economies	Richard G. Richels and Geoffrey J. Blanford
10:00-10:30	Asia's Growing Emissions of Carbon Dioxide from Energy Use	Toufiq A. Siddiqi
10:30-11:00	Coffee Break	
11:00-11:30	Banking Permits: Economic Efficiency and Distributional Effects	Valentina Bosetti, Carlo Carraro , Emanuele Massetti
11:30-12:00	A Cost-Benefit Analysis of Climate Change: Uncertainties and the Value of Information	Bob van der Zwaan and Ari Rabl
12:00-14:00	Lunch	
14:00-18:30	<i>Parallel Sessions (see next page)</i>	
18:30	Adjourn	

Tuesday Afternoon – 1 July 2008 - 14:00-18:30

	PARALLEL SESSION 4 Venue: Main Conference Room A	PARALLEL SESSION 5 Venue: Ground Floor Meeting Room	PARALLEL SESSION 6 Venue: Main Conference Room B
	DEMAND / ENERGY EFFICIENCY / TRANSPORTATION	CLIMATE CHANGE	ENERGY POLICY 2
	CHAIRPERSONS: Richard Bradley Tom Rutherford	CHAIRPERSONS: Maryse Claude Labriet Bob van der Zwaan	CHAIRPERSONS: Toufiq Siddiqi Denise VanRegemorter
14:00-14:20	<u>Residential heating expenditures in the UK</u> Helena Meier, Katrin Rehdanz	<u>Managing climatic threats: global gardening with a leaky bucket</u> Peter Read	<u>Energy Security in EU – Demand and Supply Scenarios of Renewables and Dependence on Russian Energy</u> Tiina Koljonen, Katri Pahkala, Laura Solanko, Rinat Abdurafikov, Martti Flyktman, Antti Lehtilä
14:20-14:40	<u>The role of economic and behavioural parameters affecting energy efficiency policy design in the EU</u> Franco Becchis, Vlasios Oikonomou, Daniele Russolillo	Representation of Non-energy Related Greenhouse Gas Emissions Projections and Mitigation in the World Energy Outlook Model Ragnauth Shaun and Paco de la Chesnaye	<u>Regional Energy Planning: A Case Study</u> Rocco De Miglio, Maurizio Gargiulo, Evasio Lavagno
14:40-15:00	<u>Electricity intensity patterns in G7 countries</u> Giorgio Ballardin	<u>US Technology Choices, Costs and Opportunities under the Lieberman-Warner Climate Security Act: Assessing Compliance Pathways</u> Gary A. Goldstein, Pat Delaquil, Evelyn Wright	<u>Achieving a Common Green-Certificates Market Between Norway and Sweden: Benefits, Conditions and Constraints</u> Catherine Banet
15:00-15:20	<u>Energy Efficiency Practices in Afghanistan for Economic and Environmental Gains</u> Zahidullah Hamdard, Sayeed Abraham Sherzai, Mohammed Riaz Rameen, Edgard Dezuari	<u>Mitigation policies in the context of globalization</u> Marian Leimbach, Nico Bauer, Lavinia Baumstark	<u>Criteria for introduction of hydrogen in Norway – a modeling approach using MARKAL and infrastructure models</u> Audun Fidje, Eva Rosenberg and Kari Espegren
15:20-15:40	<u>Estimation of substitution elasticities for CGE Models</u> Azusa Okagawa, Kanemi Ban	<u>Assessing the Effort-Sharing in Ambitious Global Climate Scenarios</u> Tommi Ekholm, Sampo Soimakallio, Sanna Syri, Niklas Höhne, Sara Moltmann	<u>Coordination of Climate Change Policy Instruments in European Energy-intensive Sectors</u> Claudia Dias Soares
15:40-16:00	<u>Renewable Energy & Efficiency Modeling Analysis Partnership (REMAP): Overview of Process and Brief Summary of Results: Focus on high RE scenarios over medium term (out to 2025)</u> Gary Goldstein	<u>How Might Climate Change Affect Economic Growth? A Review of the Growth Literature with a Climate Lens</u> Franck Lecocq and Zmarak Shalizi	<u>Economic consequences of climate change in Europe</u> J. C. Ciscar, Denise van Regemorter, L. Szabo
16:00-16:30		Coffee Break	
16:30-16:50	<u>Modeling Transportation Services in MERGE</u> Geoffrey J. Blanford and Thomas F. Rutherford	<u>Uses and Misuses of the Notion of a Unique World Carbon Price</u> Renaud Crassous, Jean-Charles Hourcade, Priyadarshi R. Shukla	<u>The Endogenous Price Dynamics of the Emission Allowances: An Application to CO₂ Option Pricing</u> Marc Chesney and Luca Taschini

16:50-17:10	Optimizing U.S. Transportation Wedges: What We Learn from a Bottom-up Model Sonia Yeh , Alex Farrell, Richard Plevin, Alan Sanstad, and John Weyant	Remodeling the Legal and Institutional Framework of the CDM: The Key to Achieving Enduring Sustainable Development in the Energy Sector; A Case Study of CDM Projects Aimed at Recovering CH₄ in Oil-Producing States Sam Okoro	Climate Coalitions, Feasibility And Effectiveness Valentina Bosetti, Carlo Carraro, Alessandra Sgobbi , Massimo Tavoni
17:10-17:30	Sustainable Development and Automobile Transport: An Integrated Global Scenario Analysis Hal Turton	Evaluating Environmental Side-Effects of Carbon Reduction Takanobu Kosugi	Delayed Participation of Developing Countries to Climate Agreements: A Reason to Postpone Action in EU and the US? Valentina Bosetti, Carlo Carraro, Massimo Tavoni
17:30-17:50	Biofuels Production and Trade under the U.S. Energy Independence and Security Act of 2007 Carmen Difulio , Audrey Lee, Thomas Alfstad, and Bhima Sastri	Greenhouse Gases Emissions from the Romanian Iron and Steel Industry Ecaterina Matei , Mirela Sohaci, Andra Stoica, Andrei Predescu, Avram Nicolae	Efficiency and Distributional Impacts of Tradable White Certificates Compared to Taxes and Standards Louis-Gaëtan Giraudet, Philippe Quirion
17:50-18:10	Evaluation of Biomass-derived Transport Fuels in Germany Carolyn Funk , Dag Martinsen, Jochen Linßen	How to Assure an Effective Mitigation of GHG Emissions through Transport Measures Daniel Borrego and Ana Gomes	How the Choice of Model Affects the Assessment of Emission Control Measures Mark Barrett , Simone Schucht
18:10-18:30	On Modeling the Impact of Fuel Prices and Income on Service and Energy Demand in Individual Transport in Austria – Evidence from the Period 1970-2005 Amela Ajanovic , Reinhard Haas	Attitudes of Australian Businesses and Householders towards Distributed Energy William Lilley , John Gardner, Peta Ashworth, and Simone Carr Cornish	Time and Space Matter: How Urban-energy Transitions Create Inequality François Gusdorf, Stéphane Hallegatte , Alain Lahellec
18:30	Adjourn		

Wednesday Morning – 2 July 2008 – Main Conference Room

PLENARY SESSION

CHAIR: Joe Aldy

8:45-9:15	Energy Technology Perspectives 2008	Dolf Gielen <i>et al.</i>
9:15-9:45	Insight in Energy Technologies Prospects Given the EU Climate and Energy Policy, an Analysis with the PET, the Pan European TIMES Model	M. Gargiulo, A. Kanudia, Denise Van Regemorter
9:45-10:15	OPEC Oil Strategies in a Climate Regime	Laurent Drouet, Amit Kanudia, Maryse Labriet, Richard Loulou , Marc Vielle
10:15-10:30	Coffee Break	
10:30-11:00	Impact Assessment of the "Climate Action and Renewable Energy Package" of the EU	Pantelis Capros and Leonidas Mantzos
11:00-11:30	The Role of Carbon Price Caps in Climate Mitigation Policy	Cédric Philibert
11:30-12:00	Cost Effectiveness of Proposed U.S. Climate Change Legislation	Allen A. Fawcett , Francisco de la Chesnaye, Christa Clapp, Eric Smith
12:00-14:00	Lunch	
14:00-18:30	<i>Parallel Sessions</i> (see next page)	
18:30	Adjourn	

Wednesday Afternoon – 2 July 2008 - 14:00-18:30

	PARALLEL SESSION 7 Venue: Main Conference Room A	PARALLEL SESSION 8 Venue: Ground Floor Meeting Room	PARALLEL SESSION 9 Venue: Main Conference Room B
	UNCERTAINTY AND PROBABILITIES	ENERGY TECHNOLOGY	ENERGY POLICY 3 / METHODOLOGY / ELECTRICITY
	CHAIRPERSONS: Reinhard Haas Oleg Lugovoy	CHAIRPERSONS: Hal Turton Sonia Yeh	CHAIRPERSONS: Alison Hughes Socrates Kypreos
14:00-14:20	Uncertainty and Discounting in the Monte-Carlo Version of MERGE Socrates Kypreos and Bertrand Magné	A Theoretical Approach to Technology Learning explaining Learning Rates Claas-Otto Wene	Development of an 'Open-source' Energy Planning Methodology Mark Howells , Hans-Holger Rogner, Irej Jalal, Mio Isshiki
14:20-14:40	Carbon and Energy Price Uncertainty Analysis Using the Global E3MG Model Stephen Stretton , Terry Barker, Athanasios Dagoumas	Technology Diffusion and Innovation in the European Wind Power Sector: The Impact of Energy and R&D Policies Kristina Ek and Patrik Söderholm	The Beginnings of a Coordinated Coherent Planning Framework – Energy, Water, Land-use and Climate Change Hans-Holger Rogner , Irej Jalal, Mark Howells, Ferenc Toth
14:40-15:00	Optimal Paths of Climate Change Mitigation and Adaptation Under Certainty and Uncertainty Tyler Felgenhauer	Technology Options for Low Stabilization Pathways with MERGE Bertrand Magné , Socrates Kypreos and Hal Turton	Differential Regulation of Carbon Emissions: Will It Make Unilateral Climate Policies More Cost-Effective? Christoph Böhringer and Tom Rutherford
15:00-15:20	Profit-maximizing Investments in Energy Technology under Carbon Tax Uncertainty Ekundayo Shittu and Erin Baker	Learning Curves for Hydrogen Production Technology: An Assessment of Observed Cost Reductions Koen Schoots , Francesco Ferioli, Gert Jan Kramer, Bob C.C. van der Zwaan	Modeling Electricity Trade among World Regions and its Implications on Mitigation Costs and Strategies Nico Bauer , Ottmar Edenhofer, Sylvie Ludig, Michael Lüken
15:20-15:40	Power Generation Capacity Planning Under CO₂ Regulatory Uncertainty: Comparing Different Modeling Approaches Dalia Patino-Echeverri , Elmar Kriegler	The Importance of Global Energy Technology Learning on the Norwegian Energy System and CO₂ Emissions under Policy Constraints Thomas Martinsen	The Dynamics of Regional (Sub-national) Integrated Energy Planning and Requirements for Methods and Models Atom Mirakyan , Norbert Lewald and Pierre Imbert
15:40-16:00	Multi-Agent Model of the German Electricity System with Regard to Different Investment Strategies of the Main Utilities Nina Heitmann	Role of Technology R&D in Mitigating Carbon Emissions Paul Friley , Vatsal Bhatt and Thomas Alfstad	Using Fuzzy Constraints in an Energy Systems Model to find Compromises in Energy Policy Dag Martinsen , Volker Krey
16:00-16:30	Coffee Break		
16:30-16:50	Use and Limitations of Learning Curves for Energy Technology Policy: The Case of Hydrogen Production F. Ferioli , K. Schoots, B.C.C. van der Zwaan	Technology Transfer and the CDM Wytze Van der Gaast , Katherine G Begg, Alexandros Flamos, N. Mithulananthan, Eduardo Sanhueza, Gang Deng, Daniel Theur, Yair Sharan	Coordinating Supply Schedules by Asymmetric Cost Transmission, Carbon Trade and the German Electricity Spot Market Nikolas Wölfing
16:50-17:10	Optimal Timing of GHG Emissions Abatement: Further Insights from a Stochastic-Control Approach Olivier Bahn , Alain Haurie, Roland Malhamé	Least-Cost Portfolio-based RPS (Renewable Portfolio Standard) Target – A Cost Competitive Approach for Japanese Renewable Energy Promotion Anindya Bhattacharya , Mark Elder and Jane Romero	Scenarios for the Evolution of the Spanish Electricity Sector: Is it on the Right Path towards Sustainability? P. Linares , F.J. Santos, I.J. Pérez-Arriaga

17:10-17:30	The Optimal Time Profile of the Social Cost of Carbon: A Desperate Quest? Patrice Dumas , Jean-Charles Hourcade, Baptiste Perrissin Fabert	GIS-based Model to Optimize Possible Self-sustaining Regions in the Context of a Renewable Energy Supply Markus Biberacher , Sabine Gadocha	The UK Experience in Using MARKAL Flexible Time-slice Facilities: Exploring the Role of Electricity and Hydrogen Storage Options Ramachandran Kannan
17:30-17:50		CO₂ Emissions: Estimating Uncertainties in practice for Power Plants Pascal Bailly, Etienne de Rocquigny, Guennadi Andrianov	
17:50-18:10			
18:10-18:30			
18:30	<i>Adjourn</i>		

Thursday Morning – 3 July 2008 - 9:00-13:00		
	PARALLEL SESSION 10 Venue: Main Conference Room A	PARALLEL SESSION 11 Venue: Main Conference Room B
	ETSAP, IEW extension	ETSAP Regular WS
	CHAIRPERSON: <i>Leo Schrattenholzer</i>	CHAIRPERSON: <i>Maryse Labriet</i>
9:00-9:20	Internalizing Externalities of both Heat Production and Electricity Generation in TIMES-Sweden – What difference Does it Make? Anna Krook Riekkola and Erik O. Ahlgren	Integrating ArcGIS and MARKAL: a toolbox, Machteld van den Broek
9:20-9:40	The roles of electricity and hydrogen storage in a low-carbon energy system – Modelling in temporal MARKAL model Ramachandran Kannan	Linking MM with MERGE to study national policies under consistent global developments, Socrates Kypreos
9:40-10:00	34-Region Energy Model for China Using TIMES Xiaoxue LI , Mei LIAO, M Gargiulo, Yufeng YANG	EU Objectives on Climate Change and Renewable Energy for 2020 in Belgium Denise van Regemorter (KUL), Wouter NIJS (VITO)
10:00-10:20	Waste-to-energy Technologies in TIMES Models Poul Erik Grohnheit , Kenneth Karlsson, and Marie Münster	Soft-linking UK MARKAL to a GIS interface to investigate spatial aspects of new hydrogen infrastructures, Neil Strachan
10:20-10:40	Energy Models for Urban Planning: The Slow Track to more Energy Efficiency and Greenhouse Gas Emission Reductions T. Hamacher , J. Herrmann, F. Botzenhart, P. Mühlich, P. Böhme	Innovative Simulation and Optimisation Techniques for Energy Systems with a High Renewable Component, Mark Barrett
10:40-11:10	Coffee Break	
11:10-11:30	Supra-European Emissions Trading Schemes: An Efficiency and International Trade Analysis Victoria Alexeeva-Talebi and Niels Anger	Modelling Hubbert curves as MIP formulation in TIMES, Uwe Remme
11:30-11:50	Economic Effects of Greenhouse Gas Emissions Reduction on a Local Level Martin Bartelt	MARKAL-Italy: mitigation cost curve by technology group, Francesco Gracceva , Umberto Ciorba
11:50-12:10	The Role of Technologies and Structural Changes in the Energy System of the EU 27 to Achieve the 440 ppm Target Markus Blesl , Tom Kober, David Bruchof	The role of energy efficiency in Portugal for compliance with 2020 GHG emission targets João Cleto , Sofia Simões, Patrícia Fortes, Júlia Seixas
12:10-12:30	Energy Independence and Security Act 2007: Impacts on US GHG Emissions and Energy Security Thomas Alfstad , Paul Friley, Audrey Lee	Assessment and improvement of methodologies used for Greenhouse Gas projections Jan Duerinck (12.10-12.25)
12:30-12:50	Global Transportation Scenarios in the Multi-regional EFDA-TIMES Energy Model Pascal Muehlich , Thomas Hamacher, Tobias Hartmann	The Environmental Costing Model: the methodology explained for a multi-pollutant MIP model with different applications Pieter Lodewijks , Erika Meynaerts (12.25-12.40)
12:50-13:10	The Botswana Energy Situation – A Trail on a Clean Energy Technological Footprint Cheddi Kiravu	Analysing the carbon mitigation alternatives on transport in the MARKAL-Turkey Model, Tanay S. Uyar, Melih Kırıldıođ, Mustafa Sađlam, Egemen Sulukan ((12.40-12.55) About the new version of Turkish MARKAL model Tanay S. Uyar, Mustafa Sađlam, Egemen Sulukan (12.55-13.10)
13:10	Lunch	

The organizers of the IEW meeting like to thank [EPRI](#) for their support.