Semi-annual ETSAP Workshop
Paris – July 3, 2008

Final Program

Venue   IEA Headquarters, 9 rue de la Fédération, Paris [www.internationalenergyworkshop.org]
Date: July 3, 2008
Contacts: for the host: Peter Taylor [Peter.TAYLOR@iea.org]
         For ETSAP: GianCarlo Tosato [gct@etsap.org]

Monday-Wednesday, June 30 – July 2, 2008
International Energy Workshop IEW2008
(Updated program at http://www.internationalenergyworkshop.org)

Thursday, July 3, 2008
Parallel sessions (9.00-13.10)

Parallel session 1: ETSAP – IEW extension
Chair: Leo Schrattenholzer
Program copied from: www.internationalenergyworkshop.org

9:20 – 9:40   Anjana Das & Erik Ahlgren
The ESMOPO project – MARKAL modelling of three ASEAN countries and the role of clean technologies

9:40 – 10:00   Ramachandran Kannan
The roles of electricity and hydrogen storage in a low-carbon energy system – Modelling in temporal MARKAL model

10:00 -10:20   Poul Erik Grohnheit, Kenneth Karlsson, and Marie Münster
Waste-to-energy technologies in TIMES models

10:20-10:40   T. Hamacher, J. Herrmann, F. Botzenhart, P. Mühlich, P. Böhme
Energy models for urban planning: the slow track to more energy efficiency and greenhouse gas emission reductions

10:40-11:10   Coffee Break

11:10-11:30   Victoria Alexeeva-Talebi and Niels Anger
Supra-European Emissions Trading Schemes: An Efficiency and International Trade Analysis

11:30-11:50   Martin Bartelt
Economic effects of greenhouse gas emissions reduction on a local level

11:50-12:10   Markus Blesl, Tom Kober, David Bruchof, IER
The role of technologies and structural changes in the energy system of the EU 27 to achieve the 440 ppm target

12:10-12:30   Thomas Alfstad, Paul Friley, Audrey Lee
Energy Independence and Security Act 2007: Impacts on US GHG emissions and energy security

12:30-12:50   Pascal Muehlich, Thomas Hamacher, Tobias Hartmann
Global transportation scenarios in the multi regional EFDA-TIMES energy model

12:50-13:10   Cheddi Kiravu
The Botswana Energy Situation - A Trail on a Clean Energy Technological Footprint

Parallel session 2: ETSAP regular workshop
Chair: Maryse Labriet

9.00-9.20   Machteld van den Broek, Utrecht University, Uni-Utrecht
Integrating ArcGIS and MARKAL: a toolbox

9.20-9.40   Socrates Kypreos, PSI-CH
Linking MM with MERGE to study national policies under consistent global developments

9.40-10.00   Denise VAN REGEMORTER (KUL), Wouter NIJS (VITO)
EU-objectives on climate change and renewable energy for 2020 in Belgium

10.00-10.20   Neil Strachan, King's College London
Soft-linking UK MARKAL to a GIS interface to investigate spatial aspects of new hydrogen infrastructures

10.20-10.40   Mark Barrett, University College London,
Innovative Simulation and Optimisation Techniques for Energy Systems with a High Renewable Component

10:40-11:10   Coffee Break

11.10-11.30   Uwe Remme, IER, Uni-Stuttgart
Modelling Hubbert curves as MIP formulation in TIMES

11.30-11.50   Francesco Gracceva, Umberto Ciorba, ENEA
MARKAL-Italy: mitigation cost curve by technology group

11.50-12.10   João Cleto, Sofia Simões, Patrícia Fortes, Júlia Seixas
The role of energy efficiency in Portugal for compliance with 2020 GHG emission targets

12.10-12.30   Jan Duerinck (VITO)
Assessment and improvement of methodologies used for Greenhouse Gas projections

12.30-12.50   Pieter Lodewijks, Erika Meynaerts (VITO)
The Environmental Costing Model: the methodology explained for a multi-pollutant MIP model with different applications

12.50-13.10   Tanay S. Uyar, Mustafa Sağlam, Egemen Sulukan (Uni-Marmara, Istanbul)
About the new version of Turkish MARKAL model

13.10-14.10   Lunch

Thusday afternoon: Advance in ETSAP tools (14.00-15.30)
Chair: GianCarlo Tosato

14.10-14.30   Antti Lehtilä, VTT Energy Systems
Alternative Objective Function Formulations in TIMES

14.30-15.00   Ken Noble, Noble-soft, Canberra
**ANSWER-TIMES users' interface: presentation of the fully functional users'
interface**

15.00-15.20   Amit KANUDIA
VEDA users' interface: updates

15.20-15.30   Conclusion

15.30-16.00   Coffee break

Thursday, July 3, 2008 (16.00-19.00)
ETSAP Executive Committee Meeting
Delegates and invited experts will receive separately the agenda and the annexes.

Friday, July 4, 2008
Parallel sessions

Parallel Session 1: (9.00-17.30)
Workshop on data, models and methodologies of the REACCESS EC FP7 project
Chair: prof. Evasio Lavagno
(On invitation)
[The Workshop continues Saturday at the Hotel Europe, 103 boulevard de Grenelle]

Parallel Session 2: (9.00-13.00)
Working with the ETSAP-TIAM model and calibrating the national regions
Chair: Uwe Remme

9.00-10.00   Maryse Labriet, et al (presented by Uwe Remme)
**The ETSAP-TIAM global multi-regional model: organisation of the information
(templates, scenario files, how to build the service demands)**

10.00-10.20   Amit Kanudia (KanOrs Consultant)
The procedure that extracts a country and adds it as a new region

10.20-11.00   F. Gracceva, U. Ciorba, ENEA, G.C. Tosato, M. Gargiulo (Polito),
The path towards the calibration of the extracted region: the example of Italy

11:00-11:30   Coffee Break

11.30-11.50   Roberta Quadrelli (IEA, Statistical Office)
               Electricity, Heat, and CHP in the IEA National Energy Balances

11.40-13.00   Hands on session
               Discussion