

Semi-annual ETSAP Workshop Brazil – IEA/NEET Workshop

Final Program

Venue GRAND BITTAR HOTEL, Setor Hoteleiro Sul, Quadra 05 Bloco "A", BRASILIA
[<http://www.hoteisbittar.com.br>]

Date: November 19-23, 2007

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Monday-Tuesday, November 19-20, 2007

Brazil – NEET Workshop

The joint Brazil – NEET workshop will be held in Brasilia, (location?), on November 19-20, organised by the MME and the IEA (See separate program)

For additional information, please contact Dr. Alexandra NIEZ, IEA/ETO [Alexandra.NIEZ@iea.org]

Monday, November 19, 2007 (parallel session)

IEA/ETSAP Regular Workshop

(Ground floor, small meeting room in front of the lifts)

- 14.30-15.30 Richard Loulou (Canada), Amit Kanudia (India), Maryse Labriet (France), Uwe Remme (Germany)
**The TIMES Integrated Assessment Model of ETSAP:
The recalibration to 2005 national energy balances
Regions, RES, Trades, Periods, Technology Repository
Resource modelling and energy trade**
- 15.30-16.00 Amit Kanudia
**Using ETSAP-TIAM for national policy analyses: the “country-out-region-in”
procedure**
- 16.00-16.30 Amit Kanudia, Maryse Labriet, Uwe Remme
Instruction to transfer of the ETSAP-TIAM model (and actual transfer, if the conditions occur)
- 16.30-17.00 Coffee break
- 17.00-17.15 Antti Lehtilä, VTT – Richard Loulou, KANLO – GianCarlo Tosato, ETSAP
Sensitivity and Trade-off analysis in TIMES
- 17.15-17.30 Antti Lehtilä, VTT – Richard Loulou – Uwe Remme, IER – GianCarlo Tosato
Other New Features in TIMES Versions 2.2 – 2.5

17.30-17.45 Richard Loulou
Results of the IPCC special conference on New Scenarios

17.45-18.30 All participants
ETSAP participation to future activities of EMF-IAMC

Tuesday, November 20, 2007 (parallel session)

ETSAP Regular Workshop

(Ground floor, small meeting room in front of the lifts)

9.00-9.20 Denise Van Regemorter
Climate change mitigation policies in Belgium

9.20-9.40 Steve Pye, AEA Energy and Environment
MARKAL Macro analysis of long run costs of mitigation targets in the UK

9.40-10.00 Oleg Lugovoy
Towards a new Russia TIMES model

10.00-10.30 Uwe Remme, Dolf Gielen
Energy Technology Perspective 2008: an update

10.30-11.00 Coffee break

11.00-11.15 Maurizio Gargiulo, et al.
The EC project RES2020: an update

11.15-11.30 Evasio Lavagno
Secure energy corridors for Europe: the EC REACCESS project

11.30-11.45 Aleksey Cherednichenko (KazNIEK) (presented by GC Tosato)
Potential and opportunities of renewable energy sources in Kazakhstan

11.45-12.00 Maurizio Gargiulo
Progress in the 34 Provinces China TIMES model

12.00-12.15 Tanay Sidki Uyar, Marmara University, Istanbul, Turkey
Scenarios for MARKAL Studies in Turkey

12.15-12.30 Melih Kirlidog, Marmara University, Istanbul, Turkey
State of the MARKAL Model Studies in Turkey

Wednesday, November 21, 2007

Introduction to IEA/ETSAP tools for energy systems analyses – 1/3

[Questions from the trainees and interactions during the presentations are welcome]

- 8.30-9.00 Registration
- 9.00-9.10 Gilberto Hollauer (Brazilian Ministry of Mines and Energy)
Welcome
- 9.10-9.40 GianCarlo Tosato
Energy technologies systems analysis: an introduction
- 9.40-10.10 Denise Van Regemorter
Energy systems models: classification
- 10.10-10.40 G.C. Tosato, Richard Loulou
Scenario approach to the evaluation of energy choices
The concept of hedging strategies
- 10.40-11.00 Coffee break
- 11.00-11.30 Gary Goldstein, G.C. Tosato
Introduction to ETSAP tools
- 11.30-12.30 Richard Loulou
The MARKAL-TIMES modelling paradigms
Least cost, partial and general equilibrium versions
- 12.30-14.00 Lunch
- 14.00-15.30 Uwe Remme
Overview of TIMES: Parameters, Primal Variables & Equations
- 15.30-16.00 Coffee break
- 16.00-16.30 Uwe Remme, GianCarlo Tosato
Primal and Dual Problems of Linear Programming Economic Models: Marginal Prices and Price Formation Equations
- 16.30-17.00 Questions, Discussion, Conclusion

Thursday, November 22, 2007

Demonstration of IEA/ETSAP tools for energy systems analyses – 2/3

- 9.00-12.30 Amit Kanudia, Gary Goldstein, Maurizio Gargiulo
Introduction to the users' interface VEDA
Working with a simple demo model and results analysis
Presentation of the users' guide: "Getting started with TIMES-VEDA"
- 10.30-11.00 Coffee break
- 12.30-14.00 Lunch
- 14.00-17.00 Gary Goldstein, Uwe Remme, Ken Noble
Introduction to the users' interface ANSWER
Construction of a simple demo model and results analysis
- 15.30-16.00 Coffee break

Thursday, November 22, 2007 (16.00-19.00)

ETSAP Executive Committee Meeting

Delegates and invited experts (normally no more than 20 people) will receive separately the agenda and the annexes. The host organization is invited to attend.

Friday, November 23, 2007

Hands-on session to build a first draft TIMES-Brazil model – 3/3

- 9.00-9.30 Richard Loulou, et al
Introduction to the ETSAP – TIAM model
- 9.30-10.30 Amit Kanudia, et al
Possible structure of the Brazilian region of the ETSAP – TIAM model
- 10.30-11.00 Coffee break
- 11.00-12.30 Amit Kanudia, et al
Towards the calibration to 2005 of the Brazilian region of ETSAP – TIAM
Energy service demand projections. New technologies.
- 12.30-14.00 Lunch
- 14.00-14.30 Participants to the training course
Needs and expectations from potential Brazilian users of MARKAL-TIMES
- 14.30-15.00 Recent new users
Experience with starting with MARKAL-TIMES
- 15.00-16.00 Questions, Discussion, Conclusion