

# Semi-annual ETSAP Workshop

## 5<sup>th</sup> Draft Program

(as of November 01, 2006)

Venue Institute of Energy Economics and the Rational Use of Energy (IER) of the University  
Heßbrühlstraße 49a, Stuttgart, Germany (instructions to reach IER: see last page)

Date: November 28 – December 1, 2006

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For ETSAP: GianCarlo Tosato, gct@etsap.org, Tel.: +39.335.537.7675

Hotel: IER has arranged special conditions for participants with the hotel listed in at page.  
Rooms have to be reserved by participants (special conditions expire mid November).

[A meeting of the EC project NEEDS, research stream 2a, will be held Monday 27 and Tuesday 28, November 2006 at IER. The meeting is reserved to the NEEDS project staff. For additional information, please contact Dr. Carmelina Cosmi, cosmi@imaa.cnr.it, Tel.: +39.0971.427.207]

*Tuesday, November 28, 2006*  
**Training on VEDA-TIMES**

Participants are invited to bring their laptops and install the latest software prior to the meeting.  
For installation details, please contact Amit Kanudia at [amit@KanORS.com].

- 9.00-10.00 Test of the installations
- 10.00-10.30 Gary Goldstein  
Overview of the VEDA environment: templates, VEDA-Front-End and Back-end
- 10.30-10.45 Coffee break
- 10.45-11.30 Gary Goldstein  
Organization and philosophy of the VEDA templates
- 11.30-12.30 Gary Goldstein (others, to be defined)  
Working with VEDA-FE
- 12.30-14.00 Lunch
- 14.00-17.00 Amit Kanudia, Gary Goldstein, Maurizio Gargiulo  
VEDA-TIMES demo: from the analysis of the present energy system to the analysis of its possible future developments via model projections (.xls to .xls).  
Running the base scenario and importing results in VEDA-BE  
Possible Exercise: Addition of a new trade process

*Wednesday, November 29, 2006*  
**Training on TIMES**  
**Updates and future developments**

- 9.00-10.30 Antti Lehtila, Uwe Remme, Markus Blesl  
Overview of TIMES: Variables, Equations, Parameters  
Improvements over MARKAL
- 10.30-10.45 Coffee break
- 10.45-12.30 working with VEDA-TIMES hands-on
- 12.30-14.00 Lunch
- 14.00-15.00 Using TIMES with other user's interfaces  
Ken Noble: status of ANSWER-TIMES  
VTT  
IER  
ERC
- 15.00-15.30 Experience with migrating MARKAL models to TIMES  
Denise  
Francesco  
Etc.
- 15.30-15.45 Coffee break
- 15.45-17.00 Updates from the participants and new projects  
The NEEDS TIMES Pan European model: status and perspectives - Markus Blesl  
Wind power in the EC RES2020 project – P.E. Grohnheit, et al.  
EC TOCSIN project – Richard Loulou  
GICC project – Richard Loulou  
Discussion and conclusion

*Thursday, October 30, 2006*  
**TIMES integrated assessment model (TIAM)**

- 9.00-9.10 Richard Loulou  
Introduction and History of the 15 region global TIAM
- 9.10-10.30 Structure of TIAM  
- Regions, RES, Trades, Periods, TechRep (Maryse Labriet –40 min  
- Base Case Scenario(s) including an overview of resource modelling and energy trade in TIAM based on the 2006 review (Uwe Remme) 40 min
- 10.30-10.45 Coffee break
- 10.45-12.00 Integrating aspects of TIAM  
Climate Module (Antti Lehtila)  
Application: Hedging strategies for long term climate stabilisation (Richard Loulou)
- 12.00-12.45 Dolf Gielen  
The IEA-ETP global MARKAL model: status and perspectives

- 12.45-13.00 Chirstian Eherer, Martin Baumann  
The EFDA TIMES global model: status and perspectives
- 13.00-14.15 Lunch
- 14.15-16.30 Future developments of TIAM  
a – EMF-22: Policies in transition - Richard Loulou or Maryse Labriet  
b – Prototype of a myopic TIAM version - Uwe Remme  
c – Collapsing the RES: the example of SAGE - Amit Kanudia  
d – Collapsing regions  
e – Using TIAM for developing national scenarios integrated to the global scenarios:  
How to extract a country from a region and add it as separate 16<sup>th</sup> region
- ... - ... Coffee break
- 16.30-17.00 Discussion and Conclusions

*Friday, December 1, 2006 (9.00 – 13.00)*

**ETSAP Executive Committee Meeting**

Delegates and invited experts will receive separately the agenda and the annexes

*Friday, December 1, 2006 (14.00 – 17.00)*

**Working with TIAM – Demo Session**

For people interested to have a closer look at the model, a demonstration session (eventually hands-on) will be held with a TIAM model having only a few periods - Uwe Remme, Maryse Labriet (TBA)

***Hotels in Vaihingen (the district of Stuttgart where IER is located)***

In the first three hotels of the list, blocks of rooms have been reserved for the time between the 25.11.to the 2.12.06. The participants should mention that they are staying for the "ETSAP workshop" when booking.

Hotel Am Wallgraben  
 Am Wallgraben 119  
 70565 Stuttgart (Vaihingen)  
 Tel. (+49) 711 7876 100  
 Fax (+49) 711 7876 101  
 E-Mail: IB-Hotel-Stuttgart@internationaler-bund.de  
 Price (single room): 68 € (Mention "ETSAP Workshop")  
 Distance to IER: 1 km walking distance

Hotel NEOTEL Stuttgart  
 Vaihinger Straße 151  
 70567 Stuttgart (Moehringen)  
 Tel.: (+49) 711 - 7 81 40  
 Fax (+49) 711 - 7 80 43 14  
 Email: info@hotel-neotel.de  
 www.hotel-neotel.de  
 Price (single room): ca. 80 € (Mention "ETSAP Workshop")  
 Distance to IER: 2 km by U-Bahn

Hotel Römerhof  
 Robert-Leicht-Strasse 93  
 70563 Stuttgart (Vaihingen)  
 Tel. (+49) 711 687880  
 Fax (+49) 711 6878860  
 Price (single room): 73 € (Mention "ETSAP Workshop")  
 Distance to IER: 3 km by S-Bahn

Mo.hotel  
 Hauptstraße 26  
 70563 Stuttgart (Vaihingen)  
 Tel (+49) 711 28056-0  
 Fax (+49) 711 28056-100  
 www.mo-hotel.com  
 Price (single room): ca. 128 €  
 Distance to IER: 2 km walking distance or by Bus

***Hotels in Stuttgart downtown***  
 (no rooms reserved here)

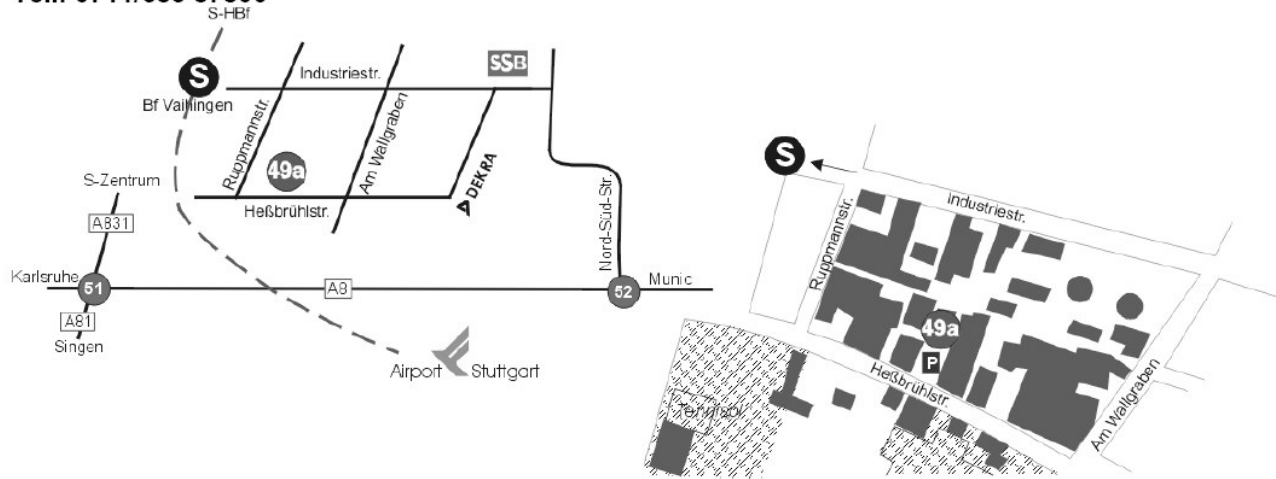
Hotel Ibis Stuttgart Loewentor  
 Presselstrasse 15  
 70191 Stuttgart  
 Tel (+49) 711 255510  
 Fax (+49) 711 25551150  
 www.accorhotels.com  
 Price (single room): ca. 100 € plus 15 € breakfast  
 Distance to IER: 10 km by S-Bahn (metro)

## Approach Plan

**Institute of Energy Economics and the Rational Use of Energy (IER)**

Heßbrühlstraße 49a

Tel.: 0711/685 87800



### **by train:**

arrival at Stuttgart central station; take the subway-train S1 (Herrenberg), S2 (Flughafen) or S3 (Flughafen) (select "002" on the keypad of the ticket machine); leave the train at station „Vaihingen“; exit "Industriegebiet"; turn left into "Industriestrasse"; turn right into Ruppmannstrasse (3rd street on the right); at the junction turn left into Heßbrühlstrasse, go along the street until street number 49; turn left and go through the yard to the building in the rear.

### **by car from direction Karlsruhe/Heilbronn/Singen:**

leave the motorway A8 in direction Munc at the junction Stuttgart-Möhringen (drive 52A); turn right on to the Maybachstrasse; continue on the „Nord-Süd-Strasse“ until SSB-Center (2<sup>nd</sup> lights); turn left into Industriestrasse; drive up to the next crossing; turn left „Am Wallgraben“; turn right at the next crossing into the „Heßbrühlstrasse“; turn right into the yard after the street number 51 (around 300 m) .

### **by car from direction Munc:**

leave the motorway A8 in direction Stuttgart at the junction Stuttgart-Degerloch (drive 52B); stay on the left track; turn off right after around 500 m into the Nord-Süd-Strasse; continue on the „Nord-Süd-Strasse“ until SSB-Center (2<sup>nd</sup> lights); turn left into Industriestrasse; drive up to the next crossing; turn left „Am Wallgraben“; turn right at the next crossing into the „Heßbrühlstrasse“; turn right into the yard after the street number 51 (around 300 m).

### **by airplane:**

arrival at airport Stuttgart; take the subway train S2 (Schorndorf) or S3 (Backnang) (select "002" on the keypad of the ticket machine); leave the train at station „Vaihingen“; exit "Industriegebiet"; turn left into "Industriestrasse"; turn right into Ruppmannstrasse (3rd street on the right); at the junction turn left into Heßbrühlstrasse, go along the street until street number 49; turn left and go through the yard to the building in the rear.