

Attachment P8 to Agenda Item 7.1 of the 54<sup>th</sup> Executive Committee Meeting, Sophia-Antipolis, December 16, 2008

***Semi-annual ETSAP Workshop***  
Sophia-Antipolis (Nice, France) – December 15-17, 2008

***Final Program***

Venue: Ecole des Mines de Paris, Site de Sophia-Antipolis (see map posted at [www.etsap.org](http://www.etsap.org))  
Contacts: for the host: Sandrine Selosse [[sandrine.selosse@mines-paristech.fr](mailto:sandrine.selosse@mines-paristech.fr)]  
For IEA-ETSAP: GianCarlo Tosato [[gct@etsap.org](mailto:gct@etsap.org)]

*Monday, December 15, 2008*

***ETSAP regular sessions***

Morning: Bat. A - Amphitheatre Vinci (Level 0)

- 9.20 Ms. Nadia Maizi, Director CMA - MINES ParisTech – GianCarlo Tosato (IEA-ETSAP)  
**Welcome and presentation of the Workshop**
- Session 1** ***MARKAL-TIMES Models with black, green and white certificates***  
Chair Ms. Wenying Chen, Tshighua University, Beijing
- 9.30-9.50 Ms. Nadia Maizi, Director CMA - MINES ParisTech  
**Electricity generation and renewables under carbon mitigation policies**
- 9.50-10.10 Mr. Markus Blesl, Tom Kober, David Bruchof, Ralf Kuder, IER, Uni-Stuttgart  
**EU 20-20-20 policy implications on the national an EU energy system – an analysis with TIMES PanEU**
- 10.10-10.30 Mr. Ralf Kuder, IER, Uni-Stuttgart  
**Final energy reduction potential within the European industry sector - Analysis by modelling a white certificate trading scheme with TIMES PanEU**
- 10.30-11.00 Coffee
- Session 2** ***Updates on models and users' interfaces***  
Chair Markus Blesl, IER, Uni-Stuttgart
- 11.00-11.20 Mr. Ken Noble (presented by Uwe Remme)  
**The most recent ANSWER-TIMES enhancements**
- 11.20-11.40 Ms. Wenying Chen, Tsinghua University, Beijing  
**Recent energy modelling activities at 3E research institute.**
- 11.40-12.00 Mr. Socrates Kypreos  
**Transport Module; Integration in MERGE and carbon stabilization scenarios**
- 12.00-12.20 Mr. Erik Ahlgren  
**POEM and ESMOPO continuation**
- 12.20-12.40 Mr. Uwe Remme, Fabian Kesicki, Markus Blesl, Uli Fahl, IER, Uni-Stuttgart  
**Long term energy price – independency between market power, resource availability & demand options (A sensitivity analysis with the soft coupling of TIAM and LOPEX)**
- 12.40-13.00 Ms. Carmelina Cosmi, Ms. Filomena Pietrapertosa, IMAA-CNR, Potenza  
**Assessment of externalities related to global and local air pollutants with the NEEDS-TIMES Italy model**



- 13.00-14.00 Lunch
- Bat. A - Amphitheatre Mozart (Level -1)
- Session 3**  
Chair **The key role of MARKAL modelling in the UK low carbon energy policy process**  
Socrates Kypreos
- 14.00-14.15 Neil Strachan and Ramachandran Kannan, King's College London  
**Iterative UK energy modelling and policy making: From the 2000 Royal Commission to the 2008 Climate Change Bill -**
- 14.15-14.45 Tom Paler and Steve Pye, AEA Technology  
**Modelling stringent UK CO2 reduction targets: The UK Government and Climate Change Committee scenarios**
- 14.45-15.15 Gabriel Anandarajah and Neil Strachan, King's College London  
**Modelling stringent UK CO2 reduction targets: The UKERC academic scenarios**
- 15.15-15.30 Discussant: Dense van Regemorter
- 15.30-16.00 Coffee
- Session 2**  
Chair **Updates on models (continuation)**  
Markus Blesl, IER, Uni-Stuttgart
- 16.00-16.20 Mr. Cédric Cubizolle, Alexandre De Sousa, Roman Kanala, HEG, Genève  
**"Social MARKAL": Integrating Behavioural Changes in the Technological Optimization Framework**
- 16.20-16.40 Mr. Audun Fidje  
**Towards a regional TIMES model for Norway**
- 16.40-17.00 Maurizio Gargiulo, Rocco De Miglio, Polytechnic Turin – George Giannakidis, CRES, Amit Kanudia, KANLO  
**EC-RES2020 project: preliminary results; the TIMES-UK model**

*Tuesday morning, December 16, 2008*

**ETSAP Executive Committee Meeting**

Bat. H, Room Ground Floor

*(Restricted; delegates and invited experts will receive separately the agenda and the annexes)*  
(A preparatory meeting on the proposed ETSAP Energy Technology Data Source (E-Tech-DS) will be held Monday 17.00-19.00 in room Bat. H, Room Ground Floor, with the expected participation of ADEME, AEAT, ECN, IER, and VITO)

- 13.00-14.00 Lunch

*Tuesday afternoon, December 16, 2008*

**Workshop on 'Carbon and Prospective'**

*Jointly organized by Mines ParisTech/ENPC/AgroParisTech and ETSAP*

Bat. I, Rooms R016, R017, ground floor (the program is attached in the last page)

*Wednesday-Friday, December 17-19, 2008*

**Training on ETSAP tools**

(see separate program, at [www.etsap.org](http://www.etsap.org))

Wednesday, December 17, 2008  
**ETSAP regular sessions**  
 Bat. I, Rooms R016, R017, ground floor

- Session 4**      **Advances in ETSAP – TIMES Integrated Assessment Model**  
 Chair              Mr. Edi Assoumou, MINES ParisTech
- 9.10-9.50              Mr. Richard Loulou, Ms. Maryse Labriet, r. Amit Kanudia  
**New results with ETSAP-TIAM: climate scenarios with fragmented markets**
- 9.50-10.20              Ms. Maryse Labriet, Richard Loulou, Laurent Drouet, Marc Vielle  
**Soft-link with GEM-E3 and GEMINI-E3**
- 10.20-10.40              Ms. Denise Van Regemorter, KUL Leuven  
**Why linkage?**
- 10.40-11.00              Coffee Break
- 11.00-11.15              Mr. Amit Kanudia, KanORS  
**Accessing ETSAP-TIAM results on the web**
- 11.20-11.30              ETSAP Contracting Parties  
**Experiences with the use of ETSAP-TIAM and extraction of a country model**
- Mr. Markus Blesl, IER  
                             Mr. Keppo Ilkka, ECN
- Session 2**              **Updates on models (cont.) and New features of technical economic modelling**  
 Chair                      Ms. Maryse Labriet, CIEMAT
- 11.30-11.50              Mr. Gondia Sokhna SECK, EDF/Ecole des mines (PhD)  
**Non-Energy Intensive Industry Modelling**
- 11.50-12.10              Mr. Francesco Gracceva  
**The EU 20-20-20 policy for Italy: an evaluation with the partial & general equilibrium versions of the MARKAL-IT model**
- 12.10-12.30              Ms. Mathilde Drouineau, Mines Paristech  
**Integrating reliability constraints on power systems in long term planning tools**
- 12.30-12.50              Mr. Richard Loulou, KANLO – Mr. Antti Lehtila, VTT – GianCarlo Tosato, ASATREM  
**New features of the TIMES model generator**
- 12.50-13.00              Mr. Tanay S. Uyar, Egemen Sulukan, Mustafa Salam, Uni-Marmara, Istanbul  
**Analysing Alternative Scenarios on TURKISH MARKAL Model**
- 13.00-14.00              Lunch



**Nadia MAÏZI (CMA)** **Jean-Charles HOURCADE (CIRED)**

vous invitent au  
*(invite you at the*

colloque de lancement de la  
*launch conference of the)*

**Chaire Modélisation prospective au service du développement durable**

**Mardi 16 décembre 2008**

**MINES ParisTech - Sophia Antipolis**

— 14h-16h30 —

**International Workshop « Carbon and Prospective »**

Jointly organised by the Chaire Modélisation prospective and ETSAP

**Jean-Eudes MONCOMBLE**, General Secretary of the French Energy Council-CFE :  
"Energy policy scenarios for 2050"

**Thierry CHAMBOLLE**, Advisor for the Center for Strategic Analysis-CAS : "The shadow price of carbon"

**Michel COLOMBIER**, Scientific Director at the Institute of Sustainable Development and International Relations-IDDR : "Modelling issues and climate negotiations" (to be confirmed)

**Edi ASSOUMOU**, Researcher at the Center of Applied Mathematics- CMA / MINES ParisTech : "Mitigation targets and carbon values: insights from TIMES\_FR"

**Olivier SASSI**, Researcher at the International Center of Research on Environment and Sustainable Development-CIRED / Ecole des Ponts ParisTech : "Climate protection and infrastructures"

**Chen WENYING**, Professor at Tsinghua University, China: "Carbon issues in China"

**Uwe REMME**, Senior scientist at Stuttgart University, Germany: "Carbon issues in Germany"

— 16h30 Pause Café —

— 17h-18h —

**Lancement officiel de la Chaire Modélisation prospective au service du développement durable**

Avec les interventions :

**De Monsieur Pierre LAFFITTE**, Sénateur honoraire, Président de la Fondation Sophia Antipolis

**Des Responsables de la Chaire**

**Nadia MAÏZI**, Directrice du CMA (Centre de Mathématiques Appliquées-MINES ParisTech)  
**Jean-Charles HOURCADE**, Directeur du CIRED (Centre international de recherche sur l'environnement et le développement-Ecole des Ponts ParisTech/AgroParisTech/CNRS/EHES)

**Des Partenaires industriels et institutionnels**

**Jean-Marie BOUCHEREAU**, Chef de service adjoint Observation, Economie et Evaluation de l'ADEME

**Jean-Yves CANEILL**, Chef de projets, Direction du développement durable d'EDF

**Alice de BRAUER**, Directrice du Plan Environnement de **RENAULT**

**Neal BREWSTER**, Responsable Prospective économique de **RIO TINTO** (sous réserve)

**Frédéric VAILLANT**, Directeur Innovation Technologique de **SCHNEIDER ELECTRIC**

**Jean-François MINSTER**, Directeur Scientifique de **TOTAL**

**Des Partenaires académiques**

**Benoît LEGAIT**, Directeur de MINES ParisTech

**Philippe COURTIER**, Directeur de l'Ecole des Ponts ParisTech

**Laurent ROSSO**, Directeur adjoint d'AgroParisTech

**Alain BAMBERGER**, Directeur de la Recherche de ParisTech (sous réserve)

**Jacques LEVY**, Président de la FI3M

**Philippe BERGOT**, Délégué général de la Fondation de l'Ecole des Ponts

— 18h-19h Cocktail —