

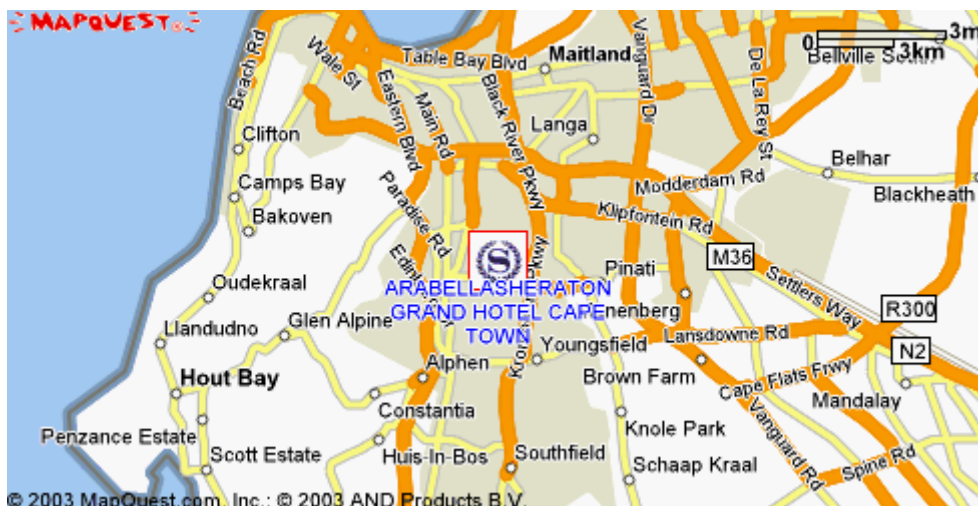
ETSAP semi-annual Workshop

Final Program

Venue Arabella Sheraton Grand Hotel Cape Town, Convention Square, Lower Long Street, Cape Town
8000 South Africa (see map)

Date: June 27-July 1, 2006

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Tuesday – Thursday, June 27-29, 2006

Annual meeting of the International Energy Workshop

Jointly organised by IIASA, Stanford, IEA, ETSAP (check)

Program: <http://www.iiasa.ac.at/Research/ECS/IEW2006/index.html>.

Friday, June 30, 2006 (9.00 – 17.30)
ETSAP Semi-annual Regular Workshop

9.00-9.10 **Peter Taylor** (IEA/ETSAP, deputy chair)
 Welcome, Presentation of the program

Session 1 IEA G8 Plan of Work in response to the Gleneagles Communiqué
 Chairperson: **GianCarlo Tosato** (ETSAP, Project Head)

Introduction

Due to importance of this issue, ETSAP has devoted the entire morning of its workshop to explore venues open to its experts that could be help to achieve the objectives outlined in the G8 leaders, July 2005 Communiqué' (see at <http://www.iea.org/G8/index.htm> the text of 'The Gleneagles Communiqué'). The G8 Leaders agreed that, "we face serious and linked challenges in tackling climate change, promoting clean energy and achieving sustainable development globally". They committed themselves to, "act with resolve and urgency" and to "work together and in partnership with major emerging economies". They invited "other interested countries with significant energy needs" to join them. The five major developing countries in attendance (China, India, Brazil, South Africa, Mexico) called for "a new paradigm for international co operation" and highlighted the need for technology transfer and collaborative research. The aims of the **G8 Plan of Action** are to:

- "Promote innovation, energy efficiency, conservation, improve policy, regulatory and financing frameworks, and accelerate deployment of cleaner technologies, particularly lower-emitting technologies;
- Work with developing countries to enhance private investment and transfer of technologies, taking into account their own energy needs and priorities; and
- Raise awareness of climate change and our other multiple challenges, and the means of dealing with them; and make available the information which business and consumers need to make better use of energy and reduce emissions".

The IEA response to the Gleneagles Communiqué proposes to work in the following fields:

- A. World Alternative Policy Scenario and Technology Scenario Analysis
- B. Transforming the Way We Use Energy
- C. Powering A Clean Energy Future
- D. Promoting Networks for Research and Development

ETSAP, with its expertise in quantitative energy systems analyses and long-term development models, and its networking capabilities is contributing to the development of the IEA-G8-Plan of Work.

- 9.10-9.30 **Gary Goldstein (ETSAP, Primary Systems Coordinator)**
IEA G8 Plan of Work: content and status
- 9.30-10.50 The point of view of experts from the major emerging economies
- Wenyng CHEN**, Tsinghua University, Beijing
Proposal on future cooperation of China with ETSAP under G8 +5
- Ashish Rana**, Reliance Industries Limited, Mumbai
Modelling of Energy Sector in India
- Gilberto Hollauer**, Ministério de Minas e Energia, Brasília
The Planning Process, Renewables and Efficiency Evolution in Brazil
- Elsa du Toit**, Department of Minerals and Energy, South Africa, Pretoria
Climate Change, Promotion of clean energy and Global sustainable development
- 11.50-11.10 Coffee break
- 11.10-12.10 Status of the 5+ regions in MARKAL-TIMES global models
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|------------|---------------------------------|
| IEA-ETP | F. Unander, D. Gielen (IEA/ETO) |
| EIA-SAGE | Barry Kapilow-Cohen (US-EIA) |
| EFDA-TIMES | Francesco Gracceva (ENEA) |
| ETSAP-TIAM | Maryse Labriet (GERAD, Canada) |
- 12.10-12.20 **GianCarlo Tosato (ETSAP, Project Head)**
Proposal of a new ETSAP Annex
- 12.20-13.00 Discussion
- 13.00-14.00 Lunch Break

Session 2 *MARKAL-TIMES models: an update*

Chairperson: **Denise VanRegemorter** (K. U. Leuven, Belgium)

- 14.00-14.15 **Barry Kapilow-Cohen** (US-EIA)
Planned revisions to SAGE industrial sub-model
- 14.15-14.30 **Joe DeCarolis** (US-EPA)
Representing SOx and NOx control technologies in MARKAL using an engineering-cost model
- 14.30-14.45 **Audun Fidje** (IFE, NO)
Modelling issues in Norway - ongoing projects
- 14.45-15.00 **Bruno Merven** (ERC, SA)
Using the MARKAL platform for the next Integrated Energy Plan (IEP 2) for South Africa – Modelling forced outages in TIMES.
- 15.00-15.15 **Erik Ahlgren** (Chalmers, SW)
Europe - South-east Asian Energy Modelling and Policy Analysis Project (ESMOPO)
- 15.15-15.30 **Vincenzo Cuomo** (IMAA/CNR, Potenza, Italy)
NEEDS
- 15.30-15.45 Coffee break

Session 3 *ETSAP tools enhancements*

Chairperson: **Socrates Kypreos** (Paul Scherrer Institute, Switzerland)

- 15.45-16.15 **Gary Goldstein, Ken Noble**
The MARKAL model generator
Recent ANSWER Enhancements:
Technology Items Filters and Rule-based Constraints
- 16.15-16.30 **Amit Kanudia** (KanORS), **Antti Lehtila** (VTT, Fin)
The TIMES model generator
The VEDA-FE/BE users' shell
- 16.30-16.45 **Richard Loulou** (KANLO)
Possible new TIMES enhancements
- 16.45 End of the ETSAP Regular Workshop

Saturday, July 1, 2006 (9.00 – 12.30)
ETSAP Executive Committee Meeting

(Restricted to the representatives of ETSAP Contracting Parties and invited experts)

Venue: Energy Research Centre (ERC) on the University of Cape Town main campus (see map)

Transport: A bus will pick up participants from the Sheraton Hotel at 8.30am

Draft Agenda and Annexes are circulated separately

