

2nd International Conference, Work Session and Advisory Board Meeting
– 22nd and 23rd of October 2009

Multi-Media Conference Room – National Technical University of Athens, Greece

Thursday, 22nd of October 2009

Work Session 2: Capability of the modelling tools for scenario analyses

OBJECTIVES:

According to the DoW, “Work Sessions are meetings where the WP leaders and other experts will discuss the proposal and adopt decisions with reference to the development of the program, assuring the integration among the activities of the involved WP”.

In this respect, Work Session 2 will be devoted to the discussion of the structure and potentialities of the modelling tools resulted from the activity of the WP 5, in order to define the scenario typologies to investigate.

Furthermore, at this stage of the project, several Deliverables and Technical Notes have been delivered or are near to delivery. Since several WPs and Tasks are linked and the progress of some depends on the conclusion of others, discussions and decisions will be efficient if the status and progress of each WP and Task is presented. All these reports will be used and summarised for the progress meeting with the Commission.

AGENDA

09h00	Registration	
09h15	Welcome address (<i>NTUA-EPU</i>)	(15')
09h30	Presentation of the objectives of the WS (<i>POLITO</i>) Technical Notes and Deliverables tickler	(15')

WS 2.1 The EU energy corridors: from data and GIS to the model (90')

9h45	The Data Base Template: state-of-the-art and improvement needed (<i>POLITO</i>)	(30')
10h15	The energy routes, the GIS representation and the spatial indicator sets (<i>RSA, POLITO</i>) Discussion and work plan assessment	(30')

11h15 Coffee Break

WS 2.2 Risks evaluation methodologies (105')

11h30	Risk and technologies: state of the art (<i>POLITO</i>)	(15')
11h45	Risk and availability: state of the art (<i>F-UNED, NTUA-EPU</i>)	(30')
12h15	Integrating risks in the models (<i>KANLO, ASATREM</i>)	(30')
12h45	Discussion	(30')

13h15 Lunch

WS 2.2 Structure and potentialities of the modelling tools (part 1) (135')

14h15	Introduction (<i>POLITO</i>)	(10')
14h25	Adaptation and recalibration of the Pan European TIMES model (<i>ASATREM, KANLO, POLITO, VTT</i>)	(30')
14h55	The RECOR model (<i>ASATREM, KANLO</i>)	(30')
15h25	Key drivers and scenarios (<i>ASATREM, KANLO</i>) (introductory remarks)	(30')
15h55	Discussion and work plan	(30')

16h25 Coffee break

WS 2.2 Structure and potentialities of the modelling tools (part 2) (90')

16h45	Adaptation and recalibration of the TIMES Integrated Assessment Model (<i>KANLO</i>)	(30')
17h15	Integration RECOR, PET, TIAM: state of the art (<i>ASATREM, KANLO, POLITO, VTT</i>)	(30')
17h45	Discussion and work plan	(30')

Friday, 23rd of October 2009

2nd International Conference and Advisory Board Meeting

Energy Corridors modelling and Related Scenarios

OBJECTIVES:

The 2nd International Conference will be devoted on the presentation of the energy corridors modelling processes and the definition and composition of the scenarios. Particular emphasis will be laid on the development of new energy “streams”, the implementation of new electricity supply schemes, the competition with major importing countries, the innovative energy transmission technologies and the reliability associated on corridors and regions. The active participation of public bodies and private companies belonging to energy suppliers regions will provide a realistic market view for the assessment of significant scenarios.

Advisory Board Meeting: Recent Economy and Technology Developments and their Impacts

A special sub-session will be also devoted to the Advisory Board to discuss and comment on the recent economic and technological developments, such as the economy after the crisis and its impact on the energy security of supply as well as the emerging opportunities for international cooperation with the emphasis on the renewable sources, smart grids etc.

AGENDA

- 9h00 Registration**
- 9h15 Welcome address** (POLITO, NTUA-EPU)
- 9h30 Invited Speakers** (90')
- Mariàngels Pérez Latorre (ESTELA), *“Solar Thermal Electricity: Solar power from Europe’s Sun Belt”*
 - Kostas Kanellopoulos (RAE), *“Role of RES in Security of Supply”*
 - Dimitrios Kanellopoulos, Anastassios Varthalis (PPC), *“Security of Supply in Greece and PPC’s role under the present economic turmoil”*
 - George Giannakidis (CRES), *“Least Cost Optimisation Modeling of the 2020 Renewable Energy and Environmental targets in EU27”*
 - Antonios Natsikas (DEPA), *“Technical Development of the IGI POSEIDON PROJECT”*
- 11h00 Coffee Break
- 11h30 The modelling processes - Part 1: the Energy Corridors** (30')
- 12h00 The modelling processes - Part 2: Risk and reliability evaluations** (30')
- 12h30 Advisories’ comments and suggestions** (30')
- 13h00 Lunch
- 14h00 The scenario story lines (drivers, demand projections, ...)** (30')
- 14h30 REACCESS Technical Presentation and Advisories’ comments and suggestions** (45')
- 15h15 Presentation of the REACCESS Dissemination Activities: Current Efforts and Next Steps** (30')
- 15h45 Coffee Break
- 16h00 Discussion**