

SUMMER 2022 SEMI-ANNUAL ETSAP MEETING

Program (as of 09 May 2022)

All times are CET

Dates: 23rd – 24th May 2022

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The workshop will be held as a hybrid event. The physical meeting will take place at:
R-building of the Fraunhofer Institute (address: Berliner Allee 30, 79110 Freiburg) on the 3rd floor
Room Number R-410.

For the online participation details will be shared before the workshop.

MONDAY 23RD MAY 2022 (09:00-13:00)
ETSAP Regular Workshop Day 1

MONDAY 23RD MAY 2022 (14:00-17:00)
ETSAP Executive Committee
(Participation restricted to ETSAP Delegates, officers, and invited experts)
Agenda and attachments are sent separately

TUESDAY 24TH MAY 2022 (09:00-17:00)
ETSAP Regular Workshop Day 2

30 MAY - 1 JUNE 2022, 14:00 - 19:00 CET
Online TIMES Training sessions (<https://iea-etsap.org/index.php/training>)

MONDAY 23RD MAY 2022**REGULAR ETSAP WORKSHOP****09:00 - 09:30 WELCOME**

Dr. Christoph Kost, Head of Group Energy Systems and Energy Economics
Energy System Analysis, Fraunhofer ISE.
Prof. B. O'Galachoir, Chair ETSAP Executive Committee

09:30-11:00 SESSION 1: DECARBONISATION

Chair: Kari Espegren

Representing Industrial decarbonization Options in TIMES Belgium model

Dr. Partha Das, VITO NV (The Flemish institute for technological research), Belgium.

China's low-carbon transition of transportation towards carbon neutrality

Mr. Hongbo Duan, University of Chinese Academy of Sciences

Net-zero Transition by 2050: theory vs. practice?

Mr. Mario Tot, IAEA.

11:00-11:30 COFFEE BREAK**11:30-13:00 SESSION 2: EMISSIONS CONTINUED AND RES-ELECTRICITY**

Chair: TBC

Negative emissions via (bio)plastics - impacts on pathways to net-zero/negative emissions in Sweden

Mr. Erik Sandberg, Luleå University of Technology, Sweden.

Reproducing the evolution of import and export electricity price curves in Belgium, in the framework of a European power market

Mr. Andrea Moglianesi, VITO NV (The Flemish institute for technological research), Belgium

Assessing the impact and representativeness of Dunkelflaute events in long term energy system planning in TIMES Belgium model.

Mr. Juan Correa, VITO NV (The Flemish institute for technological research), Belgium.

13:00-14:00 LUNCH**14:00-17:00 EXECUTIVE COMMITTEE MEETING****TUESDAY 24TH MAY 2022****REGULAR ETSAP WORKSHOP****9:00-11:00 SESSION 3: METHODOLOGICAL ISSUES**

Chair: Pieter Lodewijks

How higher spatial resolution impacts energy systems analysis: Evidence from multi-region TIMES-Ireland model

Mr. Vahid Aryanpur, University College Cork, Ireland.

Evaluating retrospective performance of energy system models in 31 European countries

Dr. Xin Wen, University of Geneva, Switzerland.

Soft-linking of the TIMES-Italy model to a power and gas system model

Ms. Laura Tagliabue, RSE, Italy.

The impact of including ancillary markets in the Norwegian energy system model

Dr. Pernille Seljom, IFE, Norway

11:00-11:30 COFFEE BREAK**11:30 - 12:30 SESSION 4: ETSAP-TIAM**

Chair: G. Giannakidis

Discussion on the update of the model and next steps.

12:30-13:30 LUNCH

13:30-15:30 SESSION 5: EMISSION REDUCTION TARGETS I

Chair: Maria Gaeta

Analysing the decarbonization pathways of energy systems of two contrasting EU islands under flexibility issues

Ms. Sophie Chlela, Centre de Mathématiques Appliquées, Mines Paris, PSL University

How to Achieve Emission Targets with Less Impacts on Economy: Implications from Taiwan

Dr. Yi-Hua Wu, Industrial Technology Research Institute, Taiwan

Accelerating emission reduction in Israel: Carbon pricing vs. policy standards

Dr. Ruslana R Palatnik, Yezreel Valley Academic College, Israel.

Synthetic fuels in TIMES models – a review and recommendations

Mr. Chris (Seokyoung) Kim, University College London, UK.

15:30-16:00 COFFEE BREAK

16:00-17:00 SESSION 6: EMISSION REDUCTION TARGETS II

Chair: David Daniels

What does a net-zero emission goal imply for the Swiss transportation sector?

Dr Kannan Ramachandran, Paul Scherrer Institutes, Switzerland.

Optimal allocation of the EU carbon budget

Mr. Drin Marmullaku, IER University of Stuttgart