

## SUMMER 2022 SEMI-ANNUAL ETSAP MEETING

Program (as of 18 May 2022)

**All times are CET**

Dates: 23<sup>rd</sup> – 24<sup>th</sup> 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.

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**MONDAY 23<sup>RD</sup> MAY 2022 (09:00-13:00)**  
**ETSAP Regular Workshop Day 1**

**MONDAY 23<sup>RD</sup> 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 24<sup>TH</sup> MAY 2022 (09:00-17:15)**  
**ETSAP Regular Workshop Day 2**

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

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**MONDAY 23<sup>RD</sup> 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: Evangelos Panos**

**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 24<sup>TH</sup> 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.

**15:30-15:45** COFFEE BREAK

**15:45-17:15** 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

**Carbon neutral Finland 2035 - impact assessments of national policies and measures**

Ms. Tiina Koljonen, VTT Finland.