

AGENDA

Accelerating the transition towards sustainable transport

Monday, 14th May 2018, 13hrs

Venue: CEPS, Place du Congrès 1, 1000 Brussels

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Please note that participation in this Event is free of charge but **requires registration:**
→ **Please visit** <https://www.ceps.eu/civicrm/event/info?id=1356&reset=1>

As opposed to other energy sectors, final energy consumption of the European transport sector has continuously increased over the last decade. Despite having a very innovative transport industry investing a lot in research and development with policies designed to foster the shift towards energy efficient and renewable energy carriers, the transport sector is still strongly based on fossil fuels. With this in mind, the SET-Nav consortium aims to answer the question: what measures can be put in place to accelerate the transition of the transport sector towards a low-carbon system that can additionally provide further flexibility option with regards to the energy sector?

The SET-Nav (www.set-nav.eu) project has the overarching goal of supporting strategic decision making in Europe's energy sector, enhancing innovation towards a clean, secure and efficient energy system, financed by the European Commission's EU Horizon 2020 programme. Several bottom-up case studies are assessed as part of the project, defined to deal with definitive policy related questions of technology development in specific fields and this workshop will present results from the case study on ways to a cleaner and smarter transport sector.

13:00 - 14:00	REGISTRATION & LIGHT LUNCH
14:00 - 14:35	SESSION I: INTRODUCTION AND KEYNOTE SPEECH
14:00 - 14:05	Welcome by Eleanor Drabik , Researcher, CEPS
14:05 - 14:10	Overview of the SET-Nav project by Marijke Welisch , Researcher, TU Wien
14:10 - 14:20	Keynote speech by Robert Missen , Head of Unit, DG MOVE, European Commission
14.20 - 14.35	Q&A
14:35 – 16:30	SESSION II: WAYS TO A CLEANER AND SMARTER TRANSPORT SECTOR
	Chair: Christian Egenhofer , Head of Energy & Climate Change, CEPS
14.35 - 14.50	Presentation of the modelling results on the ways to a cleaner and smarter transport sector: Stephanie Heitel , Scientific Associate, Fraunhofer ISI
14.50 – 15:20	Comments by: <ul style="list-style-type: none"> • Patrik Akerman, Head of eHighway Business Developer, Siemens • Jorgo Chatzimarkakis, Secretary General, Hydrogen Europe • Marie-France Van der Valk, Head of Renault-Nissan Alliance representation office in Brussels
15:20 - 16:25	Open discussion and Q&A
16:25 - 16.30	Concluding remarks by chair
16:30	END OF THE WORKSHOP



SET-Nav at a glance

SET-Nav will support **strategic decision making** in Europe's energy sector, enhancing innovation towards a **clean, secure** and **efficient energy system**. Our research will enable the EC, national governments and regulators to facilitate the development of optimal technology portfolios by market actors. We will comprehensively address critical uncertainties and derive appropriate policy and market responses. Our findings will support the further development of the SET-Plan and its implementation by continuous stakeholder involvement.

These contributions of the SET-Nav project rest on three pillars:

The wide range of objectives and analytical challenges set out by the call for proposals can only be met by developing a broad and technically-advanced **modelling portfolio**. Advancing this portfolio and enabling knowledge exchange via a modelling forum is our first pillar.

The EU's energy, innovation and climate challenges define the direction of a future EU energy system, but

the specific **technology pathways** are policy sensitive and need careful comparative evaluation. This is our second pillar. Using our strengthened **modelling capabilities** in an integrated modelling hierarchy, we will analyse multiple dimensions of impact of future pathways: **sustainability, reliability** and **supply security, global competitiveness** and **efficiency**. This analysis will combine bottom-up 'case studies' linked to the full range of SET-Plan themes with holistic 'transformation pathways'.

Stakeholder dialogue and **dissemination** is the third pillar of SET-Nav. We have prepared for a lively stakeholder dialogue through a series of events on critical SET-Plan themes. The **active involvement** of stakeholders in a two-way feedback process will provide a reality check on our modelling assumptions and approaches, and ensure high policy relevance. Our aim is to ensure policy and market actors alike can navigate effectively through the diverse options available on energy innovation and system transformation.

SET-Nav partners

No	Participant Name	Country Code
1	Vienna University of Technology, Energy Economics Group (<i>TU Wien</i>)	AT
2	Fraunhofer-Institut für System- und Innovationsforschung (<i>Fraunhofer</i>)	DE
3	Deutsches Institut für Wirtschaftsforschung (<i>DIW Berlin</i>)	DE
4	Norges teknisk-naturvitenskapelige universitet i Trondheim (<i>NTNU</i>)	NO
5	Stiftelsen for industriell og teknisk forskning ved NTH (<i>Sintef</i>)	NO
6	Société Européenne d'ECONomie (<i>Seureco</i>)	FR
7	Universidad Pontificia Comillas (<i>Comillas</i>)	ES
8	National Technical University of Athens (<i>NTUA</i>)	GR
9	Regional Center for Energy Policy Research (<i>REKK</i>)	HU
10	Centre for European Policy Studies (<i>CEPS</i>)	BE
11	University of East Anglia (<i>UEA</i>)	UK
12	Eidgenössische Technische Hochschule Zürich (<i>ETH</i>)	CH
13	Axpo Services AG (<i>Axpo</i>)	CH
14	International Institute for Applied Systems Analysis (<i>IIASA</i>)	AT
15	M-Five GmbH Mobility, Futures, Innovation, Economics (<i>M-Five</i>)	DE