

AGENDA

SET-Nav Regional Workshop in Budapest

Tuesday, **26 February 2019, 9:00 – 15:30**

Venue: Budapest Music Center

[1093 Budapest Mátyás utca 8](#)

Email: peter.kotek@rekk.hu

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.

The project aims to enable the European Commission, national governments and regulators to facilitate the development of optimal technology portfolios by market actors. It will comprehensively address critical uncertainties and derive appropriate policy and market responses. The findings will support the further development of the Strategic Energy Technology Plan (SET-Plan) and its implementation by continuous stakeholder involvement.

The contribution of the SET-Nav project rests on three pillars:

1. Expanding the technically-advanced modelling portfolio and enabling knowledge exchange via a modelling forum.
2. The careful comparative evaluation of the impact of multiple future technology pathways that are policy sensitive.
3. The development of stakeholder dialogue and dissemination to ensure policy and market actors alike can navigate effectively through the diverse options available on energy innovation and system transformation.

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Preliminary presentation of Pathways analysis

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9:00 – 9:30	WELCOME COFFEE AND REGISTRATION
9:30 – 9:40	Welcome and description of the SET-NAV project <i>Gustav Resch (TU Wien)</i>
9:40 – 10:00	Pathways definition and main results <i>Pedro Crespo del Granado (NTNU)</i>
10:00 - 10:40	BUILDING SECTOR DECARBONISATION Chair: Zsuzsanna Pató (RAP)
10:00 - 10:15	Pathways analysis results for the building sector <i>Michael Hartner (TU Wien)</i>
10:15 - 10:40	Discussion and comments from stakeholders <i>Ágnes Kelemen (Klimapolitika)</i> <i>Gabriella Szalai (Hungarian Energy Efficiency Institute)</i> <i>József Feiler (ECF)</i>
10:40 – 10:55	COFFEE BREAK
10:55 - 11:35	TRANSPORT SECTOR DECARBONISATION Chair: András Vékony (REKK)
10:55 - 11:10	Pathways analysis results for the transport sector <i>Stephanie Heitel (Fraunhofer ISI)</i>
11:10 - 11:35	Discussion and comments from stakeholders <i>Balázs Fejes (BKK)</i> <i>Zsolt Berki (Főmterv)</i>
11:35 - 12:15	INDUSTRY SECTOR RESULTS DECARBONISATION Chair: Balázs Felsmann (REKK)
11:35 - 11:50	Pathways analysis results for the industry sector <i>Andrea Herbst (Fraunhofer ISI)</i>
11:50 - 12:15	Discussion and comments from stakeholders <i>Zoltán Nagy (IEF, Organisation of Industrial Energy Consumers, Hungary)</i> <i>Gergely Jancsár (MOL)</i>

12:15 – 13:15	LUNCH BREAK
13:15 – 14:00	POWER AND HEATING SECTOR RESULTS Chair: László Szabó (REKK)
13:15-13:30	Pathways analysis results for the power and heat sector <i>Frank Sensfuß (Fraunhofer ISI)</i>
13:30-14:00	Discussion and comments from stakeholders <i>Ferenc Frankó, dr. (MVM)</i> <i>Péter Horváth (MET)</i> <i>Dóra Fazekas (Cambridge Econometrics Hungary)</i>
14:00 – 15:00	ELECTRICITY AND GAS NETWORK DEVELOPMENT Chair: Dr. Gábor Szörényi
14:00-14:15	Pathways analysis results for the electricity network development <i>Sara Lumberras (Comillas)</i>
14:15-14:30	Pathways analysis results for the gas network development <i>Péter Kotek (REKK)</i>
14:30-15:00	Discussion and comments from stakeholders <i>László Miklós (FGSZ)</i> <i>László Szabó (REKK)</i>
15:00 – 15:15	WRAP-UP AND POLICY TAKEAWAYS <i>Gustav Resch (TU Wien)</i>

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 ISI</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 SINTEF (<i>SINTEF</i>)	NO
6	Société Européenne d'Économie (<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