

*Navigating the Roadmap for Clean, Secure  
and Efficient Energy Innovation*



# SET-Nav Modelling Forum

*Welcome talk*

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# SET-NAV AT A GLANCE

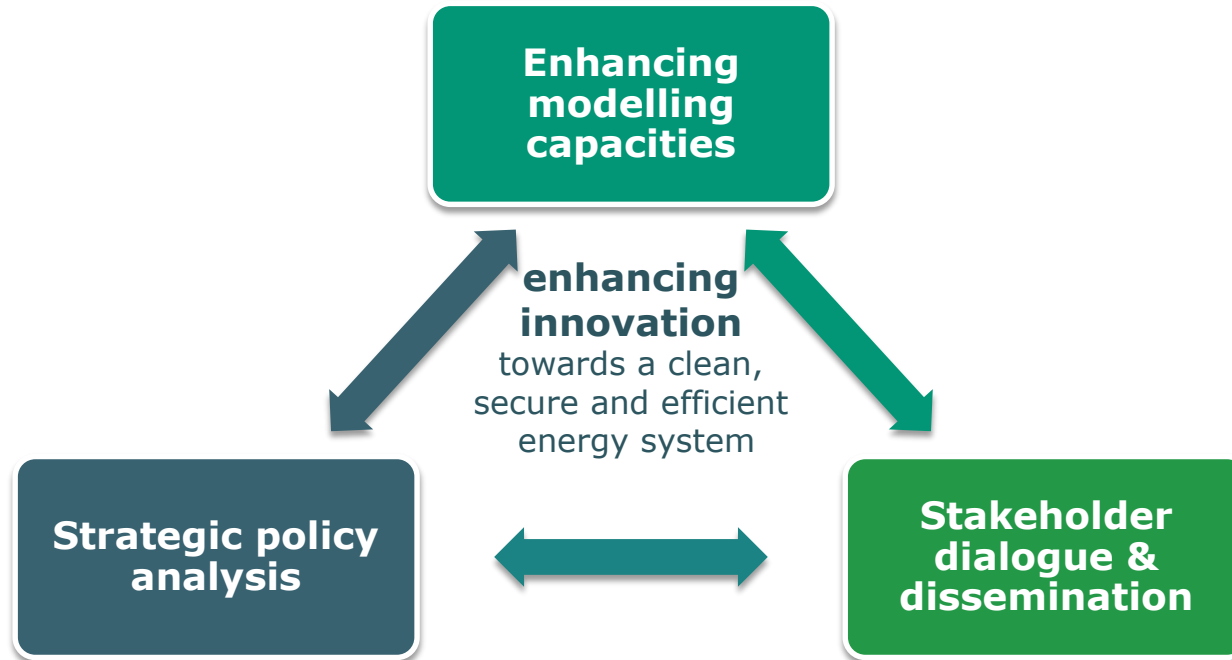


- **Title:** Navigating the Roadmap for Clean, Secure and Efficient Energy Innovation
- **Support:** Horizon 2020 programme of the European Commission
- **Coordinator:** Technische Universität Wien, Energy Economics Group (TU WIEN)
- **Aim:** Supporting strategic decision making in Europe's energy sector



SET-Nav expertise:  
16 partners

# THE THREE SET-NAV PILLARS



- Enhance modelling capacities to increase understanding of interactions and interdependencies between actors, technologies and policy interventions in Europe's energy system
- Combining theory of technology innovation, diffusion & spill-overs with large-scale numerical energy-economy-engineering models.

# THE MODELLING FORUM

- SET-Nav aims at pushing the **state-of-the-art** of energy-economic-engineering modelling.
- Various **different approaches** are present in the project consortium.
- The SET-Nav **Modelling Forum** is a series of workshops on selected current issues in modelling, with the following aims:

Development  
of holistic  
models

Overcome  
modelling  
limitations

Studying best-  
practice  
examples

Transparency and  
openness in applied  
modelling (H2020 goal)

Open platform  
for exchange

# OUR PROGRAM



**Top-Down Bottom-Up Hybrid Modeling**

*November 2016 (past)  
NTNU Trondheim*



**Modelling of Risk & Uncertainty in Energy Systems**

**March 2017 (now)  
ETH Zurich**



**Aggregating load profiles**

September 2017  
TU Vienna



**Upcoming network challenges**

March 2018  
Comillas University



**Two-stage decision making and modelling for energy markets**

October 2018  
DIW Berlin

# GET INVOLVED!

There are many ways how to get involved in the SET-Nav Modelling Forum:

## Participation

- Each of the modelling workshops is free to join for everyone!

## Presentation

- Do you have something to present on any of the topics?  
Check with the organisers, and maybe it fits right into the agenda!

## Discussion papers

- Do not miss the opportunity to publish in our Modelling Forum discussion paper series!

Feel always free to contact DIW or the hosting institution for more information!

# Thank you!

## WP Lead

**Dr. Franziska Holz**

*DIW Berlin*

*Dept. Energy, Transportation, Environment  
Section "Resource and Environmental Markets"*

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