



## Joint Activity Scenarios & Modeling (JASM)

# 1<sup>st</sup> National scenario benchmarking workshop

17 Jan 2019, ETH Zurich, ML E12, Tannenstrasse 3, 8006 Zurich

The Joint Activity Scenarios and Modeling (JASM) brings together modelling teams from all eight Swiss Competence Centers for Energy Research to generate and analyse scenarios for the future Swiss energy system. JASM exploits and combines the capabilities of the different models to analyse the objectives of the Swiss Energy strategy: to reduce GHG emissions while phasing-out nuclear power plants. We aim at an improved understanding of future configurations of the energy system that allow to reach near-zero emissions in 2050, the transitional measures required to get there (e.g. policies and technologies), and the impact on economy and society.

The scope of the workshop is to present and discuss first results of the overarching scenarios with the research community and representatives from industry and politics, and to get valuable feedback to shape the second half of the JASM project.

<b>10:00</b>	<b>Registration and coffee</b>	
10:15	Welcome	Domenico Giardini (ETHZ)
10:20	Energy Strategy 2050: Perspectives and Policies	Anne-Kathrin Faust (SFOE)
10:40	Joint Activity Scenarios & Modelling: Approach and first	The JASM team
<b>12:00</b>	<b>Lunch</b>	
13:30	Seasonal Heat Storage: the Underestimated Pillar of our Future Energy System	Stefan Brändle (Amstein + Walthert AG)
13:50	Alpiq - Energy with a future	Olivier Chène (Alpiq)
14:10	Integrated Energy System Modelling (Nexus) - Need for scenario inputs and data	Christian Schaffner (ESC)
14:30	National and Local Pathways of the Energy Transition	Ndaona Chokani (ETHZ)
14:50	Heat scenarios in Geneva by 2035: which role can geothermal energy play?	Loic Quiquerez (SIG)
15:10	Seeing beyond total system cost: Welfare effects of technology-based climate policies in liberalized electricity	Frank Vöhringer (econability)
15:30	Panel discussion: How can scenario modelling support the energy transition?	T. Kober, A.-K. Faust, O. Chène, Ch. Schaffner, N. Chokani, F. Vöhringer, D. Giardini, L. Quiquerez
<b>17:00</b>	<b>End of meeting &amp; Aperó</b>	

The workshop will feature a full day of technical presentations concluded by a round table discussion and an Aperó. Please register via our webpage [www.sccer-jasm.ch](http://www.sccer-jasm.ch)