

## Innovative power-to-methane technologies for the energy transition

The Horizon 2020 project STORE&GO is coming to an end of the four-year project. Project partners will present their main findings during the concluding scientific conference. Investigated fields cover, amongst others: experiences from operation, assessment of technology development, life-cycle analysis, PtG impact on e-grids and gas grids, market and regulation aspects, and a geographical potential analysis for PtG.

### Project website

[www.storeandgo.info](http://www.storeandgo.info)

### Venue

Karlsruhe Institute of Technology (KIT)  
Karlsruhe, Germany  
Building 40.50

### Online Registration:

<http://ceb.ebi.kit.edu/english/2527.php>

### How to find the way:

<http://u.osmfr.org/m/405363/>

### Accommodation

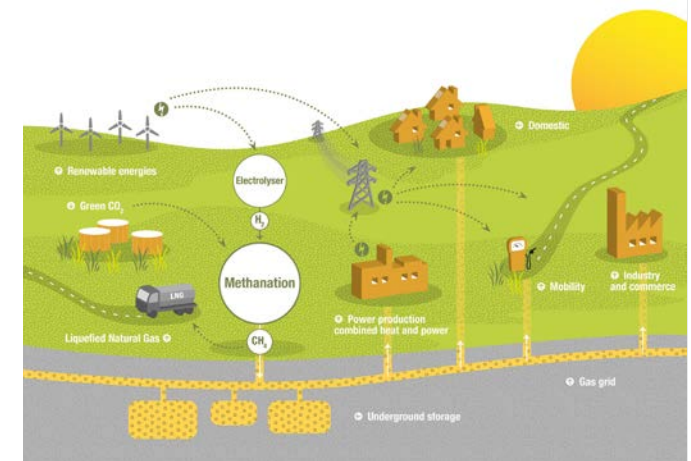
There is an allocation of rooms reserved at Achat Plaza Hotel with the code „STORE&GO“.

### Contact

Dr. Simon Verleger  
DVGW Research Center  
at Engler-Bunte-Institute  
of Karlsruhe Institute of Technology (KIT)  
[verleger@dvgw-ebi.de](mailto:verleger@dvgw-ebi.de)

STORE&GO

## Final Conference 17–18 February 2020 Karlsruhe



# Conference Programme

## Day 1: 17 February 2020

**12:00 Registration and snacks**

**13:00 Welcome**

**13:30 STORE&GO: Investigating power-to-gas on EU level**

**14:00 Three examples for PtG real-life demonstration**

- Falkenhagen
- Solothurn
- Troia

**15:00 State-of-the-art PtG technologies**

- Honeycomb methanation
- Biological methanation
- Microreactor methanation
- Liquefaction of renewable gas
- Direct air capture

*Poster session and coffee*

**16:30 Technology assessment**

- Operational experiences
- Future technological perspectives
- Expectations on costs

**18:00 Networking dinner**

## Day 2: 18 February 2020

**09:00 Integration of PtG in the energy system**

- Benefits of PtG for the electricity system
- Integrating PtG into gas grids

**10:00 Relevance of PtG for Europe**

- Energy system simulations
- Cost-benefit analysis
- Suitable locations for PtG in the EU
- PtG analysis via hardware-in-the-loop

*Poster session and coffee*

**11:30 The societal impact of PtG**

- Life-cycle analysis
- Social acceptance
- Increasing public awareness for PtG
- STORE&GO training courses

*Poster session and lunch*

**13:00 The societal impact of PtG**

- Legal and regulatory framework
- Business cases for PtG
- The STORE&GO PtG roadmap

**14:00 Closing remarks**



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