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

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/

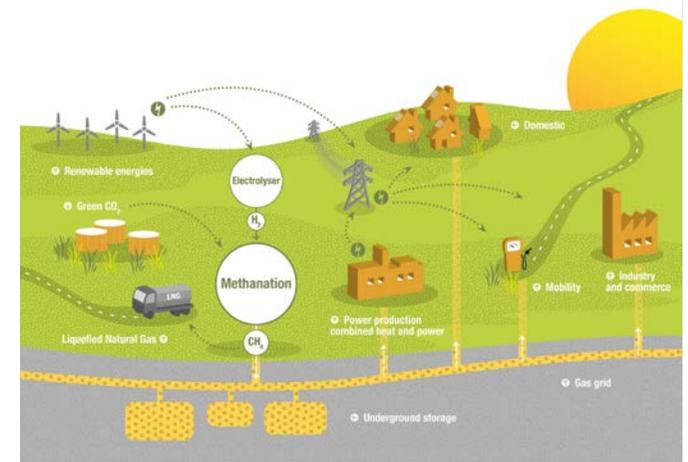**Contact**
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STORE&GO

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