

# Geothermal Get Together

**Phil Vardon**

*Geoscience and Engineering  
Theme leader Geothermal Energy*

# Agenda

- 15.30 - 15.40 : Welcome / Introduction  
**Phil Vardon, TU Delft**
- 15.40 - 16.00 : HT-ATES at the TU Delft, feasibility of a promising technology for the future heat system  
**Marc Pijnenborg, ENGIE**
- 16.00 - 16.20 : HT-ATES, a hot topic for deep research  
**Martin Bloemendal, KWR/TU Delft**
- 16.20 - 16.40 : Underground Thermal Energy Storage:  
challenges and opportunities in Europe based on the HEATSTORE project  
**Luca Guglielmetti, University of Geneva**
- 16.10 - 16.20 : Questions and closing

# EAGE 82<sup>nd</sup> conference in Amsterdam

Geothermal Workshop: from exploration to  
production in a low-enthalpy environment

14<sup>th</sup> June

- Programme online (can register for workshop and/or conference)
- Poster and abstract submissions 15<sup>th</sup> January 2021

<https://eage.eventsair.com/eageannual2021/workshop-5>

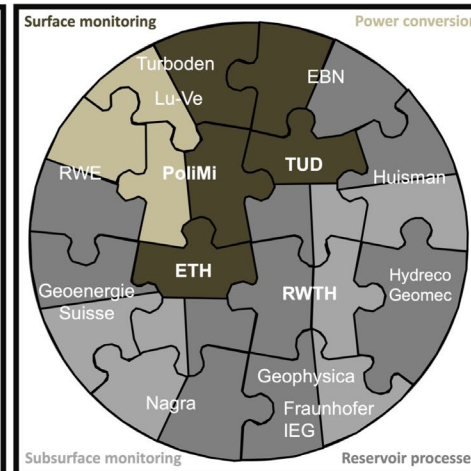
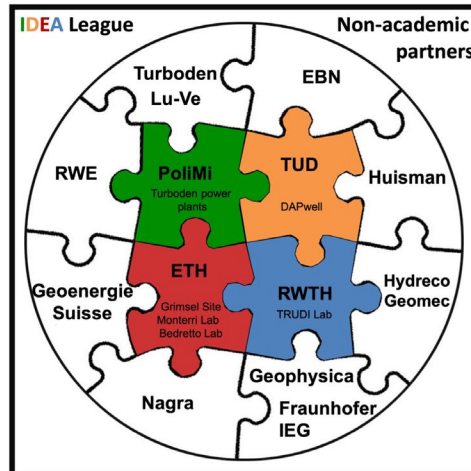
# EASYGO – European Innovative Training Network ITN Project

## Efficiency and Safety in Geothermal Operations

- Innovative Training Network
- European Joint Degrees (intended)
- 14 partners (4 academic + 10 industry)
- 13 PhD-Projects
- Led by Maren Brehme
- Project official started / recruitment ongoing



# IDEA League



# Best geothermal MSc Thesis Award 2020

## **Committee**

Maren Brehme, Bill Rossen, Koenraad Elewaut, Duco Drenth, David Bruhn

## **Sponsorship**

TU Delft Mining Alumni

# Best geothermal MSc Thesis Award 2020

	Thesis title	Nomination by
<b>Esmée de Bruijn</b>	The Sustainability of Geothermal Energy: Under what conditions is a geothermal system used sustainably?	Femke Vossepoele
<b>Rogier Duijff</b>	Interaction between multiple ATES systems: Analysis of thermal and geohydrologic performance	Martin Bloemendaal
<b>Jon Kortram</b>	An experimental investigation of the effects of corrosion inhibitor on the mechanical properties of reservoir rock	Anne Pluymakers
<b>Wouter Rocchi</b>	Improving identification of HT-ATES performance drivers and -barriers	Phil Vardon
<b>Caroline Zaal</b>	Geothermal Field Development Strategies Based on Economic and Fault Stability Analysis	Femke Vossepoele

Evaluation Committee 2020: Maren Brehme, Bill Rossen, Koenraad Elewaut, Duco Drenth, David Bruhn

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<b>Caroline Zaal</b>	<b>Geothermal Field Development Strategies Based on Economic and Fault Stability Analysis</b>	<b>Femke Vossepoel</b>

# Best geothermal MSc Thesis Award 2020

## Winner

### Caroline Zaal

‘Geothermal Field Development Strategies  
Based on Economic and Fault Stability Analysis’

Committee:

Dr. F. Vossepoel, supervisor

Dr. Alexandros Daniilidis, co-supervisor

Dr. A. Correljé

Prof. Dr. D. F. Bruhn





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**Phil Vardon**

**Associate Professor  
Geoscience and Engineering TU Delft**

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