

## **Geothermal Innovation Days 2025**

**Strasbourg, France**

### *Agenda*

#### Wednesday, December 3, 2025

**Venue:** Amphitheater Alain Beretz at Strasbourg University, (Building of the Presidency - 20A Rue René Descartes, 67000 Strasbourg)

- **8:30 – 9:15** Registration
  
- **9:15 – 9:45 | Introductory session**
  - *Welcome by Luca Xodo (ETIP Geothermal Chair)*
  - *Research in geosciences for the energy transition - Jean Schmittbuhl (University Strasbourg – EOST)*
  - *2025 innovation trends report - Philippe Dumas (EGEC)*
  
- **9:45 – 10:05 | Funding R&I session**
  - *EU Climate and Energy Agency’s Innovation Fund opportunities - Ugo Miretti (CINEA)*
  
- **10:05 - 11:00 | Session 1: Mineral extraction**
  - *Moderator: Luca Xodo (STEAM & ETIP Geothermal Chair)*
  - *Vulcan energy: speaker tbc*
  - *Geolith: Thibault de Saint-Vaulry*
  
- **11:00 – 11:30** Coffee Break
  
- **11:30 – 13:00 | Session 2: next generation geothermal technologies**
  - *Moderator: Jan-Diederik van Wees (TNO & ETIP Geothermal vice-chair)*
  - *The Gemini Turbine: A Breakthrough in Radial Outflow Technology for Large-Scale, Next-Generation Geothermal Power – Giacomo Menghetti (Exergy)*

- *Innovative Integrated Physics-Based Methods for Geothermal Resource Development – Theo Renaud (University of Auckland)*
- *Debate: EGS & AGS developments in Europe: overcoming technological challenges*
  
- **13:00 – 13:45** Lunch
  
- **13:45 – 14:15** Matchmaking session on Horizon Europe, LIFE and Innovation Fund calls
  
- **14:30 – 16:00 | Session 3 – innovations in drilling technologies**
  - *Moderator: tbc*
  - *Surface Tree and Wellhead Solutions for Deep Geothermal Applications – James Grubham (SLB)*
  - *No Compromises: Launching a wellbore integrity technology designed exclusively for geothermal wells – Reza Khastoo (Scientific Drilling International)*
  - *RESULT: Enhancing REServoirs in Urban developmen - Jan-Diederik van Wees (TNO)*
  - *ORCHYD Continues to Live On: Learnings, Inspirations and Next Steps – Naveen Velmurugan (Mines Paris - PSL University)*
  
- **16:00 – 16:30** Coffee break
  
- **16:30 – 18:00 | Session 4– results from R&I projects**

*Moderator: tbc*

  - *Lifetime and efficiency increase of downhole production systems (ESP and LSP) in deep geothermal systems (project ANTLIA) - Volker Witting (Fraunhofer IEG)*
  - *Greening and monitoring inhibitors to ensure geothermal wells and water systems durability– Michael Soll (Aquaprox)*
  - *Modelling the thermal response of aquifers in Spain for ATES systems purposes – Adela Ramos Escudero (TU Delft)*
  - *High Efficient UNIQUE Fans – Sinan Ozcelikay (Axial Fans International Srl)*
  - *Innovative business models - Erwandi Yanto (PT Pertamina Geothermal Energy Tbk)*
  - *A smart geothermal energy storage for the tomorrow's electrical grids – Antoine Jeannou (Pluton DG)*
  
- **19:30 – 21:00** Networking Dinner

Thursday, December 4, 2025

**8:00 – 12:30** Site Visit to Insheim geothermal power plant (Vulcan Energy)

**Schedule**

08:00 – Departure from Strasbourg to Insheim

09:00 Arrival in Insheim

09:15 – 10:30 – Guided tour and presentation group 1 & group 2

10:30 – 11:15 – Coffee and farewell

11:15 Departure back to Strasbourg

12:30 Arrival in Strasbourg

**12:30 – 15:30** Site Visit to a factory (tentative)

**Schedule**

12:30 – 13:00 – Light lunch

13:00 – 15:00 - Guided tour and presentation group 1 & group 2

15:30 Arrival in Strasbourg