



GEO THERM-FORA Deliverable D7.5

ETIP Geothermal Newsletter

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1 ETIP geothermal Newsletters

During the project duration from 01/09/2022 to 31/08/2025, 9 newsletters have been released by the ETIP Geothermal. More e-news have been released targeting notably events announcement.

The newsletters are sent by email to all ETIP geothermal members. The detailed presentation of the audience can be found in the deliverable 3.4 and its update in 3.7 presenting the database of ETIP geothermal members.

Newsletters:

- 04/07/2025 – [ETIP G Newsletter](#) – July 2025
- 12/05/2025 – [ETIP G Newsletter](#) – May 2025
- 13/12/2024 – [ETIP G Newsletter](#) – December 2024
- 13/11/2024 – [ETIP G Newsletter](#) – November 2024
- 03/04/2024 – [ETIP G Newsletter](#) – April 2024
- 27/02/2024 – [ETIP G Newsletter](#) – February 2024
- 30/10/2023 – [ETIP G Newsletter](#) – October 2023
- 02/02/2023 – [ETIP DG Newsletter](#) – February 2023
- 16/12/2022 – [ETIP DG Newsletter](#) – December 2022

Example of e-news:

- ETIP- GEOTHERMAL VISION FOR GEOTHERMAL IS NOW LIVE! (17 SEPTEMBER 2024)
[HTTPS://ETIP-GEOTHERMAL.EU/MEDIA/PRESS-RELEASE-GEOTHERMAL-HORIZONS-FROM-CITIES-TO-REGIONS-IS-NOW-LIVE/](https://etip-geothermal.eu/media/press-release-geothermal-horizons-from-cities-to-regions-is-now-live/)

2 [ETIP G Newsletter](#) – July 2025

04/07/2025 –

WEBINAR: EU Funding Opportunities for Geothermal Research & Innovation Projects



EGEC and ETIP Geothermal members an exclusive Live Webinar on **EU Funding Opportunities for Geothermal Research & Innovation Projects**, 4 July 2025 at 11:00 am CEST. **Webinar Programme** 11:00 – 12:00

- Welcome: **Luca Xodo**, Chair ETIP Geothermal
- Introduction to EU funding opportunities: **Philippe Dumas**, EGECE
- **Horizon Europe programme**: WP 2025 open calls – **Philippe Dumas**, EGECE
- **Horizon Europe programme**: WP 2026-27 Clean Industrial deal forthcoming calls – **Giulia Cittadini**, EGECE
- **Clean Energy Transition Partnerships (CETP)** open calls, *tbc*
- **Innovation Fund calls IF24 & upcoming IF25** – **Emil Martini**, EGECE
- **LIFE & other EU funding programs**: open calls, **Sanjeev Kumar**, EGECE
- Conclusions: **Luca Xodo**, Chair ETIP Geothermal

12:00 – 12:30 Parallel rooms:

- **How to draft a good proposal**: exchange of best practices (Greetgeo) – moderator: Philippe Dumas, EGECE
- **Calls 2025** – moderator: Leonie Kuhlmann, EGECE
- **Future calls** – moderator: Giulia Cittadini, EGECE
- [View the presentations on Horizon Europe, the Innovation Fund, LIFE, and other funding opportunities here.](#)
- [View the presentation on CETP open calls here.](#)

3 [ETIP G Newsletter](#) – May 2025

12/05/2025 –

ETIP geothermal Social Science & Humanities web-meeting



Agenda:

14:00 Welcome and presentation of ETIP SSH – **Katrin Kieling**

14:10 Socio-environmental conditions for the implementation of geoDHC networks in Europe – **Alessandro Sciallo**

14:25 Engaging Schools and Communities in Geothermal Monitoring – Case Studies from the DeepStor Research Infrastructure – **Jerome Azzola and Judith Bremer**

14:40:00 Q&A

14:55 Final remarks – **Katrin Kieling**

[Register now!](#)

4 [ETIP G Newsletter](#) – December 2024

13/12/2024 –



Events in 2024



- **Geothermal Innovation Days: slides and photos are now available!**

This event, organised by ETIP-Geothermal, spotlighted the latest advancements in geothermal technology, with a focus on driving innovation to market, exploring funding opportunities for research and innovation, and examining breakthroughs in geothermal technologies such as drilling and exploration techniques. The conference concluded with insights into cutting-edge technologies and a site visit to the Eavor-Loop™ in Geretsried facility

(Germany). Thank you to all the participants—your involvement made this a resounding success!

Check out all the presentations!

Check out all the photos!

ETIP-Geothermal Highlights

- **New Working Group on Social Sciences and Humanities (SSH)**

On 5 November, ETIP Geothermal launched the new Working Group on Social Sciences and Humanities (SSH). As the sector recognises the importance of SSH in increasing the share of geothermal technologies, the SSH WG has been set up to commonly identify research gaps and streamline efforts to implement research agendas. During the kick-off web meeting, Adele Manzella (CNR-IGG, Italy), Melanie Rohse (Anglia Ruskin University, UK) and Amel Barich (GEORG, Iceland) provided short insights into their current work.

- **New web meetings coming soon**

We are excited to announce that we will organise another series of web meetings early next year, where the results of the **ongoing projects** will be presented. We will share more details about the meeting closer to the date. Please reach out to g.cittadini@egec.org if you want to present your results and activities at the next web meetings!

• Discover all the ETIP Publications launched in 2024

As 2024 comes to an end, we are excited to share a roundup of some the insightful publications launched this year by ETIP-Geothermal:

- [New Geotherm FORA Report on Major Technological Trends](#)
- [Report on major market trends](#)
- [Geothermal Horizons: from cities to regions is now live](#)

Discover all the publications [here](#)!

• EGEC Calendar

Explore the EGEC calendar, an open resource, to discover the latest geothermal and energy-related events.

[More information.](#)

• ETIP-Geothermal News

- During the month of November, ETIP Geothermal organised a series of web meetings to welcome new members joining its Working Groups (WG) and provide an update on technological innovations

On this occasion, the new WG on Social Sciences and Humanities was launched to commonly identify research gaps and streamline efforts to implement research agendas. At the kick-off web meeting, Adele Manzella (CNR-IGG, Italy), Melanie Rohse (Anglia Ruskin University, UK) and Amel Barich (GEORG,

Iceland) provided short insights into their current work. During each web meeting, the recently published reports on Technological trends and Market trends were presented, as well as, some key findings relevant to each WG's topics.

WG 1 Geo Resource Assessment:

- **Fiber optic sensors** are increasingly used in geoscientific and geotechnical applications for continuous spatial and temporal monitoring of technical systems and facilities.
- **Soil gas Surveys:** Diffuse degassing monitoring is a valuable tool in geothermal exploration, enabling rapid, large-area surveys that support fault study, volcanic structure detection, and geothermal system monitoring, with advancements expected to further enhance survey speed and coverage for identifying potential drilling sites.
- **Urban seismic geothermal exploration:** Urgent project develops sustainable, low-impact seismic exploration solutions.
- **Forward modelling method** for more accurate pre-drilling predictions of geothermal reservoir properties: Forward modelling methods (SFM, DFM, FFM) adapted from hydrocarbon to geothermal exploration.

WG 2: Well design

- **Sub-horizontal drilling designs:** The next generations of drilling designs were focused mainly on improving the design of deviated wells until deviated symmetric wells were developed.
- **Multi wells drilling:** New drilling technologies developed in the oil and gas sector could be replicated for geothermal: multi-well pad, new vertical drilling systems etc.
- **Novel drilling equipment:** Novel drilling technologies focus on new drilling bits, innovative control technologies during drilling and the combination of multiple drilling techniques to increase ROP.

WG 3 Power systems:

- **Larger ORC turbines:** On average, the current ORC turbine in operation have a capacity lower to 10 MWe. There is a trend to upscale this capacity. Binary turbine dominates the market in regions with low and medium temperature fields, but the trend is to install binary turbines also in high temperature fields, to allow better reinjection or to install air cooler instead of water cooling towers.
- **Single well:** Deep closed-loop technologies embrace several applications to develop technologies for heat extraction solutions that rely entirely upon fluids circulating within deep boreholes.
- **Closed single well systems:** deep borehole heat exchanger (DBHE), fully closed U-shaped systems, or (semi-)open single well systems. These technologies can also bring solutions for non-productive geothermal wells or repurposing oil & gas wells.
- **Deep closed loops of multilateral well systems:** Equally to the DBHE or U-shaped systems, these closed-loop solutions primarily aim to extract heat through heat conduction at the borehole-rock interface. Multilaterals increase the volume of rock that is harvested for heat, owing to the slowness of conductive heat transfer. High drilling costs per meter are reduced since the fixed costs (vertical wells, access, land, etc.) are spread over more energy-mining laterals.

WG 4: Heating and cooling solutions

- **Large Heat Pumps:** increase the temperature of geothermal brine for existing DH or industrial processes
- **Low-Temperature Heating Systems** (5th generation DH networks): building / district requalification and new buildings and services
- **Large ORC Turbines:** install binary turbines in high-temperature fields
- **Large geothermal HP:** systems providing heat, cold and hot water to buildings complex, block of buildings

- **District Cooling:** including data centres (large demand and power grid impact) and cities (urban heat island)

WG 8: Market Uptake

Close-to-market technology

- **Medium-temp UTES**, including Mine Storage: Heerlen (The Netherlands) and Barredo (Spain)
- **High temperature UTES:** Injecting residual heat from a waste incinerator at 120 °C in Tromsø (Norway)
- **Single well:** at medium and deep depth in Switzerland and UK (Eden project)
- **Deep Closed Loops:** Eavor-Loop™ project in Geretsried (Germany)
- **Full Reinjection Power Plants** in Italy
- **Co-production of CRMs:** Lithium extraction in France (Eugeli project) and Germany (Landau)

In the following months, we will organise another series of web meetings to present project results.

• **ETIP-Geothermal LinkedIn Account**

A LinkedIn account for the ETIP-Geothermal has been established, providing an enhanced platform for the dissemination of our news. Follow the link below to stay updated with our latest developments.

• **About the ETIP-Geothermal**

The European Technology & Innovation Platform on Geothermal (ETIP-Geothermal) is an open stakeholder group, endorsed by the European Commission under the Strategic Energy Technology Plan (SET-Plan), with the

overarching objective to enable geothermal technologies to proliferate and reach its full potential everywhere in Europe.

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13/11/2024 –



• ETIP-Geothermal News



21-22 November 2024



Munich, Germany

GEO THERMAL INNOVATION DAYS 2024

REGISTER BEFORE
15 NOVEMBER 2024



ETIP Geothermal



• Geothermal Innovation Days 2024: only a few days left to register!

21-22 November 2024 | Munich, Germany

Join us at the [Geothermal Innovation Days 2024](#) to explore the latest breakthroughs in geothermal technology and learn how these innovations are fast-tracked from the lab to real-world applications. This event is a unique opportunity to connect with industry experts and delve into funding avenues for research and development, with in-depth sessions on advancements in

drilling, exploration techniques, and other cutting-edge geothermal technologies.

Download the Full Agenda of the Geothermal Innovation Days 2024 [HERE!](#)

Event highlights:

21 November 2024

9:00 - 9:30 Registration and Welcome

9:30 - 9:40 Welcome by the ETIP Geothermal President, Luca Xodo

9:40 - 10:00 **Keynote about Making impact with innovation: case of Dutch and R&I Innovation**, Jan Diederik van Wees, TNO

10:00 - 10:45 | Session 1 - Bring Innovation to the Market

Moderator: Luca Xodo, ETIP Geothermal President

- Report on innovation trends - Philippe Dumas, EGECE and Katrin Kielsing, GFZ Potsdam
- Mapping the need of innovation for made in Europe manufacturing - Davide Toselli, TURBODEN
- Producing carbon neutral lithium from geothermal brines in Europe - Norbert Pralle, Vulcan Energy Resources
- Corrosion Resistant Potted Electrical Submersible Pump & Completion System - Francesco di Credico, Baker Hughes
- 2-pressure-level cycle on a single-disk turbine demonstrated in Denizli Tosunlar geothermal plant, Turkey - Sylvain Brogle, Exergy
- Q&A Session

11:30 - 12:10 | Session 2 - Funding research and innovation

Moderator: Philippe Dumas, ETIP Geothermal Secretariat

- Financial support to innovation - Gerdi Breembroek, IWG geothermal

- EU Funding Programme - CINEA-EC
- Other funding opportunities - Giulia Cittadini, EGEC
- Funding innovation: Eavor-Loop™ Power Plant at Geretsried - Robert Winsloe, EAVOR Technologies

12:10 - 13:10 | Session 3 - Review on R&I on drilling technologies

- The Development of Sensors and Electronics for Drilling Above 200°C - John Clegg, Hephæ Energy Technology
- Managing high mud temperatures at surface to improve overall drilling efficiency, extending tool life and reducing health and safety risk - Alasdair Carstairs, OSSO
- From digital twins to well execution & Carbon negative power generation - Alejandro Schiuma, Enovate.Ai
- Drilling Technology Developments at the Rijswijk Centre for Sustainable Geo-energy (RCSG) - Andreas Reinicke, TNO
- Micro logging tool for improved geothermal well and reservoir production - Volker Wittig, Fraunhofer IEG
- O&G Drilling technologies transition to geothermal - US shale gas experience - Florian MERCIER, H&P (Helmerich & Payne)

14:10-15:30 | Session 4 - Review of R&I on geothermal technologies

Moderator: ETIP Geothermal Working Group Leader

Drilling technologies - continuation

- Innovative laser drilling for deep geothermal heat exchangers: the advances of the DeepU Project - Adele Manzella, CNR and Pawel Slupski, University of Padua
- DTH Drilling - 2000 m deep energy wells - 20 m/h progress - Ari Kuhalampi, Geomachine Oy
- Choose your own path. The application of Multiple Activation Circulation Subs in SplitFlow mode to increase total flow rates while drilling - Jake Steele, Schoeller-Bleckmann (DSI)

- Good practice of collaboration with O&G companies on development of innovative drilling technologies - Matus Gajdos, GA Drilling
- ORCHYD: Theory to Lab - Journey of developing a deep geothermal drilling tool - Naveen Velmurugan, ARMINES/Mines Paris
- Geothermal drilling projects - Optimizing drilling rig technology and drilling processes - Ulrich Hahne, Herrenknecht Vertical GmbH
- *Exploration technologies*
 - URGENT EU Project - Matsen Broothaers, VITO
 - EarthSafe EU Project - Juan Carlos Afonso, Universiteit Twente

16:00-17:30 | Session 4 - continuation

Moredator: *ETIP Geothermal Working Group Leader*

Exploration technologies

- Advanced geothermal systems and specific applications in the exploration geophysics - Angelo Piasentin, GeoNeurale
- Innovative, user-friendly computational tools supporting the management and development of geothermal fields - Beata Kępińska, Mineral and Energy Economy Research Institute, Polish Academy of Sciences (MEERI PAS)
- White hydrogen associated with geothermal resources - Bruno Pereira, Sinergeo

Production and Storage solutions

- PUSH-IT EU Project Storage - and CRM-geothermal - raw material extraction from geothermal fluids - Katrin Kieling, GFZ Potsdam
- Digital Twin of Geothermal Plants - Pejman Shoeibi Omrani, TNO
- Diverse applications of adjustable flow rates in closed loop geothermal well solutions - Kim Gunn Maver, Green Therma
- Revolutionizing Green Energy Extraction- Tomislav Nižetić, Terra energy Ltd.
- Geothermal heat storage: from R&I to commercial application - Thorsten Hörband, SWM

- GEOSYN EU Project Dario Bonciani, COSVIG

Market Uptake

- Why should Oil + Gas go Geothermal? - Henning von Zanthier, Von Zanthier & Dachowski
- Cascade Geothermal Investments in Türkiye - Tolgay Benderli, Dogan Geothermal Group

17:30-18:00 | Conclusions of the day

- The contribution of EERA JP Geothermal to “Act, Align, Accelerate” research and innovation of geothermal technologies - Adele Manzella, CNR
- ETIP geothermal: next activities - Luca Xodo, ETIP geothermal Chair

Networking Dinner, [Hotel NH München Ost Conference Center](#)

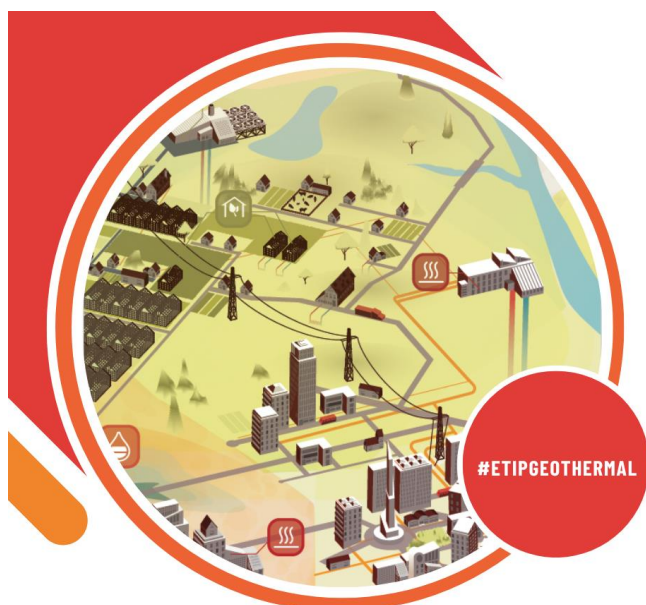
22 of November: 9:00 to 13:00

Exclusive Site Visit to [Eavor-Loop™](#) - a pioneering closed-loop geothermal power plant independent of external water sources.

Spaces are limited for the site visit, so secure your spot by registering for the conference by the end of this week. Upon purchase, a registration form will be sent to complete your sign-up for the site visit.

Download the Full Agenda of the Geothermal Innovation Days 2024 [HERE!](#)

Register NOW

**ETIP Geothermal**

GEO THERMAL HORIZONS

From Cities to Regions

More info at etip-geothermal.eu

- **The Vision for Geothermal is now live!**
Geothermal Horizons: from cities to regions

ETIP-Geothermal is delighted to announce that we have launched the new vision for geothermal 2030/50, “Geothermal Horizons: from Cities to Regions”.

Geothermal energy is a key form of renewable energy and plays a crucial role in the energy transition in Europe. Its benefits include heating and cooling supply, electricity generation, hot water provision, and thermal underground storage for short and seasonal periods. Moreover, geothermal energy has the unique ability to supply critical raw materials, such as lithium, in a sustainable way.

This vision is a progressive work that aims to serve as a cornerstone to achieve the EU climate-neutral milestone by 2050. Using the abundant geothermal resources spread across Europe, cities like Paris (France), Munich (Germany), Szeged (Hungary) and regions like Tuscany (Italy) are clear examples of the power of geothermal energy and its efficacy in reducing reliance on traditional fossil fuels and contributing to local economic development.

Discover the Vision for Geothermal

- **Report on Major Market Trends is available!**

This report presents the recent market developments in geothermal technologies and the outlook for the market in 2030.

In 2022, a devastating war erupted in Ukraine and made energy security central to European energy policy. Inflation is again a major characteristic of the European economy, driven by the explosion of the cost of hydrocarbons on energy prices. It led to higher interest rates and then lower buildings construction and renovation rates.

[Download the Full Report](#)

- **ETIP-Geothermal Highlights**

- **Steering Committee Meeting**

The steering committee meeting was held on the 5th of September 2024. The members reviewed the new structure of the working groups and their activities. Additionally, the final version of the Vision for Geothermal was presented. The Steering Committee discussed the upcoming activities for 2024, such as the Geothermal Innovation Days, the technical webinars and the SET Plan Conference.

- **ETIP-Geothermal LinkedIn Account**

A LinkedIn account for the ETIP-Geothermal has been established, providing an enhanced platform for the dissemination of our news. Follow the link below to stay updated with our latest developments.

<https://www.linkedin.com/company/etip-geothermal>

• **Get Involved!**

Since the launch of the project, all ETIP-Geothermal working groups have seen a remarkable increase in membership. As of January 2024, we are thrilled to announce 19 new registrations!

Read the [Deliverable D3.4](#) to discover more insights on the database development for ETIP-Geothermal members.

[More information.](#)

• **Events in 2024**

• **European Geothermal Workshop 2024**

13-14 November 2024 | Stavanger, Norway

The workshop proposes a platform of scientific exchange, especially between PhD students and scientists, and to present the latest findings and results achieved in national and international, in particular EU-funded, research and demonstration projects.

[More information.](#)

- **Strategic Energy Technology Plan: Scaling up research, innovation and competitiveness in clean energy technologies**

14-15 November 2024 | Budapest, Hungary

The 18th SET Plan Conference is a high-level conference organised under the patronage of the Hungarian Presidency of the Council of the EU in cooperation with the Commission. The event will provide a platform for policymakers, researchers and industry stakeholders in the energy sector to establish connections and expand collaborations aimed at developing and demonstrating innovative cleantech energy solutions while accelerating their deployment.

EGEC is proud to participate in the plenary session on “Geothermal energy: time to step up” on 15 November 2024 at 10:00 am CET!

[More information.](#)

- **Swedish Perspectives on the Renewable Heating and Cooling Market**

28 November 2024 | Online

The National Round Table: Swedish perspectives on the Renewable Heating and Cooling market is part of the European Technology and Innovation Platform on Renewable Heating & Cooling (RHC-ETIP) and represents a series of national panel discussions and presentations involving market actors and other relevant stakeholders.

[More information.](#)

- **EGEC Calendar**

Explore the EGEc calendar, an open resource, to discover the latest geothermal and energy-related events.

[More information.](#)

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6 [ETIP G Newsletter](#) – April 2024

03/04/2024 –



ETIP-Geothermal News

1. **Geotherm ForA factsheets are now available!**

ETIP-Geothermal is delighted to announce the publication of six policy factsheets from the Geotherm ForA project! These factsheets aim to present you an inventory of European regulations, standards and codes influencing geothermal systems.

The first set of factsheets are available [here](#)! New ones will be available late 2024.

2. **European Geothermal Research & Innovation Search Engine (EGRISE) online !**

The European Geothermal Research & Innovation Search Engine (EGRISE) is now live to enable the discovery of research products (e.g. project deliverables, papers, datasets) produced in EU-funded geothermal projects and by the whole geothermal community worldwide. This empowered version of EGRISE takes advantage of the 'Connect' OpenAIRE application, offering numerous research products from different content providers in the geothermal research domain. All research products proposed by EGRISE have a complete set of meta (including DOI), and 'Open Access' ones can be downloaded. Discover the new EGRISE here: <https://egrise.openaire.eu/>

Eugenio Trumpy presented the European Geothermal Research & Innovation Search Engine (EGRISE) at the EGEC webinar "EU Funding Opportunities Research & Innovation: open calls." Check the [full presentation](#) and discover all the secrets behind this outstanding geothermal research tool.

[Watch the full video!](#)

3. Get Involved!

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ETIP-Geothermal Highlights

5. Steering Committee Meeting

The first meeting of the new steering committee was held on the 6th of February 2024. The members reviewed the Terms of Reference and the current structure of the working groups. WGs leaders have been contacted by the ETIP Secretariat to launch new activities for 2024. The discussion was also about research priorities for the Roadmap 2023/2024 and the upcoming Vision document for geothermal 2030/2040/2050.

6. Update on the Vision for Geothermal 2030-2050

After the publication of the [Strategic Research and Innovation Agenda for Geothermal Technologies](#) (SRIA) on 21 November 2023, ETIP-Geothermal is currently working on the draft for the Vision for Geothermal. This document aims to showcase all the benefits geothermal provides in a region for cities, villages, industry, services, agriculture, and tourism in order to establish the role geothermal must play in the European Union milestone of a climate-neutral economy by 2050.

7. Update on the Working Groups

ETIP-Geothermal Working Groups leaders are currently confirmed and first WG meeting of the year will be organised in April-May 2024.

Events in 2024

8. Updates on Drilling for Geothermal: Save the date and call for contributions

19 April 2024 | 10:00 - 12:00 pm CET | Online

EGEC is pleased to announce the upcoming ETIP Geothermal Webinar: “Updates on Drilling for Geothermal”. The webinar will take place on the 19th of April 2024 and participants are invited to host presentations around the following the two thematic areas:

9. Drilling Design

10. Drilling Technologies

After a presentation on the drilling market and technology trends and forecasts, the two sessions will be held on updates on drilling design and technologies. We look forward to your presentation on new products, innovations, and results from research, etc.

Only members of the [ETIP-Geothermal](#) can submit a presentation. If you are still not member, please, register for free at <https://etip-geothermal.eu/get-involved/>

[Register now!](#)

Send your contribution [here!](#)

[More information.](#)

11. EU Funding Opportunities Research & Innovation: Open Calls

Did you miss the webinar on “EU Funding Opportunities Research & Innovation: open calls”? Participants had the opportunity to learn about European funding programmes and calls for proposals. During this event, the panellists also answered questions and assisted participants in finding partners for their consortium.

Presentations are available below:

- [Welcome and Introduction](#) - *Philippe Dumas*
- [EGRISE: The European Geothermal RD&I Document Search Engine](#) - *Eugenio Trumphy*
- [Horizon Europe programme: open calls and New funding opportunities](#) - *Emil Martini*
- [EU funding programme: lessons learnt from 2023 calls](#) - *Philippe Dumas*
- [Research Fund for Coal and Steel \(RFCS\): open calls](#)
- [Other funding opportunities](#) - *Emil Martini*

[Watch the full video!](#)

[More information.](#)

12. The RHC ETIP Annual Conference

10 April 2024 | Graz, Austria

This year, the 100% RHC annual event will take place on 10 April 2024 in Graz (Austria) within the framework of the ISEC conference. In a 90-minute session, information about RHC-ETIP and insights from the platform's horizontal working groups will be shared, focusing on the coupling of heating and power sectors, innovative concepts in districts and cities, solutions for individual buildings and the decarbonisation of heat demand in industries, featuring experts in the respective fields.

[More information.](#)

13. Iceland Geothermal Conference

28-30 May 2024 | Reykjavik, Iceland

The Iceland Geothermal Conference (IGC) has been one of the most attended events in the geothermal world and now we are scheduled for the 5th time at Harpa in May 2024. The host and owner of IGC is the Iceland Renewable Energy

Cluster and its members. This prestigious event serves as a platform for exploring new opportunities and diverse options presented by the geothermal sector's development and point out the importance of its diversity.

[More information.](#)

14. EGECE Calendar

Explore the EGECE calendar, an open resource, to discover the latest geothermal and energy-related events.

[More information.](#)

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7 [ETIP G Newsletter](#) – February 2024

27/02/2024 –



ETIP-Geothermal Highlights

A graphic for ETIP Geothermal highlights. On the left is a large red circle with a white border, containing a vibrant image of a galaxy. Overlaid on the bottom right of this circle is a smaller red circle with white text that reads "WITH MORE THAN 10.000+ PUBLICATIONS AVAILABLE!". To the right of the large circle is the ETIP Geothermal logo (three concentric red circles with a white center and a grey arrow) followed by the text "ETIP Geothermal" in a bold, sans-serif font. Below this, the word "EGRISE" is written in a large, bold, red, sans-serif font. Underneath "EGRISE" is the text "European Geothermal Research and Innovation Search Engine" in a smaller, orange, sans-serif font. At the bottom right, the text "More info at etip-geothermal.eu" is written in a small, red, sans-serif font, followed by a vertical ellipsis of dots.

8

European Geothermal Research and Innovation Search Engine (EGRISE)

ETIP-Geothermal proudly unveils the European Geothermal Research & Innovation Search Engine (EGRISE).

With more than 10.000 publications/tools available, the EGRISE v2.0 enables the discovery of research products (e.g. project deliverables, papers, datasets)

produced in EU-funded geothermal projects and by the whole geothermal community worldwide.

This empowered version of EGRISE, developed by CNR-IGG (Italy) takes advantage of the 'Connect' OpenAIRE application, offering numerous research products from different content providers in the geothermal research domain. Each entry within EGRISE is meticulously cataloged with comprehensive metadata, including Digital Object Identifiers (DOIs), facilitating easy identification and retrieval. Moreover, publications marked as 'Open Access' are available for download, promoting widespread dissemination of knowledge.

[Access the new EGRISE](#)



ETIP Geothermal

STRATEGIC RESEARCH AND INNOVATION AGENDA

**FULL AGENDA
AVAILABLE!**

Accelerating the development of
GEOTHERMAL technology in Europe.

9

Strategic Research and Innovation Agenda

The European Technology & Innovation Platform on Geothermal (ETIP-G) released its *Strategic Research and Innovation Agenda for Geothermal technologies*. This R&I agenda aims to shape the strategic plan for research and

innovation (R&I) in the geothermal sector and to outline research priorities for the upcoming decades.

The Strategic Research and Innovation Agenda (SRIA) recommends actions and research priorities that should be addressed to achieve the key technological and transversal challenges that could make the vision a solid reality between now and 2050.

[Read the Full Agenda](#)

ETIP-Geothermal News

Steering Committee Meeting

The first meeting of the new steering committee was held on the 6th of February 2024. The members reviewed the Terms of Reference and the current structure of the working groups. WGs leaders will be contacted soon by the ETIP Secretariat to launch new activities for 2024. The discussion was also about research priorities for the Roadmap 2023/2024 and the upcoming Vision document for geothermal 2030/2040/2050.

ETIP-Geothermal LinkedIn Account

A LinkedIn account for the ETIP-Geothermal has been established, providing an enhanced platform for the dissemination of our news. Follow the link below to stay updated with our latest developments.

<https://www.linkedin.com/company/etip-geothermal>

Events in 2024

Invitation: Online workshop " Prize on Seasonal Thermal Energy Storage "

6 March 2024 | 14:00-17:00 CET | Online

ETIP-Geothermal members are invited to participate in the stakeholder workshop for the **Prize on Seasonal Thermal Energy Storage**, which will take place only online on **Wednesday, 6th March 2024**. The aim of this workshop is to further define the topic of this prize and the eligibility criteria. The final agenda of the workshop, as well as other practical information to prepare for your attendance, will be shared closer to the workshop. Please note that interpretation is not foreseen as the workshop will take place only in English.

For any questions on the logistics of the event or any additional questions, please send an email to Horizon-Prizes@ecorys.com.

You can join the workshop by clicking [here](#).

Transfer in Focus: Is O&G drilling and well competence needed for geothermal resource extraction?

13 March 2024 | 08:30 - 16:30 | Stavanger, Norway

This 1-day seminar will explore the role of oil and gas competence in geothermal applications and the potential of repurposing abandoned O&G wells for geothermal energy production, digitalisation and advanced drilling technology to enhance geothermal resource potential. The seminar will also address the challenges of deep geothermal extraction and the opportunities for regional businesses to develop solutions that could boost geothermal heat extraction in other European countries.

[More information.](#)

15th edition of the European Geothermal PhD Days (EGPD)

3-5 April 2024 | Delft, Netherlands

This annual event is organised by PhD candidates from different universities all around Europe. Every year, between 50 and 80 young scientists from various research fields in geothermal energy come together to share knowledge and experience about this promising energy source.

[More information.](#)

Iceland Geothermal Conference

28-30 May 2024 | Reykjavik, Iceland

The Iceland Geothermal Conference (IGC) has been one of the most attended events in the geothermal world and now we are scheduled for the 5th time at Harpa in May 2024. The host and owner of IGC is the Iceland Renewable Energy Cluster and its members. This prestigious event serves as a platform for exploring new opportunities and diverse options presented by the geothermal sector's development and point out the importance of its diversity.

[More information.](#)

EGEC Calendar

Explore the EGEN calendar, an open resource, to discover the latest geothermal and energy-related events.

[More information.](#)

About the ETIP-Geothermal

The European Technology & Innovation Platform on Geothermal (ETIP-Geothermal) is an open stakeholder group, endorsed by the European

Commission under the Strategic Energy Technology Plan (SET-Plan), with the overarching objective to enable geothermal technologies to proliferate and reach its full potential everywhere in Europe.



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8 [ETIP G Newsletter](#) – October 2023

30/10/2023 –

Vote for the Steering Committee 2024-2026

Vote for ALL the 12 new members of the ETIP DG Steering Committee 2024-2026.

You will find the list of the eligible candidates [here](#). The vote is anonymous. [VOTE HERE](#).

Please remember that only members of ETIP DG can vote ([procedure to become a member is here](#)).

Timeline

Votes are open from today **30 October 2023** until **Monday 13 November (EOB)**

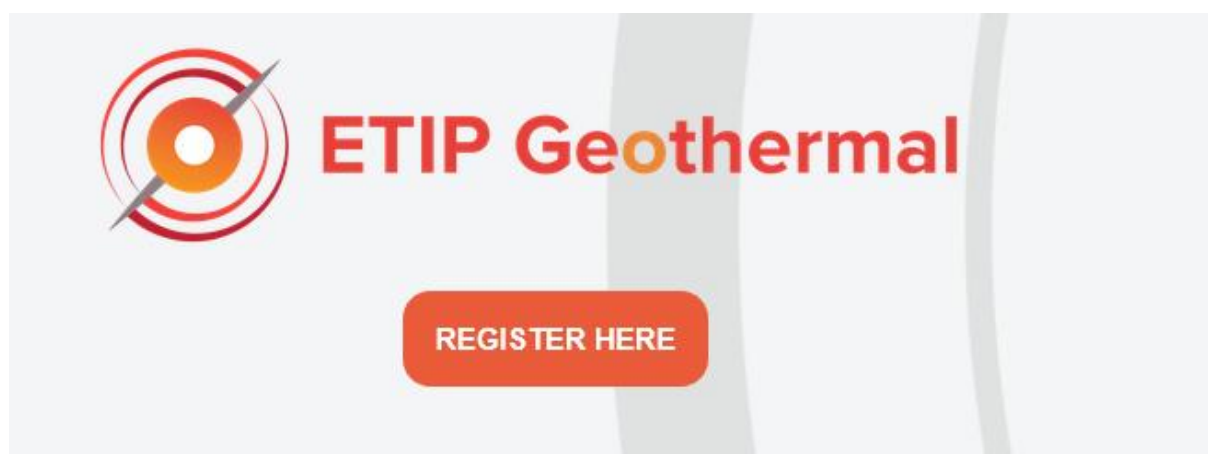
You can see the [Terms of reference here](#)

For more information, please send an email to: info@etip-geothermal.eu

[Download](#)

9 [ETIP DG Newsletter](#) – February 2023

02/02/2023 –



• 1st ETIP Geothermal Meeting 2023

Date: 2nd March 2023

Location: GeoTHERM expo & congress, Offenburg, Germany

Room: K1, Oberrheinhalle

In-person attendance is highly preferred but if someone is not able to attend in person a web attendance option will be provided.

To fully represent the geothermal technologies for Research & Innovation and reflect the technology trends and the market development, ETIP DG and the Geothermal Panel of ETIP RHC become **ETIP Geothermal**, as of 2023.

Synergies between both previous ETIPs will be presented and discussed during the first meeting of the ETIP Geothermal, which will take place on 2nd March 2023, at GeoTHERM Expo & Congress, in Offenburg Germany.

Registration for the event is mandatory.

AGENDA

10:00 Welcome by Fausto Batini & Javier Urchueguia

Session 1 Launch of the ETIP geothermal

- Presentation and validation of the new structure
- Update the Terms of Reference: prepare the 2023 election of the new steering committee and executive committee
- ETIP Geothermal activities 2023

Session 2 Presentation of the Strategic Research and Innovation Agenda on geothermal technologies

Discussion

Session 3 R&I funding

Presentation of the calls 2023

Lessons learnt on recent calls

New R&I Projects

12:00 End of meeting

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com@egec.org



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10 [ETIP DG Newsletter](#) – December 2022

16/12/2022 –

ETIP DG annual meeting 2022: held successfully on 13 December

The ETIP Deep geothermal organised its annual meeting last Tuesday 13th of December in a hybrid mode with physical and virtual attendance of 133 participants.

ETIP-DG activities

After a review of the 2022 activities, participants discussed the work plan for 2023.

The proposal to rename our ETIP from ETIP Deep geothermal towards ETIP Geothermal has been approved with unanimity. See details below.

EGEC presented the new energy policy initiatives (Firfor55, REPowerU, etc.) has some of them required new technologies and R&I and many funding opportunities make reference to this REPowerEU Plan.

Towards a Strategic Research and Innovation Agenda on geothermal technologies

Working Group leaders presented the topics already listed for the upcoming Strategic Research and Innovation Agenda (SRIA) of the ETIP.

All WG were reviewed with a discussion allowing to identify new R&I topics. The next step is to provide a consolidated draft version 1 of the SRIA and open a public consultation until mid-February. An updated version of this documented will be presented during the next ETIP meeting. See below

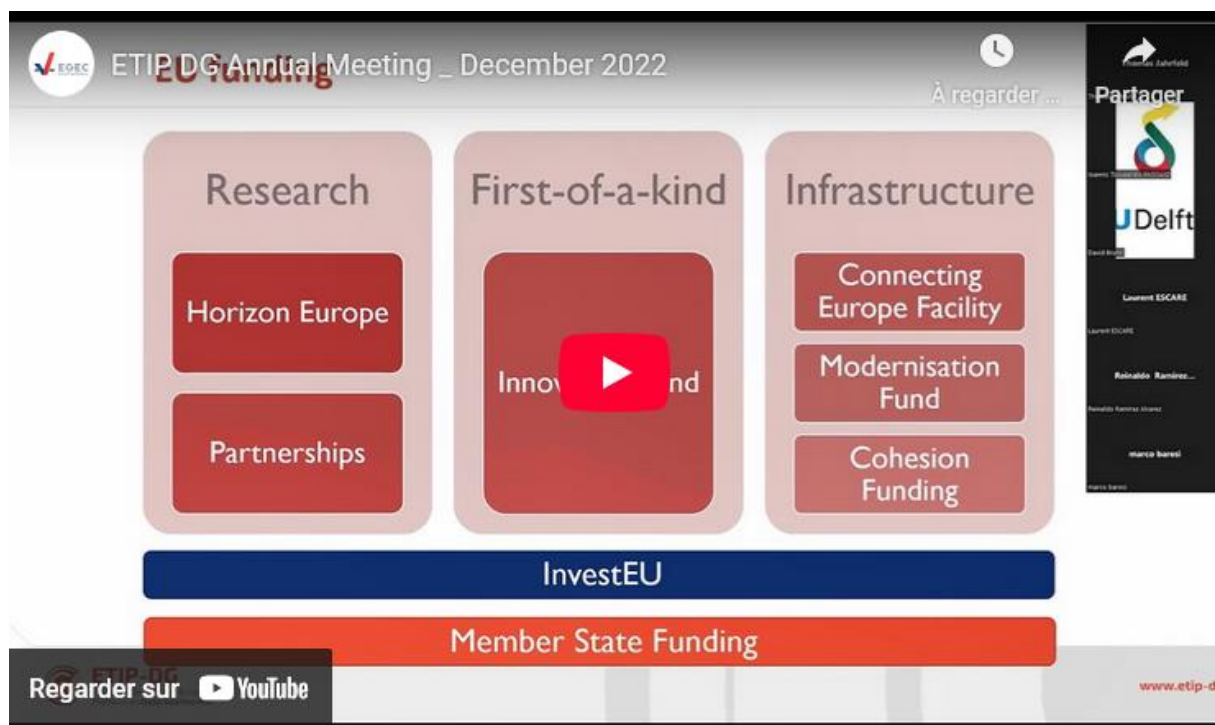
Funding opportunities for R&I in geothermal

This session started with a presentation of more than 20 R&I funding opportunities for geothermal: all details are available below.

The two discussions were held; a first one on the lessons learnt on recent Horizon Europe calls and a second one on the feedbacks on the first calls from CET Partnership

Review of R&I project results

Finally six R&I projects were presented in a 10 minutes presentation.



First Break 02:44:07 – 03:18:40

Second Break 04:35:40 – 05:07:10

Presentations

Welcome by the ETIP DG

[Work plan 2023 of ETIP DG and New Energy policy initiatives](#)

Funding opportunities for R&I in geothermal

[Calls 2022 Opportunities for geothermal – Horizon Europe](#)

[Calls 2022 Opportunities for geothermal – other calls](#)

[Lessons learnt on recent Horizon Europe calls](#)

Review of R&I project results

- [MontLibre Group presents xGeo !](#)

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