



GEO THERM-FORA Deliverable D3.5

Report on cross-thematic RD&I topics and actions

Katrin Kieling, GFZ

Philippe Dumas, Giulia Cittadini, Leonie Kuhlmann, EGEC



Funded by
the European Union

Project Full Title:		Support stakeholder’s fora on geothermal systems	
Project Acronym:		GEOTHERM-FORA	
Title:		Report on cross-thematic RD&I topics and actions	
Lead beneficiary:		GFZ	
Contributing beneficiaries:		EGEC	
Related work package/task(s):		WP3, Task 3.4	
Submission date:		19 June 2025	
Security class:		Public	
Dissemination level:		all Partners, EC and General Public	
Status:		Final	
License information:		CC_BY_4.0	
Recommended Citation:		Kieling, K., Dumas, P., Cittadini, G., Kuhlmann, L., The Horizon Europe GEOTHERM-FORA project: Deliverable 3.5 Report on cross-thematic RD&I topics and actions, 2025.	
ORCID:		Katrin Kieling 0000-0003-0182-5090	
Revision history	Author	Delivery date	Summary of changes and comments
Version 0.1	K. Kieling	08 May 2025	Initial draft
Version 0.2	L. Kuhlmann	04 June 2025	Addition of events with ETIP / IWG participation
Version 1.0	K. Kieling	19 June 2025	Revision table 1, Inclusion of comments from EGEC

Approval status				
	Name	Function	Date	Signature
Deliverable responsible	GFZ, Katrin Kieling	Task leader	19 June 2025	
WP leader	TNO, Holger Cremer	WP Lead	19 June 2025	
Reviewer	EGEC, Leonie Kuhlmann		19 June 2025	
Project Coordinator	EGEC, Philippe Dumas		27 June 2025	

Funded by the European Union from the Horizon Europe programme under the grant agreement n° 101075400.

Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or CINEA. Neither the European Union nor the granting authority can be held responsible for them.

Table of contents

Table of contents.....	3
1 Executive Summary	4
2 Mapping of other initiatives and fora.....	5
2.1 Other alliances and partnerships focussing on geothermal energy	5
2.2 Other alliances and partnerships with focus on one of the four key priorities of the Geothermal IWG and ETIP Geothermal	6
2.2.1 Heating and Cooling.....	6
2.2.2 Power / Electricity	7
2.2.3 Storage.....	10
2.2.4 Valuable and Critical Raw Materials.....	10
3 Activities jointly implemented with other alliances, projects and partnerships.....	11
3.1 Interrelation with other alliances and partnerships	11
3.2 Joint activities.....	12
4 Cross cutting Task Forces of SET-Plan technologies	15
4.1 Aims and Objectives of the task forces.....	15
4.2 Process	15
4.3 Geothermal IWG and ETIP Geothermal participation	16

1 Executive Summary

The GEOTHERM-FORA project aims to support and strengthen the fora on geothermal systems dealing with research and innovation: the Geothermal IWG and ETIP Geothermal. The objective of supporting both fora is to boost the development of new geothermal technologies, expand the market and achieve our climate and energy targets for 2030 and 2050, as agreed by the geothermal energy sector (industry, research and public authorities).

This report refers to the following two objectives of the GEOTHERM-FORA project:

- Identify and implement cross-thematic activities tracked within other implementation plans and ETIP roadmaps.
- Report cross-thematic activities and contribute to the SET Plan conferences.

To reach these objectives, the project consortium has defined multiple pathways. Firstly, the consortium engages with additional external stakeholders, networks, alliances and partnerships whose work also touches upon the four key priorities of the Geothermal IWG and the ETIP Geothermal. To identify these other fora, a stakeholder mapping exercise was conducted. Secondly, a diverse set of joint activities has been implemented, and joint events have been organised. Finally, the Geothermal IWG and the ETIP Geothermal have contributed to the work of five time-bound task forces dedicated to cross-cutting topics for energy technologies within the SET Plan.

2 Mapping of other initiatives and fora

A mapping activity has been conducted by the GEOTHERM-FORA during the first year of the project. The primary purpose of this work has been to provide an information base on the institutional and operational landscape global and European initiatives, networks, alliances, partnerships, organisations that have a focus on one of the four key priorities of the Geothermal IWG and the ETIP geothermal:

- Heating and Cooling
- Electricity
- Storage
- Valuable and Critical Raw Materials

It also lists direct contact details of networks and initiatives identified in order to initiate or maintain collaboration and to set up joint activities. For the sake of data protection, email addresses are only displayed here if they are functional email accounts.

In the following, the existing alliances and partnerships in the 4 key priorities are listed. Because of their limited lifetime, we do not list projects here, even though some of the GEOTHERM-FORA activities that have been conducted during the cause of the project were joint activities with project consortia.

2.1 Other alliances and partnerships focussing on geothermal energy

Name of network/ alliance/ initiative	Description	Key words / focus area	Contact	Website
EERA joint programme geothermal	Combining the forces of the major European geothermal R&D institutions, EERA Geothermal aims at facilitating a significant acceleration of the development for providing reliable and highly efficient technology for the use of deep geothermal resources for heat and power. This is done through integration and coordination activities, knowledge sharing and sharing of facilities. EERA Geothermal is a key stakeholder of the European Technology & Innovation Platform Deep Geothermal (ETIP-DG) as well as the SET-Plan Implementation Working Group Deep Geothermal (IWG-DG).	Geothermal energy	Yes	https://www.eera-geothermal.eu
EGEC European Geothermal Energy Council	The European Geothermal Energy Council (EGEC) is a not-for-profit organisation promoting all aspects of the geothermal industry. Founded in 1998, its objective is to facilitate awareness and expansion of geothermal applications across Europe by shaping policy, improving investment conditions and steering research. As the voice of the geothermal industry in Europe, EGEC is an essential partner to the ETIP Geothermal and the Geothermal IWG.	Geothermal energy	Yes https://www.egec.org/about/#secretariat	https://www.egec.org

GEO THERMICA Initiative	<p>GEO THERMICA Initiative, a collaborative effort between international public authorities, is poised to revolutionise how we harness the Earth's natural heat to power our lives. GEO THERMICA is a successful platform through which public sector representatives collaborate, pool national efforts to accelerate geothermal energy deployment, and ensure it plays an integral role in the global energy transition.</p> <p>GEO THERMICA is a global network. Membership in the GEO THERMICA Initiative is exclusively open to public authorities, both regional and national, to avoid conflicts of interest.</p>	Geothermal energy	info@geothermica.eu	https://www.geothermica.eu
IEA GIA	<p>IEA Geothermal Implementing Agreement (IEA GIA) is a framework for international collaboration and networking among nations, industries and industry organizations on geothermal energy and resources. It operates under the auspices of the International Energy Agency Technology Collaboration Programme. IEA Geothermal promotes international collaboration to foster and enhance the development and sustainable use of geothermal energy.</p>	Geothermal energy	iea-giassec@gnns.cri.nz	https://iea-gia.org/

2.2 Other alliances and partnerships with focus on one of the four key priorities of the Geothermal IWG and ETIP Geothermal

2.2.1 Heating and Cooling

Name of network/ alliance/ initiative	Description	Key words / focus area	Contact	Website
RHC ETIP	Define a common strategy for increasing the use of renewable energy technologies for heating and cooling; includes 5 technology panels: (1) biomass, (2) geothermal, (3) solar thermal, (4) heat pump, (5) district heating and cooling and thermal storage	renewable heating and cooling	info@rhc-platform.org	https://www.rhc-platform.org/
DHC+ platform	DHC+ Platform advocates for district energy research & innovation in Europe. It is today a strong group of stakeholders from academia, research, business and industry committed to move to a sustainable energy system.	renewable heating and cooling	Yes communications@euroheat.org	https://www.euroheat.org/dhc/about-dhc

IEA annex DHC	<p>The Technology Collaboration Programme on District Heating and Cooling (IEA DHC), functions within a Framework created by the International Energy Agency (IEA).</p> <p>IEA DHC was founded as a programme of Research, Development, and Demonstration on District Heating and Cooling, including the integration of Combined Heat and Power in 1983. The Agreement is dedicated to helping to make district heating and cooling and combined heat and power powerful tools for energy conservation and the reduction of environmental impacts of supplying heat</p>	Renewable heating and cooling; combined heat and power;	Yes iea-dhc@agf.w.org	IEA DHC (iea-dhc.org)
EERA JP Smart Cities	In EERA JP Smart Cities, universities and research institutes from across Europe cooperate with industry, cities and citizens to support innovation and demonstration projects with knowledge-based experimentation, applied and fundamental research, to deliver quality and impact, and to ensure scalability and replicability of locally developed and tested solutions/processes.	Net-zero cities	yes	https://www.eera-sc.eu/
ETIP Construction TP (ECTP)	European Construction, built environment and energy efficient building TP (ECTP) was launched by the construction sector in October 2004 to develop new R&D&I strategies to improve competitiveness, meet societal needs and take up environmental challenges. It gathers more than 140 Member organisations from the whole supply chain of the Built Environment.		secretariat@ectp.org	https://www.ectp.org/

2.2.2 Power / Electricity

Name of network/alliance/initiative	Description	Key words / focus area	Contact	Website
IRENA	International Renewable Energy Agency (IRENA) is a lead global intergovernmental agency for energy transformation that serves as the principal platform for international cooperation, supports countries in their energy transitions, and provides state of the art data and analyses on technology, innovation, policy, finance and investment. IRENA drives the widespread adoption and sustainable use of all forms of renewable energy, including bioenergy, geothermal, hydropower, ocean, solar and wind energy in the pursuit of sustainable development, energy access, and energy security, for economic and social resilience and prosperity and a climate-proof future.	sustainable/clean energy	info@irena.org	https://www.irena.org/

ETIP SNET	ETIP Smart Networks for Energy Transition (SNET)'s role is to guide Research, Development & Innovation (RD&I) to support Europe's energy transition. More specifically, ETIP SNET was designed to bring together different perspectives and expertise to provide input to the SET Plan actions, in particular Action 4 "Increasing the resilience, security and intelligence of the energy system". The focus on energy grids is central for our evolving energy landscape; grids are the backbone of our electricity system, and they are expected to grow in importance as we move towards a net-zero energy system, also due to the increased needs for flexible generation.	Electricity grid	secretariat@etipsnet.eu	https://smart-networks-energy-transition.ec.europa.eu/about/etip-snet
EERA joint programs on smart grids	The present JP, by means of an extended cross-disciplinary cooperation involving many Research and Development (R&D) participants with different and complementary expertise and facilities, aims at addressing, in a medium to long term research perspective, one of the most critical areas directly relating to the effective acceleration of smart grid deployment: smart grids technology, its application and integration.	smart grids	yes	https://www.eera-set.eu/component/projects/projects.html?id=53
Materials TP	ETIP Advanced Engineering Materials and Technologies (EUMAT) is the European Technology Platform for Advanced Engineering Materials and Technologies. The Alliance for Materials (A4M) promoted by European Materials Platform (EUMAT), is a joint initiative of technology platforms, academia, research institutes, and industry, working in the field of MATERIALS. A4M represents the largest materials R&D&I community of Europe, promoting the leading global position and competitiveness of the European technology in the area of Advanced Engineering Materials. Specifically the WG "Materials for Energy" brings together expertise across the wide range of materials and energy technologies that develop new concepts for performance in aggressive environments, and provide strategic direction for the energy materials community.	Materials for energy	via contact form http://www.eumat.eu/en/contact	http://www.eumat.eu/en https://www.eumat.eu/en/materials-for-energy
EIB	European Investment Bank (EIB) is financing sustainable energy projects worldwide. They help reduce emissions and energy bills by providing more financing for clean energy sources as well as towards innovative solutions to make the world a cleaner, greener place for future generations.	investment, sustainable/clean energy, natural resource protection	https://www.eib.org/en/infocentre/contact/offices/index.htm	https://www.eib.org/en/index.htm

EBRD	<p>European bank for Reconstruction and Development (EBRD) is the largest investor in the renewable energy industry in the region where it operates. In 2006-2013, the Bank made direct investments worth over €2 billion in the renewables sector, with an additional €760 million channelled to the industry via credit lines to local banks.</p> <p>Renewable energy is the fastest-growing segment of the EBRD's power and energy portfolio. It is also the fastest growing source of energy in the world, a testament to the falling costs of exploiting it as well as increasing concern about fossil fuel prices and the threat of global warming.</p>		https://www.ebrd.com/content/acts.html	https://www.ebrd.com/home/who-we-are/ebrd-values/ebrd-environmental-social-sustainability/EBRD-green/renewable-energy-auctions.html
EEGI	<p>European Electricity Grid Initiative (EEGI) is one of the European Industrial Initiatives under the Strategic Energy Technology Plan (SET-Plan). The EEGI mission is to create an adequate European grid (both transmission and distribution systems), to achieve the European energy policy goals.</p> <p>ENTSO-E is a key member and coordinator of the transmission R&D component of the EEGI Roadmap and Implementation Plan. Other members include the European Distribution System Operators' Association for Smart Grids (EDSO-SG) which coordinates the distribution component of the EEGI Roadmap, and Member States and other stakeholders.</p>		no	https://docs.entsoe.eu/about-entso-e/research-and-development/rd-partnered-projects/eeGi/Pages/default.aspx
<u>ETIP Ocean</u>	ETIP Ocean, the European Technology & Innovation Platform for Ocean Energy, is a platform for ocean energy experts to share knowledge and identify solutions to progress the ocean energy sector.		info@etipocean.eu	https://www.etipocean.eu/
<u>ETIP PV</u>	The European Technology and Innovation Platform for Photovoltaics (ETIP PV) mobilizes all stakeholders sharing a long-term European vision for PV, helping to ensure that Europe maintains and improves its industrial position, in order to achieve a leadership position within the global PV market.		info@etip-pv.eu	https://etip-pv.eu/
SusChem	ETP for sustainable chemistry. SusChem's vision is for a competitive and innovative Europe where sustainable chemistry and biotechnology together provide solutions for future generations. SusChem's mission is to initiate and inspire European chemical and biochemical innovation to respond effectively to societal's challenges by providing sustainable solutions.	sustainable chemistry	yes	http://www.suschem.org/

2.2.3 Storage

Name of network/ alliance/ initiative	Description	Key words / focus area	Contact	Website
ZEP	Zero Emissions Platform (ZEP) is the adviser to the EU on the deployment of Carbon Capture and Storage (CCS) and Carbon Capture and Utilisation (CCU) – a European Technology and Innovation Platform (ETIP) under the Commission’s Strategic Energy Technologies Plan (SET-Plan). CCS and CCU will be essential for the European transition to net neutrality, ensuring that power generation and industrial processes are secure, reliable and sustainable	carbon capture utilisation (CCU), carbon capture storage (CCS)	https://zeroemissionsplatform.eu/about-zep/secretariat/	https://zeroemissionsplatform.eu/
EERA energy storage	The EERA Joint Programme on Energy Storage (JP ES) was officially launched in 2011. This JP strongly fosters the efficient development of new energy storage technologies and supports the SET Plan objectives and priorities by “pooling and integrating activities and resources including international partners” on all levels of the value chain. From the collaborations within the JP ES and with other Joint programmes, synergies result and a long term, durable integration of European Research capacities in energy storage is achieved.	energy storage	yes	https://www.eera-energystorage.eu/
IEA ECES	IEA Energy Storage Technology Collaboration Programme (IEA Energy Storage TCP) facilitates integral research, development, implementation and integration of energy storage technologies such as: Electrical Energy Storage, Thermal Energy Storage, Distributed Energy Storage (DES) & Borehole Thermal Energy Storage (BTES). ES TCP is one of 38 Technology Collaboration Programmes (TCP’s) within the International Energy Agency (IEA). The research projects are organized in Tasks (formally called Annex).	Energy storage, heat storage	https://iea-es.org/energy-storage-mission/contact/	https://iea-es.org/

2.2.4 Valuable and Critical Raw Materials

Name of network/ alliance/ initiative	Description	Key words / focus area	Contact	Website
Eurometalex	The decisive EU voice of non-ferrous metals producers and recyclers. Our mission - a thriving metals industry supplying Europe's climate transition	metal production; clean energy	eurometalex@eurometalex.be	https://eurometalex.eu/

European Raw Materials Alliance	The European Raw Materials Alliance (ERMA) was announced on 3 September 2020, as part of an Action Plan on Critical Raw Materials, and the publication of the 2020 List of Critical Raw Materials. To achieve the objectives of the Action Plan, European Communication outlined ten concrete actions. First, is the establishment of a European Raw Materials Alliance (ERMA).	sustainable raw materials	erma@eitra.wmaterials.eu	https://erma.eu/
INTRAW	The International Raw Materials Observatory is a not for profit international association, created to support worldwide cooperation on mineral raw materials' research & innovation, education & outreach, industry & trade and recycling, management & substitution of strategic raw materials.	raw materials	Yes info@intraw.eu	https://intraw.eu/
Cluster Hub for production of raw materials for batteries from European resources	The Cluster Hub "Production of raw materials for batteries from European resources" is a knowledge exchange ecosystem, where partners involved in different European projects (private companies, support organisations, experts, universities and research institutes) can identify and discuss common topics related to their projects, and to the production of materials for batteries, as well as synergies that can foster innovations in this field. This platform aims at driving innovations for the recycling of batteries and the production of raw materials for battery applications from primary and secondary resources available in Europe.	raw materials production	yes	https://www.materialsforbatterieshub.eu/about/

3 Activities jointly implemented with other alliances, projects and partnerships

3.1 Interrelation with other alliances and partnerships

There is a particularly strong collaboration between the Geothermal IWG and the GEOTHERMICA initiative. Several Member States are members of both partnerships. Therefore, the visions of the partnerships are similar and a joint message/statement could be developed for certain issues. In addition, some joint events have been organised (see section 3.2).

In the context of GEOTHERM FORA, there are regular cross-cutting ETIP sessions in which ETIP Geothermal participated actively. There is a particularly strong collaboration with the RHC ETIP and the DHC+ partnership. For the RHC ETIP, there is the Geothermal Panel, which has been integrated into the ETIP Geothermal in view of the renaming of the ETIP in 2023. Similarly, for the DHC+ network, there is some overlap in membership and the geothermal ETIP collaborates regularly with the DHC+ on the contribution of geothermal technologies to renewable district heating and cooling, including joint events.

Finally, there is a strong link between the EERA Joint Programme Geothermal Energy and both, the ETIP Geothermal (through overlapping membership) and the Geothermal IWG (the Chair of EERA JP GE is a Co-Chair in the Geothermal IWG). This ensures alignment between the EERA, representing the research organisations, and the ETIP and IWG.

3.2 Jointly organised activities

During the course of the GEOTHERM-FORA project, the ETIP Geothermal and/or the Geothermal IWG have successfully implemented a range of activities jointly with above listed initiatives and partnerships in order to increase the audience and maximise the impact of their activities.

- Participation in Clustering event of CINEA : 17 October 2022, side event to the EGC2022, Berlin Germany : A workshop together with other EU-funded project that are managed by CINEA
- Participation to the EU-pavilion at the EGC2022, Berlin, Germany, jointly with other geothermal EU-funded projects and the GEOTHERMICA initiative (see **Error! Reference source not found.**)
- Geothermal Heat pump days, Berlin, Germany, 16-17 Nov 2023, jointly organised with RHC ETIP
- Roundtable on the « Heat Transition & Geothermal Energy Opportunities »¹ in Ptuj, Slovenia on 12 December 2023, jointly organised by GEOTHERMICA Initiative, CETPartnership TRI4 Heating & Cooling, Geothermal IWG, EEA Grants, Geological Survey of Slovenia, and the Ministry of Environment, Climate & Energy of Slovenia (see Figure 2)
- Geothermal Heat Pump Days 2024, 16-18 October 2024, Dublin, Ireland, jointly organised with the RHC ETIP



**EUROPEAN
BOOTH**
eubooth.com

EGC2022 Berlin 17-21 October 2022

Thank you for connecting with us!

CRM-geothermal, CROWD THERMAL,
EASYGO-ITN, GECO, GEO4CIVHIC,
GEOTHERM-FOR A, GeoSmart,
OPTIDRILL, GEOTHERMICA,
ORCHYD, REFLECT








¹ Stoklosa, A.W. and Halldórsdóttir, E., Proceedings of the Roundtable on the « Heat Transition & Geothermal Energy Opportunities » in Ptuj, Slovenia on 12 December 2023 https://d2a9435d-7e10-4e33-a022-23de2ebe93f1.usrfiles.com/ugd/d2a943_e8b7b0fb0d174116b837603e1e6a61ac.pdf, last accessed

Figure 1: Impressions from the EU-pavilion at the EGC2022, jointly set-up with other EU-funded projects on geothermal energy and the GEOTHERMICA Initiative.

- Geothermal Innovation Days 2024, 21 November 2024, focus on latest advancements in geothermal technology, funding and market ready solutions, jointly organised with EGEN
- Supported RHC-ETIP National Roundtable for Croatian Solutions to Renewable Heating and Cooling, 11 February 2025
- CST4All Industry workshop² on the hybridization of Concentrated Solar Thermal Technologies with Geothermal, 10 March 2025, online (see Figure 3)
- Supported RHC-ETIP National Roundtable for Finnish Solutions to Renewable Heating and Cooling, 14 April 2025
- 100% RHC Event 2025, 7 May 2025, Brussels, Belgium



Figure 2: Chair of the Geothermal IWG, Gerdi Breembroek, presenting during the Roundtable on the « Heat Transition & Geothermal Energy Opportunities » in Ptuj, Slovenia on 12 December 2023

² European Solar Thermal Electricity Association. (2025). Agenda for the CST4ALL Industry Workshop on the hybridisation of Concentrated Solar Thermal Technologies with geothermal (Version Ver02). Zenodo. <https://doi.org/10.5281/zenodo.14984462>



Date	10 March 2025
Time	10:00 – 13:00 CET
Online event	Microsoft Teams
Registration link	Available via CST4ALL website or Microsoft Teams

Figure 3: Invitation to the joint industry workshop of CST4All and ETIP Geothermal.

3.3 Participation in cross-thematic activities

Next to the co-organised activities listed above, ETIP Geothermal and or Geothermal IWG have also participated in further activities giving presentations at events, attending others and sharing inputs via written contributions.

- Active participation in 3rd ETIPS Forum meeting, 11 October 2022 – Discussion on merger of ETIPs and IWG Secretariats, future challenges and cross-cutting topics, participation of ETIPs FORUM at SET Plan Conference in Prague and Enlit Europe in Frankfurt and position paper with 10 recommendations to the EC
- Active participation in ETIP DG’s Annual General Meeting, 13.12.2022 - Hybrid event focusing on Strategic Research and Innovation Agenda on geothermal technologies, Funding opportunities for R&I in geothermal and Review of R&I project results
- Active participation in 23rd ETIP SNET Governing Board Meeting, 8 February 2023 – Focus on restructuring and action plan, roadmap, clean transition energy partnership, WG dashboard work plans, communication activities, BRIDGE initiative
- SET Plan Progress Report 2023 ETIPs Input, 3 October 2023
- Active participation in ETIPs FORUM meeting, 15 February 2024 – Focus on NECPs, Upskilling and Reskilling, joint letter on continued funding, SET Plan conference and next common initiatives
- ETIP SNET Governing Board Meeting, 12 March 2024, Focus on policy updates, new focus area, admin aspects
- Active participation in Cooperation across SET Plan Implementation Working Groups (IWGs), 24 April 2024, Co-organised by SET Plan IWG6 and IWG4 ; Inter-IWG meeting: Geothermal Heat for industry (‘Kable Zero’). The SET Plan IWG6 – Industry covering Action 6 on ‘Sustainable and Efficient Energy Use in Industry’ and the IWG4 – Energy Systems covering Action 4 on “Resilience & security of energy system” hosted the Cooperation across SET Plan Implementation Working Groups (IWGs).
- Contribution to SET Plan 2024 Reporting Exercise, 15 May 2024
- IWG5 policy session with DG Ener, 3 June 2024, focus on the implementation of the SET Plan 2023 and role of support office and task forces
- Active participation at Geothermal Transition Summit 2024, 8-9 October 2024, Luca Xodo speaking

- Active participation in the 18th SET Plan Conference on 14-15 November 2024 by GEOTHERM-FOR A partners. Gerdi Breembroek and Miklos Antics gave a presentation.
- Contribution to EuroGeoSurveys Strategic Research and Innovation Agenda: Building a Geological Service for Europe, 25.11.2024
- Attendance of Antwerp meeting with EC President von der Leyen launching the Clean Industrial Deal, February 2025, Marco Baresi (EGEC Board) attended
- Active Participation at EU Investors Dialogue on Energy, 27.02.2025, EGEC (Sanjeev Kumar) speaking
- Active participation at ETIPs Forum Conference, 19 March 2025 on Advancing the SET Plan, ETIP Geothermal speaking on “Closing the Innovation Gap – reviving the virtuous innovation cycle”
- Contribution to EU Industrial electrification's Survey, 5 May 2025, EGEC contribution

4 Cross cutting Task Forces of SET-Plan technologies

The Communication on the revision of the Strategic Energy Transition (SET) Plan in 2024 called for the establishment of five time-bound Task Forces dedicated to cross-cutting topics for the energy technologies of the SET-Plan:

1. Circularity and materials substitution
2. Research and innovation (R&I) for societal needs
3. Digitalisation
4. Skills
5. Access to market

4.1 Aims and Objectives of the Task Forces

The general objective of the task forces is to co-create technical recommendations in order to advance the work of the SET-Plan according to the five cross-cutting topics. Each of the Task forces need to deliver concrete outputs to tackle the SET Plan.

The envisaged recommendations include:

- At EU-level
 - New EU-legislative developments
 - Priorisation of EU funding
- For the core SET-plan stakeholders (IWGs and ETIPs)
 - R&I activities on the cross-cutting issues
 - Avoid duplication of existing activities

4.2 Process

The Task Forces are overseen by the SET-Plan Secretariat, supported by a temporary Support Office. Representatives of all ETIPs and IWGs contributing to the SET-Plan were invited to join the Task Forces. IWGs and ETIPs could nominate one representative and one alternate for each Task Force. Additionally, the European Energy Research Alliance (EERA), the Clean Energy Transition Partnership (CETP) and the Driving Urban Transition Partnership (DUT) were invited to nominate representatives.

A series of Task Force meetings (mainly online, with a kick-off workshop in conjunction with the SET-Plan 2024 conference in Budapest, Hungary) will be held to develop technical recommendations for

the cross-cutting themes. Figure 4 provides the indicative timeline for Task Force activities and main papers and recommendations produced.

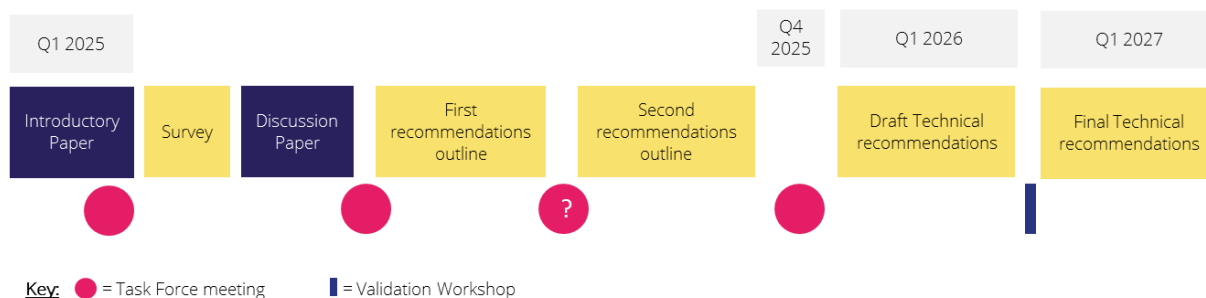


Figure 4: Indicative timeline for Task Force activities and main papers and recommendations produced.

4.3 Geothermal IWG and ETIP Geothermal participation

The table below lists the representatives nominated by the ETIP Geothermal and the Geothermal IWG.

Table 1: Representatives nominated by the ETIP Geothermal and the Geothermal IWG for the Task Forces dedicated to cross-cutting topics

Task Force	Geothermal IWG representative	Geothermal IWG deputy	ETIP Geothermal representative	ETIP Geothermal deputy
Circularity and materials substitution	Katrin Kieling	Gerdi Breembroek	Adele Manzella	Giulia Cittadini
Research and innovation (R&I) for societal needs			Ernesto Petteruti	Giulia Cittadini
Digitalisation			Javier Fermín Urchueguía Scholzel	Giulia Cittadini
Skills	Luca Xodo	Ester Halldórsdóttir	Miklos Antics	Emil Martini
Access to market	Luca Xodo	Ester Halldórsdóttir	Philippe Dumas	Emil Martini

GEOTHERM-FORA partners (EGEC, GEORG and GFZ) have participated in a cluster workshop dedicated to the cross-cutting Task Forces on 13 November 2024 in Budapest, Hungary. During this workshop, key priorities were identified per cross cutting theme. These priorities were sorted and grouped by the SET Plan Support Office and distributed to the Task Forces via the Introductory Paper (see Figure 4). The representatives for geothermal energy have contributed to all cross-cutting topics and tried to make geothermal highly visible among the renewable energy technologies.

The first online meeting of the Task Forces took place on 11 March 2025 to refine the priorities and identify specific barriers, solutions and recommendations from the different technologies contributing to the energy transition.

At the time of writing this report, further input on the outcomes of this first Task Force meeting is being collected from representatives. A second Task Force meeting is scheduled for the end of June 2025.