Dear Members of EGEC, dear readers,

It is a pleasure for me to present you with the EGEC Annual Report 2017, an occasion to reflect on the efforts and accomplishment of the past year and to look forward to the next.

At European level, the year 2017 has seen many developments for the geothermal sector. The Commission’s package “Clean Energy for All Europeans”, released in 2016, was at the forefront of the energy debate, with important votes and discussions both in the European Parliament and in the European Council to shape the Commission’s proposal for the revision of the Renewable Energy Directive. The geothermal sector has faced some challenges along the way, which our network has met with a prompt mobilisation, working together with all market actors to provide factual clarifications and develop concrete proposals.

Looking at the geothermal market, the latest edition of the EGEC Market Report (May 2017) shows that while the use of geothermal energy, particularly for heat, is slowly but steadily increasing across Europe, greater ambition is needed if Europe is to fully benefit from this energy source. Growing along the “business as usual” trend is not enough anymore, especially in the electricity sector: we need to tackle and remove, the several barriers, both technical and non-technical, that are slowing down the development. Permit processes should be shortened and projects’ timetables should be more clearly defined, in order to anticipate return on investments for operators. Another crucial point is to strengthen support from local communities, by making geothermal energy a valuable resource for people living in geothermal areas.

We also need to highlight more the role of the different geothermal technologies in the energy sector. In the electricity market, with an effort towards developing hybrid plants that use geothermal energy in combination with solar, biomass, and other renewable energy sources, geothermal could make a greater contribution towards the energy transition. In the heat sector, the decarbonisation should first take place with renewable heating and cooling technologies, and with a new vision of our cities, the development of smart thermal grids using geothermal will also offer new opportunities.

Last year also marked an important change: in May, EGEC has undergone an update of its visual identity, accompanied not just by a new logo but by a new website. Changing our visual identity has been a step further towards the recognition of the important role that geothermal has to play in the energy mix. The new logo, while hinting at our foundations, reflects the growth of the association, its constant commitment to the promotion of the geothermal industry in Europe, and the constant innovation that distinguishes the geothermal sector.

My first full year as EGEC’s President has been a stimulating journey. Now, in 2018, EGEC celebrates its 20th anniversary. This is an incredible milestone, and I would like to thank my predecessors and all our members for their tremendous and valuable support that has made it possible.

I look forward to working together for more new achievements in 2018!
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PROMOTING A SOUND REGULATORY FRAMEWORK FOR GEOTHERMAL IN EUROPE

EGEC’s priority is to promote geothermal energy in Europe. This means ensuring that the European regulatory framework accounts for, and is fit for, the different uses of geothermal energy, from electricity production to heat supply to buildings, services, agriculture or industrial facilities.

A policy Working Group, as well as task forces on district heating, geothermal heating pumps, and market design, are active in providing inputs and feedback for setting EGEC’s position on specific topics, supporting the EGEC’s secretariat and Board in representing the geothermal sector’s interests to the European Institutions.

EGEC’s active Working Groups and Task Forces in 2017:

- Policy
- District heating
- Geothermal heat pumps
- Market design
- Statistical data
Key policy of the year: Clean Energy for All Europeans

To provide continuity to the European climate and energy framework after 2020, the European Commission published at the very end of 2016 the Clean Energy for all Europeans, a package of policy proposals destined to set the regulatory basis for the EU climate and energy policy to 2030. Stated objectives of the bundle of eight legislative proposals are to ‘put energy efficiency first’ and ‘make Europe a world leader in renewables’.

The targets to 2030, laid out in the different pieces of legislations proposed by the European Commission, amount to:

- 40% reduction in greenhouse gas emissions;
- at least 27% energy efficiency improvements;
- at least 27% of renewable energy.

The simultaneous proposal of these different legislative text by the Commission aimed to set a consistent and interlinked regulatory framework for the European energy system, in line with the priority of setting an Energy Union. Among the regulatory elements proposed were provisions on support schemes for renewable energy, rules for the electricity market, the inclusion of renewables in buildings or the mainstreaming of renewables in the heating and cooling sector.

Legislative proposals with a direct impact on the geothermal sector after 2020 on which ENEG has focused are:

- the Renewable Energy Directive;
- the Energy Efficiency Directive;
- the Electricity Market regulation;
- the Governance regulation.

Outcomes of negotiations on the Clean Energy Package after 2017

In 2017, the European Parliament and the European Council conducted internal negotiations on the different texts. ENEG’s efforts focused on reaffirming several key messages that are crucial for the prospects of the geothermal sector in the post 2020 framework:

- Setting an adequate level of ambition for renewables to 2030;
- Recognising the specificities of different renewables technologies (innovation, flexibility, etc.);
- Demanding a robust framework for the deployment of renewables in the heating and cooling sector;
- Ensuring a solid governance framework to guarantee that the EU’s 2030 objectives are attained (and therefore providing investment security).

Some of the main issues defended by ENEG have been recognised in the position of either the European Parliament, the European Council, or both:

- A 35% renewable energy target in 2030
- Definition of geothermal energy as “energy stored in the form of heat under the surface of the earth”;
- Linear deployment trajectories for renewable energy sources between 2020 and 2030 (and sectorial trajectories);
- Renewables for heating and cooling: ambitious deployment objective with a reporting obligation on progress;
- The possibility for Member States to allocate support to renewable energy sources through technology specific provisions and for demonstration projects.
Key EGEC policy actions

EGEC met with Members of the European Parliament, officials from the European Commission, and delegates from the Member States permanent representations to defend issues that are key for the geothermal sector. It also contributed to the European policy debate by organising events, publishing positions and statements, releasing press articles.

Coordination with other renewable industry associations, or with NGOs, continues to prove pivotal to make the voice of the industry heard and achieve results such as a 35% RES target to 2030, or a strengthening of provisions for the renewable heating and cooling sector.

> Looking ahead: upcoming challenges in European climate and energy policies

In 2018, the key challenge for the geothermal sector will be to continue the scrutiny of negotiations on the Clean Energy Package and guarantee that geothermal energy is adequately represented in the different legislative proposals. In continuity with the work undertaken in 2017, EGEC will continue to present robust arguments in support of policy asks, to cement the positive outcomes achieved in the past year in the upcoming inter-institutional discussions.

Beyond the proposals that are part of the Clean Energy Package, the review of the Ecodesign Directive and the upcoming review of the State Aid Guidelines for Energy and Environment will also be among the key policy topics of 2018.

Looking further ahead, as the Clean Energy Package is entering its final phases, and the regulatory framework for the European energy sector between 2020 and 2030 are settled, the European Commission is directing its attention on what would come next too.

The European Commission’s proposal for a “mid-century strategy” should shape the European Climate and Energy policy until 2050.

Among the key issues on which EGEC will focus is the endorsement of sensible modelling for the heating and cooling sector. Experience in the past decade has shown that poor modelling of the sector forbids a serious consideration of the potential of geothermal for heating and cooling in the climate and energy policy debate.

Furthermore EGEC will be working to ensure the European Union continues funding innovative geothermal energy projects for electricity and for heating and cooling in the next programming period for the Multiannual Financial Framework (after 2020).
Key EGEC policy events

Main events targeted at European stakeholders which EGEC has organised or co-organised, to address the most pressing policy issues.

> EGEC Policy Roundtable

In May 2017, EGEC hosted a policy roundtable that discussed the place of geothermal in the EU’s energy system in a 2030 perspective. During the event, EGEC renewed visual identity and the Geothermal Market Report 2016 were also unveiled.

> The Clean Energy Package: Towards a smart and sustainable heat market

This high-level event, co-organised in partnership with Euractiv and other RES associations, addressed the current state of the heating and cooling sector in Europe and future policies. Panelists included: Jose Blanco Lopez MEP, Paula Abreu Marques (Head of Unit, European Commission), Siim Meliste (Estonian Presidency of the European Council).

> EUFORES InterParliamentary meetings in Malta and Tallinn

As supporting Member of EUFORES, EGEC took part of the IPM meetings in Malta and Tallinn attended by Members of the European Parliament, Members of European national parliaments, representatives of governments and local authorities and representatives of the renewable industry community.

> Policy Press Breakfast

Ahead of the ITRE vote on the Renewable and energy efficiency Directives and the Governance regulations, in November 2017, EGEC, AEBIOM, Solar Power Europe, and Solar Heat Europe organized a press breakfast for reporters on EU energy policy, moderated by Agence Europe, to address whether the tabled proposals were consistent with what had been envisioned to ensure Europe’s clean energy future.

> European Sustainable Energy Week

During the European Sustainable Energy Week, EGEC co-organised two policy sessions. “A post-2020 Renewable Support Framework Fit for the Energy Transition”, moderated by Sean Kelly MEP (shadow rapporteur for the recast Renewable Energy Directive, debated the topic of support schemes for renewable energy sources, while “Innovation in the Renewable Heating and Cooling sector” (see: Projects) presented the innovative projects for heating and cooling.

> EUFORES Annual Event

EGEC was among the panelists at the EUFORES Annual Event in Brussels, where we provided the perspective of the geothermal sector on the European heating and cooling policies to 2030.
> Renewable heat sources: The best available solution to decarbonise the heating sector

The paper assesses the risks of a wild electrification in the heating and cooling sector, and highlight the benefits of direct sources of heat coming from renewable sources such as biomass, geothermal and solar thermal energy.

> The role of Primary Energy Factor (PEF) in ecodesign

In the framework of the revision of the EU-wide primary energy factor (PEF) for electricity under the Energy Efficiency Directive, the paper addresses the risks of utilising the PEF as a policy tool for driving investment in heating and cooling.

> Modelling of the heating and cooling sector in the Clean Energy Package

In this policy paper, EGEC assesses the current European Commission’s energy modelling, used to generate forecasts that serve as basis for policy proposals and policy making. The analysis shows a lack of robustness in the Commission’s forecasts for the heating and cooling sector, which translates in a lack of ambition, in the initial Commission’s proposal, for the future of the renewable heating and cooling sector.

> Factsheets series on key policies of the Renewable Energy Directive


> Geothermal as a renewable energy source: addressing the debate on emissions from geothermal power plants

Following amendments to the Renewable Energy Directive proposing to limit the eligibility of geothermal energy as a renewable source based on emissions criteria, EGEC addressed the issue from a regulatory point of view and detailed how the environmental impact of geothermal could best be regulated.

> Coal Regions in Transition

In December 2017, the European Commission launched a Platform on Coal Regions in Transition to help regions with coal mining activities identify, develop, and implement projects with the potential to kick-start a viable economic and technological transformation. EGEC published a factsheet illustrating the many ways in which geothermal can help regions achieve the energy transition.

> Technology neutrality

This joint assessment aims to promote a regulatory framework in which Member States have the possibility to set technology specific support schemes, which allows to consider the specific challenges of innovative technologies, and to acknowledge the additional services flexible renewables such as geothermal can provide.

**THESE STUDIES ARE AVAILABLE ON THE EGEC WEBSITE, IN THE SECTION: "POSITION PAPERS".**
COMMUNICATION ACTIONS

4,324 NEWSLETTER READERSHIP WITH +3% AVERAGE SUBSCRIPTION RATE

27 AND 11,196 VIDEOS ON GEOTHERMAL

1,108 LINKEDIN FOLLOWERS

1,211 FACEBOOK FOLLOWERS

2,017 TWITTER FOLLOWERS AND 805 TWEETS
At the beginning of 2017, EGEC has undergone a complete refresh of its visual identity, launching a new logo and a new website.

The rebranding was an important step to acknowledge the growth of the association and its constant commitment to the promotion of the geothermal industry in Europe.

The new logo still carries a reference to the old mark, which has been in force since the founding of the association in 1998, but it brings to it a new dynamism which encases the values professed by the organisation and its members – professionalism, reliability, and modernity. The brand presents, in a visually concise form, the essence of geothermal energy, both in its process and in its symbolism of colours, with the characteristic ‘v’ shape representing the renewable energy coming from the ground and raising towards a more sustainable use of our energy sources.

**Key communication action of the year:**
A new image, to reinforce our mission and values
Key events

CONFERENCES AND EVENTS AROUND EUROPE WITH WHICH EGEC HAS PARTNERED TO DISCUSS KEY MARKET AND POLICY DEVELOPMENTS AFFECTING THE GEOTHERMAL SECTOR.

> The European Geothermal Innovation Award at GeoTHERM

The European Geothermal Innovation Award is given annually to companies which have made an outstanding contribution towards the field of geothermal energy in the form of innovative products, scientific research or project initiatives. The award recognises originality, innovation, reliability, reduction of emissions and improvements in energy output, an opportunity for industry peers to acknowledge excellence, and for the most exciting ideas to be widely publicised. The Award is an initiative of EGEC and Messe Offenburg, organisers of the GeoTHERM expo & congress.

The fourth edition of the award was awarded to enOware GmbH, for their miniaturised sensor which allows to professionally plan, monitor and measure near-surface geothermal probes.

> High-Level Conference of the Global Geothermal Alliance

The High-Level Conference of the Global Geothermal Alliance, held in September 2017 in Florence, Italy, was a significant step that signaled the importance of geothermal for the transition towards clean energy. This meaningful event discussed in depth the main barriers faced by the geothermal sector, leading to a commitment shared by many governments to pursue a greater ambition for geothermal development. deliver a speech about the contribution of the European geothermal sector to the GGA objectives. EGEC delivered a speech on Strengthening Enabling Frameworks: Geothermal Policy, Regulation and Finance. The presentation, by EGEC President Ruggero Bertani, is available on the EGEC website.

> IGC Invest Geothermal

In November 2017, EGEC has been proud partner to the first global geothermal investment forum. Organised by ThinkGeoEnergy and Enerchange, IGC Invest Geothermal discussed current issues in financing of geothermal projects and developing new investment opportunities.

The EGEC Policy Forum on Market driving and development forces, anticipated by a pre-event webinar that saw more than 60 participants from around the world, discussed the impact of recent reforms and how they can lead to innovative financing schemes and business models.

Other conferences and events to which EGEC has participated to present the status of geothermal energy in Europe include:

13th SEE Exhibition and Conference on Renewable Energy & Energy Efficiency (Sofia, Bulgaria); OMC - Offshore Mediterranean Conference 2017 (Ravenna, Italy); BRUGE’s workshop: La géothermie à Bruxelles (Brussels, Belgium); AEBIOM Annual Conference European Bioenergy Future (Brussels, Belgium); QualEnergia X Forum on Rinnovabili ed economia circolare per cambiare il futuro (Rome, Italy); GEOEner, 5th Congress on geothermal energy for the industry and building sector (Madrid, Spain); SET Plan Conference 2017 (Bratislava, Slovakia); MEXIREC 2017 (Mexico City); Potential for geothermal energy in Croatia (Zagreb, Croatia); EUFORES 17th Inter-Parliamentary Meeting on Renewable Energy and Energy Efficiency (Valletta, Malta); 12th IEA Heat Pump Conference (Rotterdam, The Netherlands); Conference of Low Carbon Policy Instruments (Brussels, Belgium).
Key media and publications

After the rebranding, EGEC also updated the format of its news and updates to offer a more digital experience, with news easier to read on the go, also from tablet and mobile. Through our monthly newsletter, we inform our audience in the geothermal sector on interesting news, EGEC actions, and news from our members and partners for projects and events. The audience of the EGEC newsletter has grown significantly in the last few years, and in 2017 it had a steady monthly average growth rate of 3%. To subscribe to our newsletter, visit the EGEC website. Every week, EGEC also publishes its established “Roundup”, a weekly aggregation reserved exclusively for members that focuses on the latest business opportunities and policy developments.

> Communication tools

EGEC continuously works on developing communication tools in a variety of formats, including videos, factsheets, and updated reports. In 2017, EGEC has released ...

... 4 new videos

- EGEC, the voice of geothermal in Europe;
- More ambition for renewable heating & cooling;
- How geothermal can help to decarbonise cooling needs in buildings;
- The European Geothermal Innovation Award 2017: highlights.

... 4 new or updated publications

- Technology brochures: Geothermal uses in agriculture;
- Technology brochures: Geothermal heat pumps;
- Funding guide for geothermal projects (Members Only);
- Geothermal in cooling (in collaboration with CoolingEU).

Some of the media that have featured EGEC news are:

ThinkGeoEnergy
EURACTIV
ENDS Europe
ESI Africa
Renewable Energy Magazine
PanEuropean Networks
New Europe
Hill+Knowlton Strategies

> EGEC in the media

EGEC works constantly to increase the visibility of the geothermal sector through collaborations with specialised press.

EURACTIV Special Report on Heating & Cooling

In June 2017, EGEC and other RES associations supported EURACTIV to run a special report that addressed the needs of the heating and cooling sector, still using 84% of polluting fossil fuels, and to look at what policymakers can do to move towards a more sustainable heating and cooling system. The special report generated a very positive interest, recording 4.800+ page views and 1200+ social media shares. The special report is available on the EURACTIV website.

ALL PUBLICATIONS ARE AVAILABLE ON THE EGEC WEBSITE, IN THE SECTION: "MEDIA & PUBLICATIONS".
Projects

4
PROJECTS ONGOING

12
EU FUNDED PROJECTS COMPLETED
The DG ETIP project aims to support the activities of the European Technology & Innovation Platform on Deep Geothermal (ETIP-DG). The ETIP-DG is an open stakeholder group, endorsed by the European Commission under the Strategic Energy Technology Plan (SET-Plan), with the overarching objective to enable deep geothermal technology to proliferate and reach its full potential everywhere in Europe. The primary objective is overall cost reduction, including social, environmental, and technological costs.

In 2017, the ETIP-DG stakeholders gathered in three different occasions (February, June, and November). The collaboration of the members, the Secretariat, and the Steering Committee produced the Vision for Deep Geothermal, a publication outlining the path of the deep geothermal industry to 2050 which is set to be released in early 2018.

The Secretariat of the ETIP-DG is jointly managed by EGEC, VITO and CNR.

European Technology & Innovation Platform on Deep Geothermal (ETIP-DG)

TO KNOW MORE VISIT: www.ETIP-DG.EU

COLLABORATING TO FOSTER RESEARCH, INNOVATION, AND MARKET UPTAKE

ALONGSIDE NATIONAL PROGRAMMES, THE EUROPEAN UNION CONTRIBUTES TO R&I IN GEOTHERMAL BY FINANCING RESOURCE ASSESSMENT AND A NUMBER OF DEMONSTRATION PROJECTS. SOME KEY POLICIES AND REGULATIONS AT EUROPEAN LEVEL ARE THE EUROPEAN TECHNOLOGY AND INNOVATION PLATFORMS (ETIP), HORIZON 2020, AND THE INNOVATION FUND/NER300.

EGEC SUPPORTS ITS MEMBERS AND PARTICIPATES IN A WIDE RANGE OF EU-FUNDED PROJECTS, EITHER AS COORDINATOR OR PROJECT PARTNER.
GEMex

GEMex - Cooperation in Geothermal energy research Europe-Mexico for development of Enhanced Geothermal Systems and Superhot Geothermal Systems - has the ambition to bring together the extended Mexican know-how of discovering, developing, and deploying conventional geothermal energy systems with a variety of European expertise of developing EGS technology, and finding new approaches to make use of super-hot geothermal systems. The approach should lead to concepts for extended future deployment of geothermal energy in Europe and Mexico.

To know more visit: www.GEMEX-H2020.EU

> GEMex Stakeholder Board

The mission of the GEMex Stakeholder Board is to strengthen the liaison between industry and research, preparing the basis for a continued cooperation between Europe and Mexico on future geothermal development. The kick-off meeting of GEMex Stakeholder Board meeting successfully took place in Brussels on November 15th, 2017. The fruitful discussion arose many interesting points, which touched, among other things, upon lessons learned and next actions for market development.

GeoHeatPol

GeoHeatPol stands for “Geothermal energy – a basis for low-emission space heating, improving living conditions and sustainable development – preliminary studies for selected areas in Poland”. This EEA Project has carried out preliminary feasibility studies for geothermal district heating pilot projects for four municipalities in Poland from July to November 2017; the shared expertise, technology, and good practices in geothermal heating from Norway and Iceland were pivotal to the success of the project. The use of the project’s outcomes will increase the chances of designing energy efficient and economic geothermal installations in Poland. Many high-level Polish public authorities, including the Environment Minister Prof. Jan Szyszko, expressed their support to this initiative to increase geothermal development in their country.

The main outcomes of the EEA project were presented and disseminated in the Final Conference in Warsaw on October 24th, 2017, and the Project Manager (MEERI PAS) sized the opportunity to showcase such results during a Side event on geothermal in Poland organized by the Ministry of the Environment at COP23 in Bonn.

EGEC, as a project partner, participated in the study visits in Poland and Iceland in September and October 2017, and contributed to the Final Report.

To know more visit: www.EEAGRANTS.AGH.EDU.PL
RHC-ETIP

The European Technology Innovation Platform on Renewable Heating and Cooling (RHC-ETIP) brings together stakeholders from the biomass, geothermal, solar thermal and heat pump sectors – including the related industries such as district heating and cooling, thermal energy storage, and hybrid systems – to define a common strategy for increasing the use of renewable energy technologies for heating and cooling. The Geothermal Technology Panel is composed by circa 300 geothermal experts from the industry and the research sector.

> Annual Conference and Geothermal Technology Workshop

Held in June 2017 in Brussels, the Annual Conference discussed the conditions to increase innovation in the RHC sector in the EU and the role of renewable heating and cooling in the SET Plan. The Geothermal Technology Workshop presented the opportunities offered by H2020 open calls to foster exchange between potential project partners. It also presented feedback from ongoing Geothermal R&D projects in the shallow geothermal sector. As part of the European Sustainable Energy Week 2017, the RHC-ETIP also organised a policy session on “Innovation in the Renewable Heating and Cooling sector”. Representatives from the five technology panels of the RHC-ETIP (Biomass, Solar Thermal, Geothermal, Heat Pumps and Cross-cutting), debated the main conditions to increase innovation in the different technologies of the RHC-sector.

> Brokerage event on the H2020 Energy Work Programme 2018-2020

Organised by the RHC-ETIP, in collaboration with the ETIP-DG and the DHC+ Technology Platform, a brokerage event on the upcoming Horizon 2020 Energy Work Programme 2018-2020 was held in November 2017 in Brussels. The event fostered cross-sectorial cooperation between the different technologies under the scope of the platforms.

TO KNOW MORE VISIT: WWW.RHC-PLATFORM.ORG

GeoTRAINET

Started as an European project, GeoTRAINET is now a non-profit organisation dedicated to training and certification programmes for shallow geothermal installers, specifically designers and drillers. Its Secretariat is managed by the EGEC and the European Federation of Geologists. (EFG). In November 2017, during its Annual General and Board Meeting, Javier Urchueguia, from Universitat Politècnica de València (UPV), was appointed as the new GeoTRAINET President.

TO KNOW MORE VISIT: WWW.GEOTRAINET.EU

TO KNOW MORE VISIT: WWW.GEOTRAINET.EU
GEOTHERMAL MARKET REPORT

MORE THAN

100

POWER PLANTS

+10%

AVERAGE ANNUAL GROWTH FOR GEOTHERMAL DISTRICT HEATING IN THE LAST 5 YEARS

1.7

MILLION INDIVIDUAL GEOTHERMAL HEATING SYSTEMS INSTALLED
EGEC’s flagship publication, the EGEC Geothermal Market Report was originally developed to fill an information gap in the geothermal sector. It is designed to give market intelligence to companies and investors already working in the sector, and to inform new entrants about the current state of the market and its future development.

The report is compiled each year using data from various statistical analyses, local experts, utilities, energy agencies, and national associations. It includes details of all major projects in operation, under development, and under investigation, as well as an analysis of market development, the regulatory and public policy environment, financial tools and incentives, market forecast, and key players. Every year, the report also offers an in-depth review of different geothermal technologies.


The 2016 edition, released in May 2017, has been a five-year assessment of the electricity, district heating, and geothermal heat pump sectors, with a section dedicated to equipment. Analysing the developments up until December 2016, the report showed growth in all areas, but noted that there is a great deal of untapped potential.

In Europe, there exist more than 100 geothermal power plants, with an installed capacity that amounted to around 2.5 GWe in 2016 (of which 1 GWe is in the EU), producing some 15 TWh of electrical power every year. District heating and cooling is a success story for geothermal in Europe, and it looks set to see rapid and dynamic expansion in coming years. Between 2012 and 2016, 51 new plants have entered into operation (all in the EU), which represents an average annual growth of 10%. The total installed capacity in Europe is now approximately 4.9 GWh with the main markets for future years being France, Netherlands, Germany, and Hungary. The shallow geothermal market is the largest market by far. Yet the installation growth rate is declining; a capacity of more than 20 GWh was achieved at the end of 2015, distributed in over more than 1.7 million installations in Europe.

The Key Findings of the report are available on the EGEC website.

The full report, complete with supporting data and tables, is only available to EGEC members.
ABOUT EGEC

MORE THAN 120 MEMBERS

28 COUNTRIES

19 YEARS OF EGEC
ABOUT EGEC, THE VOICE OF GEOTHERMAL IN EUROPE

Representing the European geothermal industry

EGEC, the European Geothermal Energy Council, is a non-profit international organisation founded in 1998 to promote the European geothermal industry and enable its development both in Europe and worldwide, by shaping policy, improving business condition, and driving more research and development.

Based in Brussels, we work with our members on policy, market intelligence, and communication, providing a link between the industry and European institutions.

Mission and values

Our aim is to foster the development of the European geothermal industry inside and outside of Europe. In order to achieve it, EGEC is working to reach a sound policy framework and financial instruments which allow geothermal energy to compete with traditional sources and to increase research and development.

Our Members

More than 120 members from 28 countries, including developers, equipment manufacturers, electricity providers, national associations, consultants, research centres, geological surveys, and public authorities, make EGEC a unique network, uniting and representing the entire geothermal sector.

The full list of our Members is available in the Membership section of our website.
EGEC's Board

**PRESIDENT**
**Ruggero Bertani**  
ENEL Green Power, Italy

**VICE-PRESIDENT**
**Miklos Antics**  
GPC IP, France

**VICE-PRESIDENT**
**Javier Urchueguia**  
Energesis, Spain

**ORDINARY MEMBER**
**Marco Baresi**  
Turboden, Italy

**ORDINARY MEMBER**
**Robert Gavriliuc**  
Romanian Geoexchange Society, Romania

**ORDINARY MEMBER**
**Thor-Erik Musaeus**  
Rock Energy, Norway

**TREASURER**
**Attila Kujbus**  
Geothermal Express, Hungary

EGEC's Secretariat

**SECRETARY GENERAL**
**Philippe Dumas**

**POLICY OFFICER**
**Thomas Garabetian**

**COMMUNICATION OFFICER**
**Valentina Pinzuti**

**POLICY & COMMUNICATION ASSISTANT**
**Cristiana Marchitelli**

Also part of EGEC Secretariat in 2017:
**Luca Angelino**, as Head of Policy and Regulation
**Maria Amparo Lopez Martinez**, as Communication Assistant
**BECOME AN EGEC MEMBER**

EGEC’s members include private companies across the value chain, national associations, consultants, research centres, geological surveys, and public authorities. The full list of our Members is available in the Membership section of our website.

Membership of EGEC is open to private and public bodies operating in the geothermal sector provided that they are located or have operations within Europe. Membership fees are based on size, turnover, and scope of the body requesting association.

Apply for membership by completing the **ONLINE APPLICATION** in the Membership section of our website. For more information, contact the EGEC Secretariat at **com@egec.org**

**> Policy & Public Affairs**

EGEC represents its members in relations with the European institutions, offering access to decision-makers and support to influence legislation and European policies. Members participate in the process through their voluntary contribution to working groups and task forces composed by experts from the industry and the research sector.

**> Business Intelligence**

Members receive intelligence on regular basis through our monitoring, analysis and research on new regulations and financial developments that affect the geothermal industry, including guidance and advice on EU funds available for the geothermal sector and preview information about Horizon 2020 calls financed by the European Union.

**> Communication & Events**

EGEC encourages promotion and networking between and on behalf of its members to encourage new business opportunities. Members additionally receive discounts on the price of tickets and exhibition space at EGEC events such as the upcoming European Geothermal Congress (EGC 2019) or partner events like Geotherm Offenburg.
EGEC Annual Report

The voice of geothermal in Europe

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