

### *A Word from the EGEC President*

Dear members of EGEC,  
dear readers of this newsletter,

This month started with the very successful trade fair, Geotherm 2013 in Offenburg, Germany, where I had the opportunity to meet a lot of old friends and colleagues, and many new actors in the geothermal field. The fair was as perfectly organised as the years before, and the number and quality of the exhibitors simply excellent. An event where one can see the cutting edge geothermal technology in a single spot – truly worthwhile to be there, and so I am already looking forward to the 2014 edition!



Photo: Messe Offenburg



For our own event, the European Geothermal Congress EGC 2013 this June in Pisa, the preparation work is accelerating as the event draws closer. The preliminary program is now published on the congress [website](#), and you can start planning your personal agenda by picking from the various parallel sessions, the approximately 150 posters to be exhibited throughout the congress period, and the side events organised by EU-supported projects. Because the fine-tuning of this complex program took more time than anticipated, the deadline for early bird registrations is extended to 30 March

2013. Register now, and be part of this unique geothermal event!

EGEC released last week a position paper concerning the upcoming EC Communication on Energy Technology and Innovation. We are concerned about the status geothermal energy will have in this document and in future policy, in particular with respect to other renewable energy sources which seem to be more in focus. You can find the full document on the EGEC [website](#), and some information inside this newsletter.

Highlighting the importance of recognition and support by European decision-makers in the Commission, the Parliament, and the Council, I would like to draw your attention again to the 4th Conference of the European Technology Platform for Renewable Heating and Cooling in Dublin at the end of April. This conference will provide a chance to bring the opportunities inherent in geothermal energy use, as well as the existing barriers and necessary measures to the attention of these decision-makers. So come to Dublin and help us make the case for geothermal energy! The agenda and registration info can be found [online](#).

And now I wish you an interesting read,

Burkhard Sanner

#### In this ISSUE NO. 32:

Policy	p2
News	p3
News: EGEC Projects	p4
Upcoming Events & Events Calendar	p5-6

# Policy Update

## Find out about the policy issues EGEC is involved in while promoting the Geothermal sector!

### Commission adopts decision establishing guidelines on calculating renewable energy from heat pumps

On 1st March 2013 the Commission decision establishing the guidelines for Member States for calculating renewable energy from heat pumps from different heat pump technologies pursuant to Article 5 of Directive 2009/28/EC was adopted { C(2013) 1082 final }. The Decision has also been published in the Official Journal of the European Union.

These guidelines allow Member States to account for and calculate the renewable energy supplied from heat pump technologies. In particular they set out how Member States shall estimate the two parameters Qusable and the 'seasonal performance factor' (SPF), taking into consideration differences in climatic conditions. The guidelines may be revised and complemented by the Commission by 2016, if statistical, technical or scientific progress necessitates it. The English version of this decision can be found [here](#).

### Position paper on SET-Plan: EGEC calls for a dedicated European Geothermal Industrial Initiative

The European Commission (EC) has foreseen a Communication on energy technologies and innovation, which aims to give a European energy technology policy perspective and, at the same time, to give a new impetus to the Strategic Energy Technology (SET) Plan.

In this framework EGEC has released a new position paper in which it recommends an increase in EU R&D support to bring down the cost of advanced geothermal technologies. The geothermal industry also urges the Commission to make concrete proposals to develop the SET-Plan to boost emerging generations of key renewable energy technologies. This paper concludes that it is of the utmost importance to kick-off serious discussion to upgrade the status of geothermal in the SET-Plan and to enhance the role of the industry through a dedicated European Geothermal Industrial Initiative (EGII). You can read the full position paper [here](#).

## News

### Drilling begins in St. Gallen, Switzerland

On the 4th March at 6:55, drilling began for the power and heating project in St. Gallen. ITAG will drill to around 4.5km, and the system will produce water at 140-150C. The project is run under a Swiss-Grid exploration risk insurance scheme for €24mio, whilst the citizens of St. Gallen voted for a municipal loan to the project of 159CHF. You can watch a video (DE) of the ground breaking [here](#).

### Work begins on 'Bagnore 4' Tuscany, Italy

Enel Green Power has begun the construction of the Bagnore 4 geothermal power plant in the province of Grosseto. With an expected investment of €120Mio. The project will see the installation of two 20MW turbines, which will generate up to 310Milion kWh of electricity per year.

# News

## NER300 The Commission will publish the 2nd call for proposals for NER 300 on the 3rd April

The European Commission will launch its second NER300 call for proposals for the co-financing of demonstration projects of innovative RES, including geothermal technologies. You can find more information on the [DG CLIMA website](#) & [www.ner300.com](http://www.ner300.com). Moreover, the Commission has planned an Information Day for stakeholders on 10 April 2013 in Brussels. This will be web streamed live for those of you unable to attend.

Please note that the deadline to submit your proposal to your Member State should be 3 July 2013.

We will send you soon EGEN's practical guide to NER 300 in order to help you develop your projects. In addition EGEN will organise a workshop in April or May to present this call to project developers. Details will be announced online soon.

If you need more information, don't hesitate to contact us, preferably [by email](#).

## Commissioner Oettinger: geothermal 'offers solutions we cannot ignore'

During his closing speech at the Icelandic Geothermal conference, EU Energy Commissioner Oettinger today backed binding targets for renewables for 2030, noting that geothermal energy can 'help us reach our energy and climate goals'. He said that Geothermal 'offers solutions we cannot ignore' and that we can expect it 'to become more and more prominent'. You can read Oettinger's full speech [here](#).

## Geothermal Developing in South East Europe

The SETimes notes several interesting projects developing in South East Europe. In Macedonia, the EC has funded a €140Mio. project to develop the potential in Kocani. Todor Kushevski from the Bureau of Research and Development, noted that "The project will provide cheaper and cleaner fuel in comparison with crude oil for the needs of industrial facilities," and that "Geothermal businesses create jobs, foster commercial growth, promote rural development, pay taxes and attract tourists." Romania's agricultural sector has also been boosted with €2mio. of investment, "The thermal waters in western Romania have an energy potential that cannot be neglected. The State Administration is making the efforts to identify, in the European community, the necessary funds for projects dedicated to the use of the energetic potential of thermal waters to heat homes, greenhouses and technological water," Noted Daniel Scradeanu, a professor at the University of Bucharest Faculty of Geology and Geophysics. Ralf Tilo Vajdler, CEO of Geotermon who visited Serbia last year said that the country could satisfy most of its electricity needs with geothermal resources. Belgrade lies on geothermal waters and already produces 100 MWth.

### New research centre "Laboratorio del Centro di Eccellenza per la Geotermia di Larderello" to be constructed in Tuscany

Cosvig will open a centre of expertise on advanced topics in geothermal energy in Larderello. This field laboratory will accommodate experiments and information exchange, focusing on medium, low and very low enthalpy uses. Once established, the centre will be run by Energea, with the University of Pisa and the Scuola Superiore Sant'Anna.

### World Bank to create a new fund for International Geothermal Development

MD Sri Mulyani Indrawati announced the bank's goal of raising 550USD for new geothermal projects at the Icelandic geothermal conference. Cleantechia reports that, with a special interest in supporting the initial drilling phase, the World Bank Geothermal Plan 'is intended to help overcome technical, financial, workforce and political barriers for developing countries with geothermal potential, and there are at least forty of these nations.'

# News from EGEC Projects

## Update from project GeoDH

National workshops in Poland, Czech Republic, France, the Netherlands, Slovenia and Romania

**National workshops will be held in**

Bordeaux, France	27/03/2013
Heerlen, The Netherlands	03/04/2013
Dublin, Ireland	09/04/2013
Bucharest, Romania	16/04/2013



Draft agendas and presentations from past national workshops are constantly uploaded in the [Events section](#) of the website.

## Update from project GEOELEC

**GEOELEC training course  
AGENDA NOW AVAILABLE!**

GEOELEC is organising a second training course on geothermal electricity. The course aims at providing a geothermal background to public authorities and the financial sector and a specialization for geothermal professionals and employees of the oil/gas/mining sectors. This is the second training course on geothermal power in a series of three: the final course will be held in Italy later in 2013. Final agenda can be [seen online](#). The agenda includes:

Day 1: Course on Market, legal, environmental and financial aspects and regulatory barriers

Day 2: Course on Geothermal Exploration and EGS Technology

Day 3: Course on Drilling and site visit to The Gross Schoenebeck geothermal test site

Day 4: Course on Flash steam and binary technology and Plant operation, energy supply and grid integration

This is the second training course on geothermal electricity in a series of 3: one more will be organised in Italy in 2013.

Please complete the reply form, attach a short CV and your motivation, and send it back to [com@egec.org](mailto:com@egec.org)

# GEOELEC

### Details

<b>Date</b>	15 to 18 of April 2013
<b>Venue</b>	Potsdam, Germany
<b>Topic</b>	Training Course on geothermal electricity
<b>Deadline for registration</b>	1st of April 2013

## Update from project ThermoMap

**User & Promotional Seminar, 26 February 2013, Rehau, Germany**

# ThermoMap

On 26th February 2013 another ThermoMap User & Promotional seminar in cooperation with REHAU took place in Erlangen, Germany. Project coordinator David Bertermann (FAU), Mario Psyk (REHAU) and Reinhard Brodrecht (GBI) presented different aspects of the R&D activities of the ThermoMap project with a focus on the uses of the developed ThermoMap MapViewer (WebGIS estimation tool for the very shallow geothermal potential in Europe). The photos from this successful event, gathering stakeholders from various target groups, give some impressions. One key question from planners during the discussions was about the sustainability and the continuation of the MapViewer tool after the official project end on August 2013. See [here](#) the upcoming events.

# Events

## European Geothermal Congress 2013

Early bird offers extended and preliminary agenda online. Register Now!



### Early bird offer Extended - Book now!

Due to the largest ever number of papers being submitted to the congress, the announcement of the agenda was delayed. As the agenda was just announced last week, the early bird offer has been extended until the 30 of March 2013. You can register [here](#).

### The preliminary agenda for EGC2013 has now been released and can be viewed [online](#).

We are excited to be able to present an unprecedented range of high quality papers, covering the whole geothermal sector!

For three days of Congress, over [four parallel sessions](#), both the technological and socio-economic aspects of deep and shallow geothermal will be discussed.

EGC2013 also includes [poster presentations](#)- and excellent way to educate yourself about the cutting edge developments in the sector.

The congress week will also see actors gather for [ISS short courses](#) on shallow and deep geothermal, and for three European project conferences, amongst other side events.

Special networking opportunities are also available, with a welcome cocktail at the start of the week and a congress banquet. Two hundred congress participants will have the chance to participate in a trip to the geothermal fields of Larderello celebrating the one-hundred years of geothermal electricity production.

Organised by the European Geothermal Energy Council, the voice of the geothermal sector in Europe, and with +500 attendees expected from both industry and academia, this long awaited congress is a key Geothermal event in 2013!

### Details

Date	3 to 7 June 2013
Venue	Pisa, Italy
Early bird extended until the 30 of March 2013	Register <a href="#">here</a> .
Agenda online	See it <a href="#">here</a> .

### Take advantage of the last exhibition and sponsorship opportunities available!

Exhibition Registration: we are still accepting registrations for the exhibition which will run throughout the congress, from 4-6th June. Palazzo dei Congressi offers a unique and flexible space for exhibitors. We have a range of booths available, from six to twelve meters squared, but if you have some other ideas for the space, we'd love to hear about it. [Download the brochure here](#).

**Sponsorship Opportunities:** We are offering the opportunity to sponsor individual parts of the congress, from coffee breaks to pens, as well as sponsorship packages, so you're sure to find something that fits your needs. EGC2013 is already attracting players from across the sector; Sponsorship is a great way to get your message across and put yourself at the centre of the industry. [Download the brochure now!](#)

## Less than one month left until the 4th European Conference on Renewable Heating and Cooling

### The Preliminary Programme is available online!

The conference programme points the spotlight on the new Strategic Research Agenda for Renewable Heating and Cooling. Over the course of three plenary and seven parallel sessions, conference delegates will have the unique opportunity to participate in defining

which research, development and demonstration projects are best suited to implement the SRA until 2020. Stakeholders from all RHC industries as well as researchers, technical experts, policy makers and other market players will have the opportunity to discuss the latest trends for biomass, geothermal, solar thermal, heat pumps, thermal energy storage and district heating and cooling and plot the course toward widespread technology deployment. Click [here](#) to reserve your space .



## Events

### 6th EHPA European Heat Pump Forum, 15 May 2013, Brussels



The EHPA European Heat Pump Forum is back with a focus on policy developments on Energy Labeling, F-Gas Regulation and RES targets beyond 2020.

Keynote speakers from all over Europe will provide the participants with out-of-the-field information and the latest developments on EU policies and market. The annual European Heat Pump Forum, organised by EHPA since 2007, brings together EU decision makers, industry experts and European heat pump manufacturers.

**Programme:** Gain insight into the latest market trends as well as recent development in EU legislation affecting the technology. Over the course of three sessions, high-level speakers such as Marie Donnelly (DG Energy) and other EU stakeholders will elaborate on “Policy & Markets”, “Technology Development”, and “Heat Pump research”. Next to that, developments in hybrid systems, smart grid solutions and the future outlook of the heat pump market will be highlighted. Participants will have the opportunity to interact with the speakers and take part in discussions.

**Registration:** [Book your place](#) before 31st March and benefit from the early bird rate!

**Become a sponsor** of the event and position your company as a key player in the heat pump market. For more information about the sponsorship packages, contact [eirini.litina@ehpa.org](mailto:eirini.litina@ehpa.org) or visit the [website](#).

## EGEC Events Calendar 2013



[COGEN Europe Annual Conference & Dinner, 18-19 April 2013, Brussels, Belgium](#)



[European Conference on Renewable Heating and Cooling, 22-23 April 2013, Dublin, Ireland](#)



[International Geothermal Conference, 15-17 May 2013, Freiburg, Germany](#)



[6th European Heat Pump Forum, 15 May 2013, Brussels, Belgium](#)

### **ENERGY EUROPE**

[Energy Europe 2013, 23-25 May 2013, Copenhagen, Denmark](#)

Copenhagen, 23 – 25 May 2013



[EU Sustainable Energy Week 24-28 June 2013, Brussels, Belgium](#)

[Second Sustainable Earth Sciences Conference & Exhibition \(SES 2013\), 30 September–4 October 2013, Pau, France](#)



[GeoPower Europe 2013, 3-4 December 2013, Amsterdam, Netherlands](#)



EGEC ASBL, Renewable Energy House, Rue d'Arlon 63-67, Brussels 1040, Belgium