

What did you enjoy at the Summer School?

nice to see people from different countries with a common goal: exploring the potential of shallow geothermal applications and their integration into sustainable energy solutions for city

Martand (NTNU, Norway): It was nice to meet so many young people interested in Geothermal energy. Speakers from different fields covering technical, legal and financial aspects.

Fawad (Italy): The event was a great blend of professional and recreational activities with many chances to have networking with people of similar interests. Hats off to the organizers

Daniel: The mixture of lectures, project, field trips and exchange with other researchers was well organized and in a pleasant atmosphere.

Nick (US): I enjoyed visiting the ATES system on the TU Delft campus. I love looking at the mechanical rooms of buildings.

Klaas (Denmark): Great mix between interesting lectures, exciting field trips and a hands-on project in the cosy Dutch surrounding of Delft.

Xenia (Germany): Exchange with many nice people who are interested in geothermal energy, cycling to geothermal sites (so dutch :P), interesting lectures

Sindu (Poland-Hungary): It was nice to meet like-minded people interested in geothermal energy. The lectures were interesting, also I enjoyed the cycling.

Andreas (Greece): The interaction with people from different parts of the world and the expansion of knowledge in the field of geothermal energy!

Gregor (Austria): "Cycling in Delft and the field trips were amazing"

lectures and the field trips. It was a unique experience the integration of people with different backgrounds, different experiences but with common interest on the possibilities of the geothermal energy

Yanick (Belgium): Interactions with people from other country, field visiting and cycling along river canal was wonderful, and at the end, work on a small project to apply what we have learned.

Exchange with people working on similar topics all over the world

people who deal with geothermal energy in many different aspects. The interesting field trips. The impeccable organisation and the passion of the organisers to try to integrate everyone and make our

among so many people, coming from many parts of the world, studying all the geothermal aspects, was the most precious "take home" message. The field trips and the ice-breaking parts of the first day, were

Elzbieta (Poland): The mix of practice and site visits were great. But what enjoy me the most was meeting you all!

Marco (Italy) Interesting lectures and beautiful field trips to discover the geothermal tomatoes (I still hope in a tomato taste). Working on the assignment with a team was amazing

Learning more about industry practices/standards in other countries through the field trips and lectures.

real-life discussions with other people interested in geothermal energy, the groupwork, lectures and site visits (so everything, actually). The entire week was such a good balance between learning and fun!

Did you hear something fascinating? What was it?

Fawad (Italy): For me, the use of Geothermal for plantation was a new thing

Daniel: The 'easy' use of ATES systems, especially to provide heat and cold was new and fascinating to me.

Valerio: Over all the applications of the geothermal energy fruition in the Netherlands, was extremely interesting the scope and the usage of the Green Village

Elzbieta (Poland): Wide spread of ATES in NL

The geothermal tomatoes

Sindu (Poland-Hungary): ATES and the progress of geothermal energy in the Netherlands

Using dissolved gas in the doublet system at Duijvestijn to power heat pumps, as well as using the greenhouse for grid frequency balancing.

I like the ATES approach. We usually design systems for the once through open loop. Specifying a hot and cold well could be a better method for some owner/operators.

Xenia (Germany): I always thought of ATES as a niche technology. I was quite surprised it's so frequently used in the Netherlands.

Yanick (Belgium): I was fascinated by the wide range of geothermal applications, especially geothermal energy pile used for cooling and heating.

Yanick (Belgium): TU Delft facilities on the campus for geothermal energy were amazing (Green village).

Marco: It was the first time I studied the ATES systems and I was impressed by their applicability and by the system on the TU Delft campus

Andreas (Greece): 1) water chemistry 2) the licensing process in different parts of EU 3) Feasibility study

Chrysanthi: The Tomato Greenhouse

What is your vision of geothermal energy?

Fawad (Italy): Still lots of efforts are required to engage common people to make this technology viable commercially

Sara (PoliMi, Italy): it is a good option that is not yet fully exploited due to the lack of awareness of it among politicians and the population and of economic incentives

Elzbieta (Poland): I think that geothermal energy (both deep and shallow) has a great potential, just need the right people to provide it and promote it as well. That is why we were there... :)

Sindu (Poland-Hungary): To make the use of geothermal energy as attractive as the oil and gas industries, significant efforts must be made (not only in the technical aspect but also in the policy and business cases)

Chrysanthi: My desire is to learn the parameters from different perspectives that could make a geothermal project to be feasible and viable. It is an important underexploited energy recourse.

Geothermal anywhere.

must be patient and continue improvements in geothermal energy applications, sensitize people and get them aware of its advantages. SLOWLY BUT SURELY, GEOTHERMAL ENERGY WILL

Quit wasting time. Geothermal needs wins now, or it will be forgotten. Heating and cooling can be accomplished everywhere.

Xenia (Germany): There is such a wide range of geothermal applications. I think it has a great potential to solve different energy supply matters (heating, cooling, storage, electricity) all over the world.

That public awareness and acceptance continue to increase and that geothermal energy gets its well-deserved share in the discussions about decarbonization of the energy system

Andreas (Greece) : I would like to spread up the geothermal systems in island of Crete as it is my dream!

Did you feel there was something missing? How can we improve the next Summer School?

Fawad (Italy): This was my first summer school, I found it complete in all aspects

Maybe a trip through the city would have been nice, e.g. during the free time in the afternoon.

Personally I'd love to hear more about shallow closed systems but of course it's impossible to cover every aspect in detail :)

Elzbieta (Poland): I think that cooling is gaining more attention nowadays. But I think it is rather a topic for the next summer school. I don't think anything was missing in this one.

I would be keen to discuss the business models of various district energy systems in more detail.

Chrysanthi: The objective of this school was fully covered.

Yanick (Belgium): for me it was very well organized. but the time to work on project was short.

There was a little bit of everything. Geomechanics could have had some more discussion, but it is not often a consideration for heating and cooling applications.

It would be great to get some additional coffee break after each lecture so it's possible to talk to the lecturer before they have to leave

Time to work on the project assignment was very limited. I would have loved to dive deeper into the data and the planning of the DHC system!

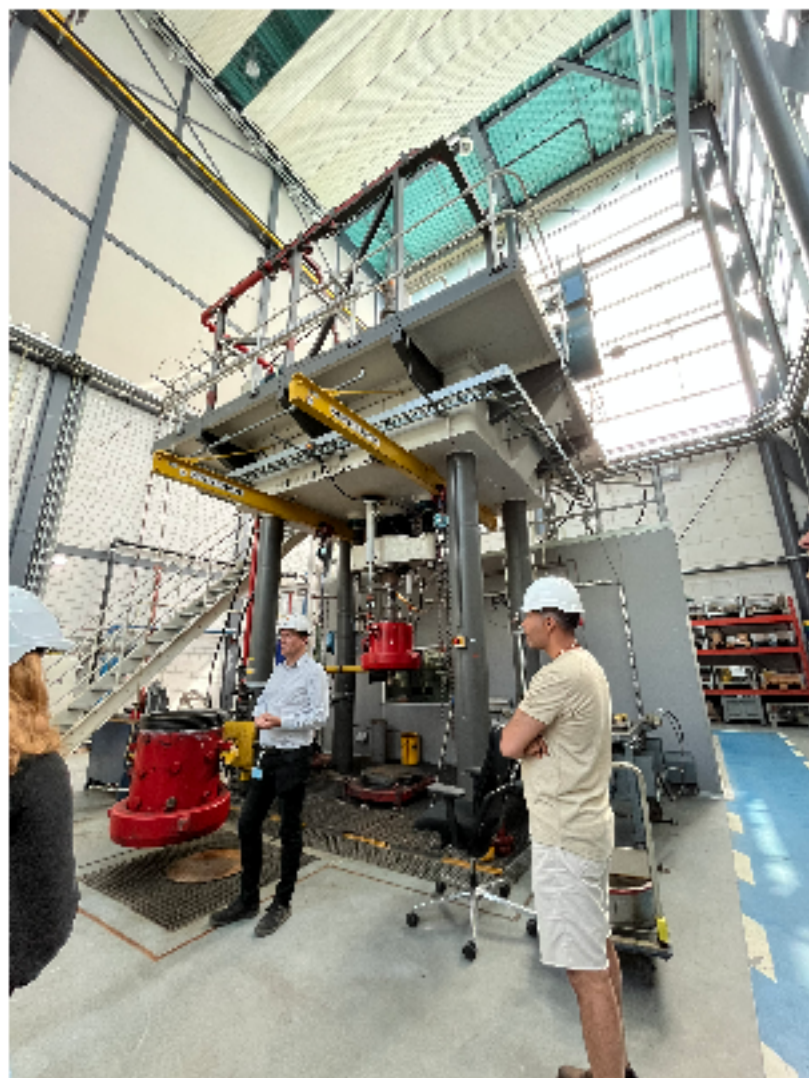
If you wish, share a happy moment with us! You know what people say "A picture is worth a thousand words".

only seems to be possible to upload pictures with google account?

Thank you for the notice. If you wish, you can send the photos either to Gregor or to the organisers (or directly to me - v.gemeni@haee.gr). Either of them will forward them to me. Thanks! Vasiliki

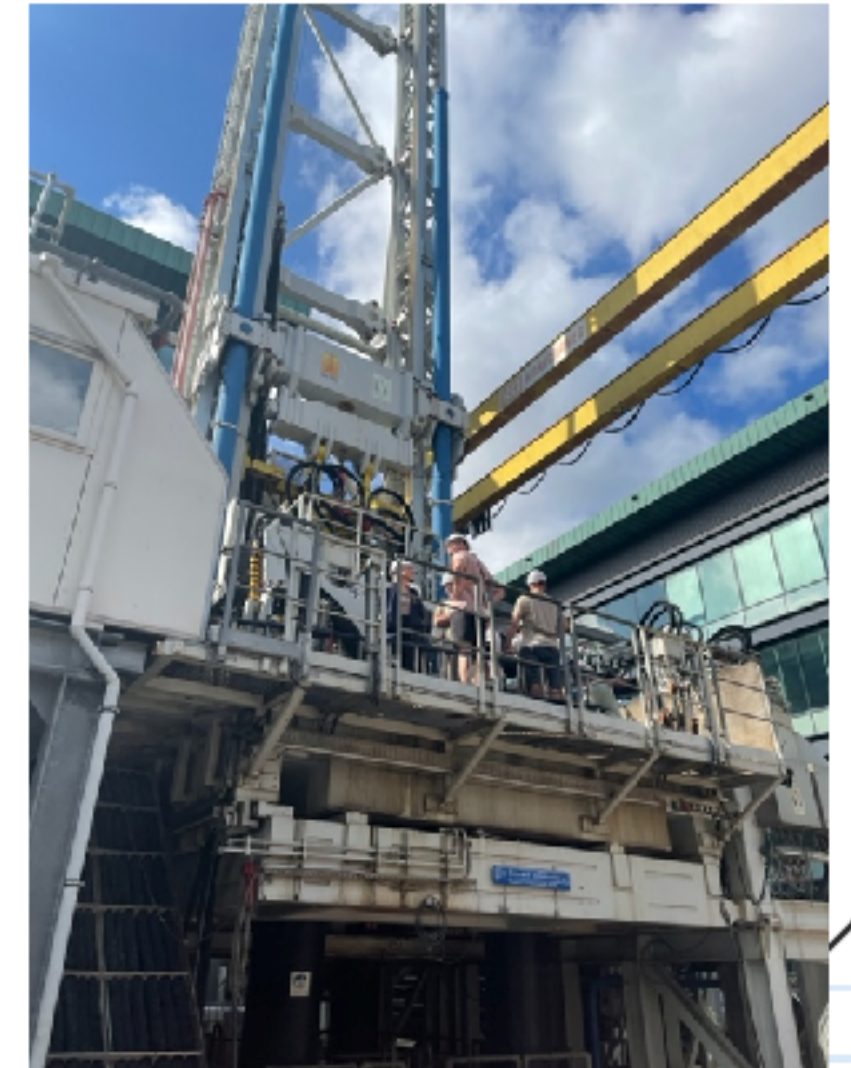


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