



WORKSHOP

2ND GEO-RIN CONFERENCE 2027



Design borefields with confidence

Design hybrid geothermal systems
with confidence

REGISTER
NOW!



BENEFITS

Improve key skills on borefield design and
complex geothermal systems



9 MARCH 2027

9:00 – 17:00 PM



DESIGN BOREFIELDS WITH CONFIDENCE

(4H WORKSHOP; 2H THEORY + 2H PRACTICE)

In this workshop, you'll learn how to design your first borefield using GHEtool Cloud. We'll walk you through the required input parameters, the underlying borefield models and physics, and why flexibility in borefield design matters so much in practice. You'll then apply this knowledge to a hands-on case study relevant to the Iberian Peninsula. This workshop is ideal both for those new to borefield design and for experienced designers looking to explore the latest methods and models.



DESIGN HYBRID GEOTHERMAL SYSTEMS WITH CONFIDENCE

(4H WORKSHOP; 2H THEORY + 2H PRACTICE)

As projects grow more complex, relying solely on geothermal borefields is often no longer the optimal choice. Combining ground-source and air-source heat pumps, together with regeneration strategies such as dry coolers, is increasingly preferred. However, designing these hybrid systems is complex and time-consuming. In this workshop, you'll learn everything you need to know about hybrid geothermal design and how GHEtool Cloud can support you, illustrated with real-life case studies. By the end, you'll have the confidence to tackle even the most advanced geothermal projects. Some prior experience in geothermal design (or having attended the first workshop) is recommended.

ABOUT THE LECTURER

Wouter Peere graduated in 2020 as a mechanical engineer at the Catholic University of Leuven (Belgium) with a thesis on the topic of hybrid geothermal design. After a research period of 3 years at this university, in close collaboration with Boydens Engineering, he started his own engineering firm Enead. Since 2023, Enead is the main developer and distributor of GHEtool, a cloud-based borefield sizing tool for both small and complex geothermal systems, which currently has over 120 users in more than 10 countries.

