



Day 1: Tuesday, June 10, 2025

Time		Title	Speaker	Organization
9.30 – 10.00		Registration and coffee		
OPENING SESSION				
10.00 – 10.10	10 min	Welcome to Estonia and EGT overview	Sirli Sipp Kulli	Geological Survey of Estonia, EGT
10.10 – 10.40	30 min	Geothermal Opportunities for the Baltics	Jaanus Uiga	Ministry of Climate
10.40 – 11:00	20 min	Geothermal energy exploration and pilot projects by the Geological Survey of Estonia	Helena Gailan	Geological Survey of Estonia, EGT
SESSION 1: Geothermal energy exploration in crystalline rocks (Part 1)				
11.00 - 11.40	40 min	KEYNOTE: From Shallow to Deep Geothermal Energy Exploration in Finland – Current Status and Future Opportunities in the Nordic-Baltic Region	Alan Bischoff	Geological Survey of Finland, GTK
11.40 - 12.00	20 min	Shallow geothermal energy in Finland	Nina Leppäharju	Geological Survey of Finland, GTK
12:00 - 12.20	20 min	Mapping the Geothermal Energy Potential of Finland	Kimmo Korhonen	Geological Survey of Finland, GTK
12.20 - 13.20 LUNCH BREAK				
SESSION 1: Geothermal energy exploration and utilization in crystalline rocks (Part 2)				
13.20 - 13.40	20 min	Geothermal energy market development in Finland	Johnny Lönnroth	Rototec Oy, Finland
13.40 - 14.00	20 min	Towards 20 TWh of geothermal energy utilisation – future demands and possibilities in Finland	Teppo Arola	Geological Survey of Finland, GTK
14.00 - 14.20	20 min	Developing medium-deep geothermal energy systems in Finland	Rami Niemi	Quantitative Heat Oy, Finland
14:20 – 14:50 COFFEE BREAK				
SESSION 2: Geothermal energy exploration and utilization in sedimentary rocks				
14.50 - 15.30	40 min	KEYNOTE: Geothermal resources and UK market for geothermal energy	Andres Gonzalez Quiros	British Geological Survey, BGS
15.30 - 15.50	20 min	The exploitation of geothermal energy in Denmark: background, status and future	Henrik Vosgerau	Geological Survey of Denmark and Greenland, GEUS
15.50 - 16.30	40 min	KEYNOTE: Permits, planning and design of Aquifer Thermal Energy System (ATES) power plant in Denmark	Lars Hjortshøj	ATES A/S, Denmark
16.30 - 16.40	10 min	Announcements about dinner & next day	Heikki Bauert	
18.00 - 21.00 CONFERENCE DINNER @HESTIA HOTEL EUROPA				



Day 2: Wednesday, June 11, 2025

Time		Title	Speaker	Organization
8.30 - 9.00		Gathering and Coffee		
SESSION 3: Geothermal energy exploration in the Baltic States				
9.00 - 9.40	40 min	KEYNOTE: Geothermal energy potential in the Baltic States with a focus on Estonia and Latvia	Argo Jõelegt	University of Tartu, Estonia
9.40 - 10.00	20 min	Lithuania Geothermal Energy: Lessons Learned and Future Opportunities	Mayur Pal / Sigitas Petrauskas	Kaunas University of Technology / Klaipeda University, Lithuania
10.00 - 10.20	20 min	Mapping the Geothermal Energy Potential of Estonia	Kimmo Korhonen	EGT / GTK
10.20 - 10.40	20 min	Geothermal Energy Future Solutions in Estonia: Sustainable and Innovative Approaches	Aivar Auväärt	Engineering Bureau STEIGER, Estonia
10.40 - 11.00	20 min	Beyond heat – geopressured storage and huff&puff geothermal	Simonas Valadkevičius	UAB Lavastream, Lithuania
11.00 – 11.20 COFFEE BREAK				
SESSION 4: District heating and future prospects in geothermal heating and cooling				
11.20 - 12.00	40 min	KEYNOTE: Termonet – An enabler for shallow geothermal district heating and cooling	Søren Skjold Andersen	Termonet Danmark
12.00 - 12.20	20 min	Utilization of geothermal energy by district heating in the Baltic States: obstacles and drivers	Anna Volkova	Tallinn University of Technology, Estonia
12.20 - 12.40	20 min	New approaches in use of geothermal energy for district heating in Estonia	Andres Veske	Rohetiiger, Estonia
12.40 - 13.00	20 min	Deep geothermal energy for district heating in Denmark	Carsten Møller Nielsen	Geological Survey of Denmark and Greenland, GEUS
13.00 – 13.50 LUNCH BREAK				
SESSION 5: Environmental aspects of geoenergy exploration and national policies				
13.50 - 14.30	40 min	KEYNOTE: The Dutch (high)way to UTES permitting; policies and environmental considerations	Martin Bloemendal	Delft University of Technology, Netherlands
14.30 - 14.50	20 min	Environmental regulations for geothermal energy exploration and drilling in Estonia	Argo Jõelegt	University of Tartu, Estonia
14.50 - 15.10	20 min	Environmental risk assessment scheme for geothermal projects	Teppo Arola	Geological Survey of Finland, GTK
15.10 - 15.30	20 min	Accelerating geoenergy exploration in Estonia: What can we learn from geoenergy legislation in the Netherlands and Denmark?	Florian Smit	Geological Survey of Denmark and Greenland, GEUS
15.30 - 15.50	20 min	Environmental considerations and permitting procedures for geothermal energy exploration and drilling in UK	David Boon	British Geological Survey, BGS
15.50 - 16.00 CLOSING REMARKS & INSTRUCTIONS FOR NEXT DAY EXCURSION (Heikki Bauert)				



Visit to the Geological Survey of Estonia Arbavere Research Centre and to the Roosna-Alliku closed-loop geothermal pilot plant

Only for participants who have signed up during the registration

June 12, 2025

TIME	AGENDA	
09.00	<i>Bus leaving the Hestia Europa Hotel to EGT Arbavere Research Centre</i>	
10.15 – 10.40	<i>Arrival and welcome coffee</i>	
10.40 – 11.00	Overview of the EGT Arbavere Research Centre	Sirli Sipp Kulli (EGT)
11.00 – 11.45	An ATES potential of the Ediacaran siliciclastic rock sequence in Estonia	Henrik Vosgerau (GEUS) & Heikki Bauert (EGT)
11.45 – 12.30	<i>Buffee lunch</i>	
12.30 – 13.30	Driving to Roosna-Alliku	
13.30 – 14.00	The geothermal heating system for a local settlement with five 500 m deep closed-loop boreholes	Tarmo All (EGT)
14.00 – 15.00	<i>Return to Tallinn</i>	

Brief overview of the EGT Arbavere Research Centre: [EGT Arbavere Research Centre](#)



Photo: L. Maala