

3 December 2024

Lillestrøm Kommune, Norway

GeoAlliance & EarthresQue joint workshop

Participants to discussions

NAME & SURNAME	INSTITUTION
Marta Wronkowska	Lillestrøm Kommune
Christian Schöpke	Institute for Energy Technology
Irina Dumitriu	The Norwegian Institute of Bioeconomy Research
Juri Muzi	PSS-GEO
Saheed Opeyemi Adebeunmi	Norwegian University of Life Sciences
Thomas Stokke	Norwegian University of Life Sciences
Dumitru Ioane	University of Bucharest
Florina Chitea	University of Bucharest
Tor Veggeland	Dammen Geo-Services
Viktoriya Yarushina	Institute for Energy Technology
Ingar Johansen	Institute for Energy Technology
Magnus Wangen	Institute for Energy Technology

PROGRAM

PART 1 - LOCATION: Brånåsdalen landfill

10:15–10:45 Introduction to Brånåsdalen landfill history and current activities in the gas house

Speaker: Marta Wronkowska

10:45–11:30 **Site-visiting:** Landfill gas collection systems, the new oxidation window, and methane accumulation zones - demolished house area

Tour guide: Christian Schöpke (Institute for Energy Technology, Norway)

Geological aspects and influences on the stability of the landfill.

Discussions lead by Dumitru Ioane (University of Bucharest, Faculty of Geology and Geophysics)



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11:30–13:30 Presentations at the Brånåsdalen landfill:

Geophysical (EM and ERT) investigation at Brånåsdalen landfill

Speakers: Thomas Stokke and Saheed Opeyemi Adebunmi

Geophysics for improving the management of operational landfills

Speaker: Florina Chitea

13:30–14:00 BREAK

PART 2 - LOCATION: Institute for Energy Technology (IFE)

14:00–16:00 Presentations

Geophysical modelling activities and projects at IFE

Speaker: Viktoriya Yarushina (Institute for Energy Technology, Norway)

SMART managing methane production in landfills by integrating geophysical information

Speaker: Florina Chitea

The utility of stable isotopes in tracing landfill processes (gas/leachate production and migration)

Speaker: Christian Schöpke (Institute for Energy Technology, Norway)

16:00–16:30 Wrap up/discussions

Thermal Energy projects

Developing collaborations

Organizing committee: Helen Kristine French (Centre for Rescue of Earth Materials and Waste in the Circular Economy, NMBU), Florina Țuluca (University of Bucharest), Christian Schöpke (Institute for Energy Technology), Esther Bloem (The Norwegian Institute of Bioeconomy Research), Saheed Opeyemi Adebunmi (NMBU)

