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GEOTeCH

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Collaborative Project

D3.3 Documented Validation Test Results And Heat Exchanger Performance Data

Executive Summary

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1. PUBLISHABLE EXECUTIVE SUMMARY

The aim of Work Package 3 of the GEOTeCH project is to advance the readiness of the ground heat exchanger technologies, so that their technical performance is further optimized and fully characterized for a range of applications.

This Deliverable “**Documented Validation Test Results and Heat Exchanger Performance Data**” is concerned with the work carried out to validate the performance of both heat exchanger technologies:

- spiral co-axial borehole heat exchangers
- screen wall and pile foundation heat exchangers.

This report will document the results of the validation testing carried out with new prototype borehole heat exchanger products and foundation heat exchanger tests, and present the technical data (output from Task 3.3 “Vertical borehole heat exchanger component performance validation” and part of Task 3.7 “Foundation heat exchanger performance validation”).