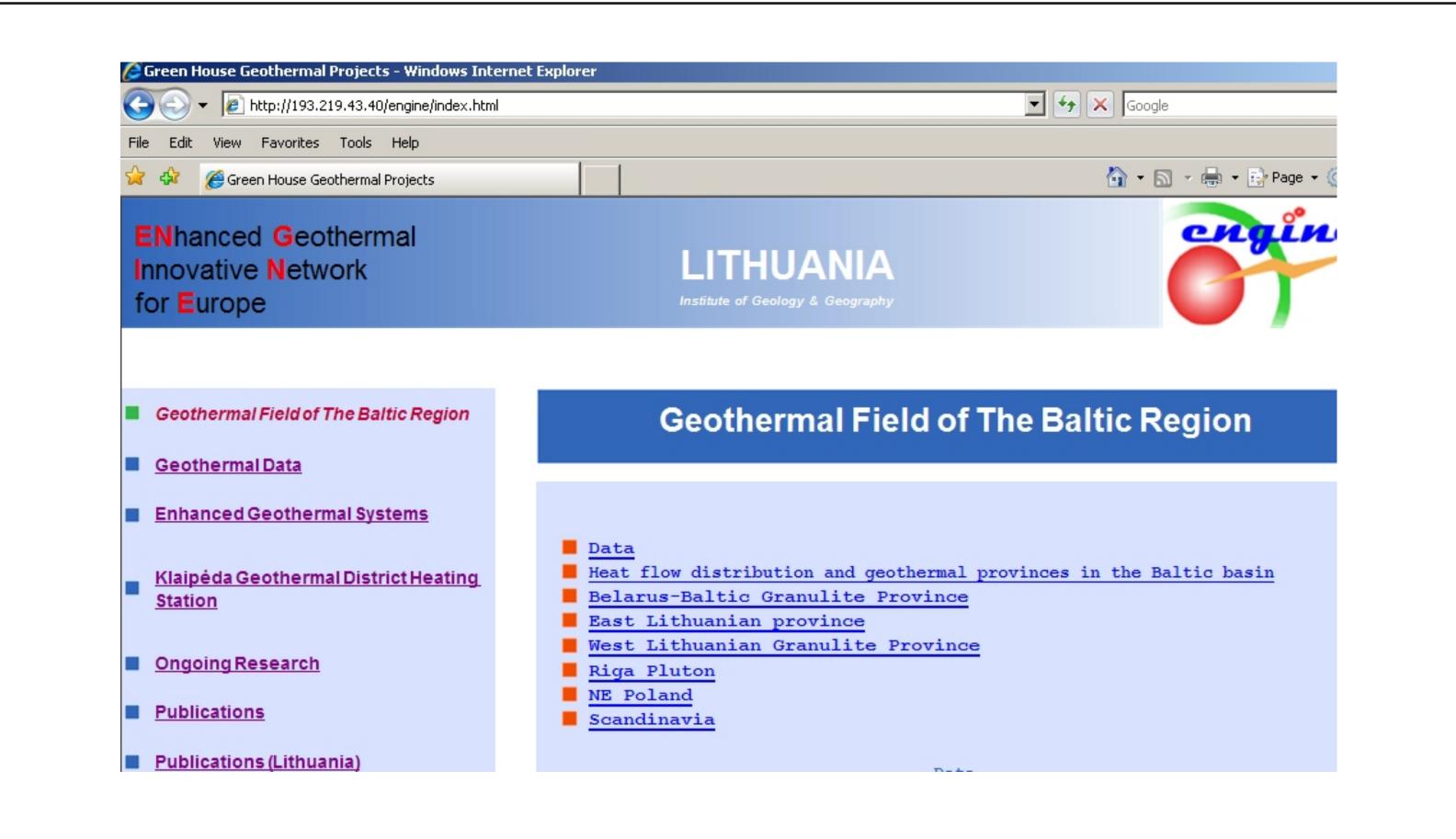
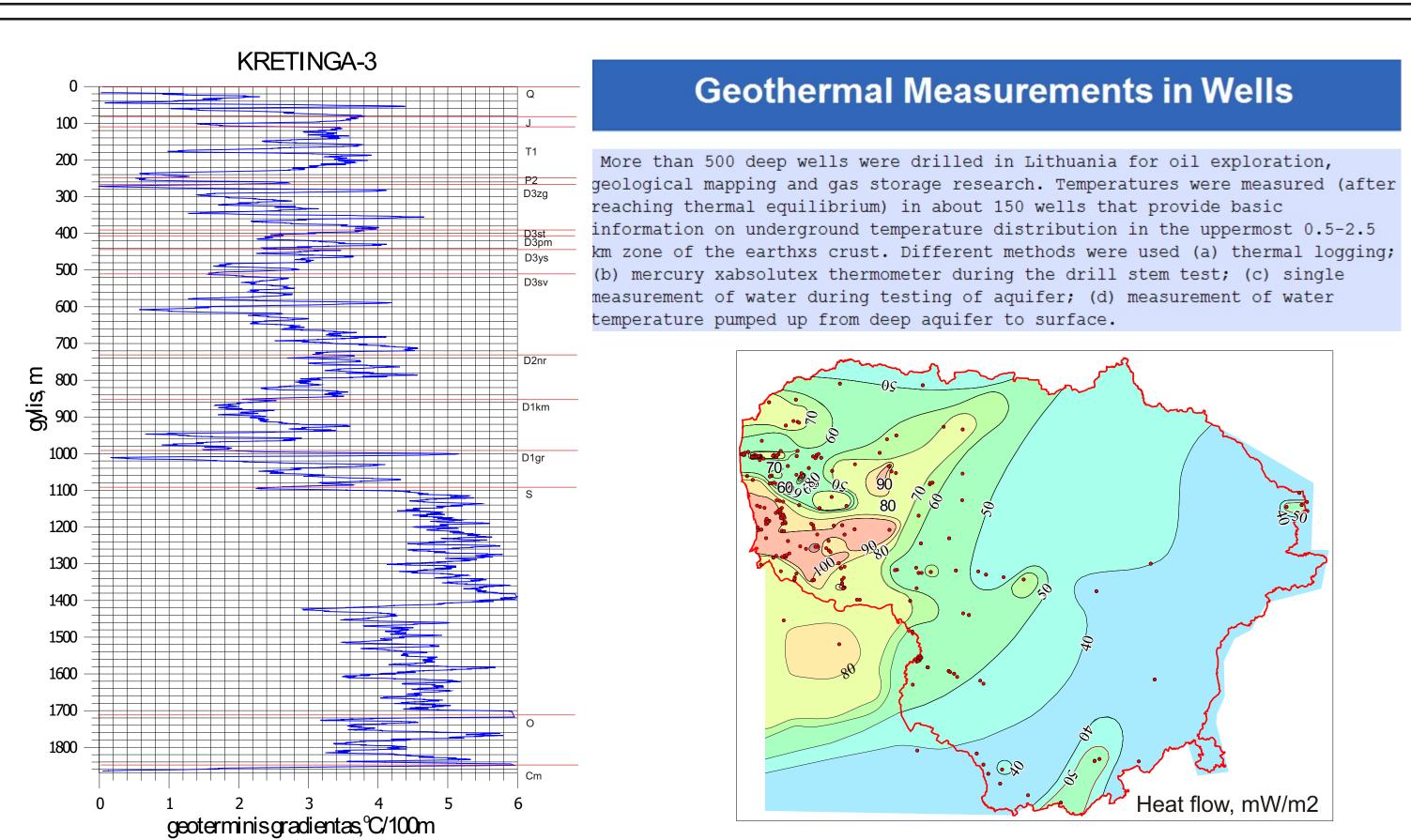
Geothermal website for Lithuania

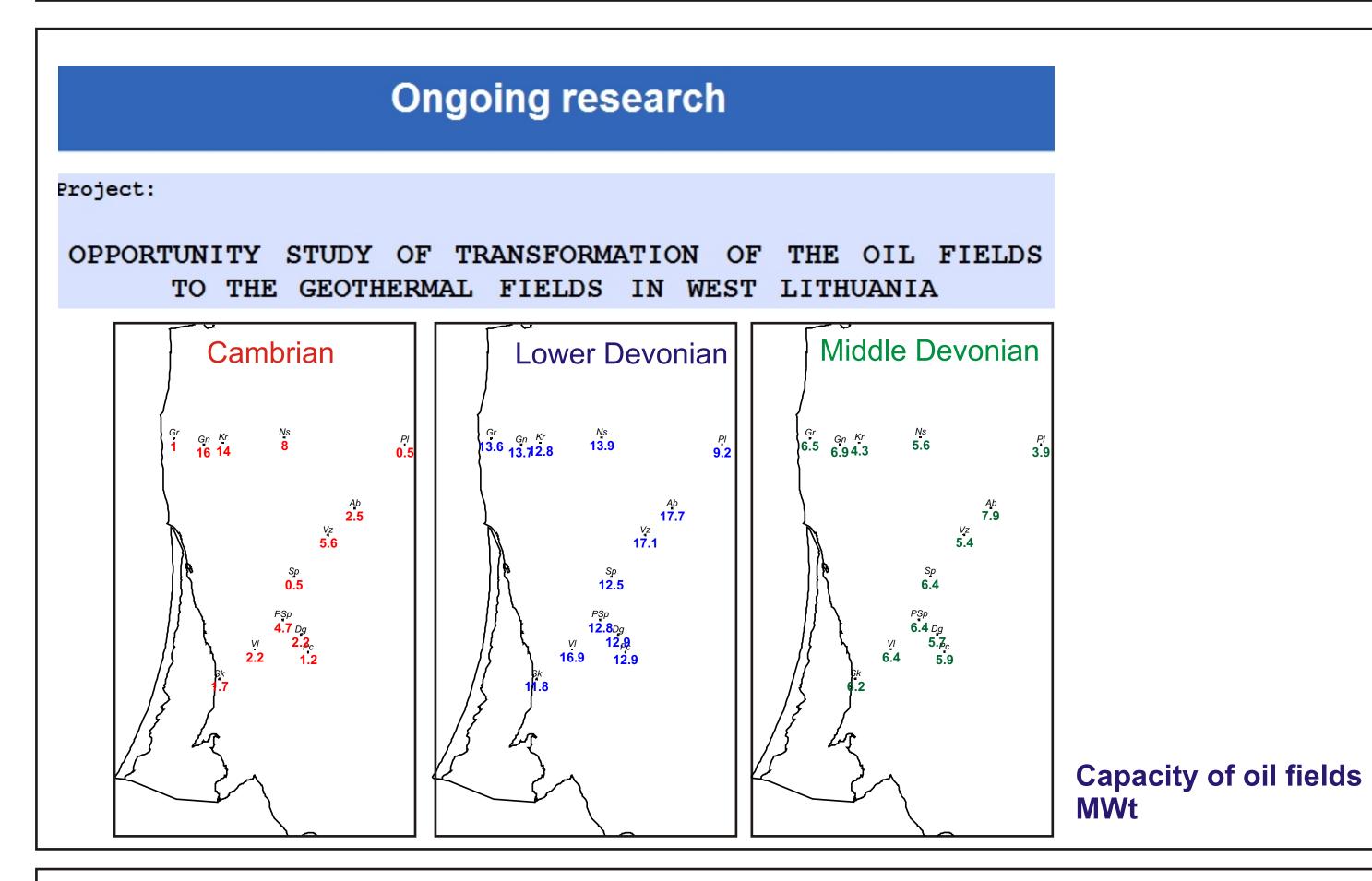
SLIAUPA Saulius, Institute of Geology and Geography & Vilnius University, Lithuania PURONAS Vytautas, Institute of Geology and Geography, Lithuania KAMINSKAS Donatas, Vilnius University, Lithuania











Klaipėda Geothermal District Heating Station

- Project Name: Klaipėda Geothermal Demonstration Plant
- Project Leader [Companies]: UAB Geoterma
- Contact Person: Alfonsas Bickus (director)
- Country: Lithuania
- Location: Klaipėda

Types of resource [High/Low Enthalpy / EGS etc.]: Low Enthalpy
Main on-site operators [Drilling, Simulation, Monitoring, Power plant etc.]: UAB Geoterma
Number of wells [w. Total Depth pr. well]: 4 wells, depths 1128-1228 m
Type of wells [Exploration, Production, Injection]: 2 production and 2 injection wells
Well configuration [Single well, Doublet, Triplet]: single wells
Distance between well at Depth [Horiz. Dist at Depth]: 3.5 km
Temperature at Total Depth [Single well, Doublet, Triplet]: 380C
Combination with other energy sources [Biomass, Biogas plants etc.]: natural gas
Geothermal co-operation [Heat, Electricity etc.]: heat

Geothermal potential [MW at Date]: 18 MW Expected Installed capacity [MW/time at Date]: 18 MW geothermal+23MW from boilers Expected Running capacity [MW/time at Date]: 13.6 MW geothermal+23MW from boilers

Geothermal Field of The Baltic Region

Data

Heat flow distribution and geothermal provinces in the Baltic basin

Belarus-Baltic Granulite Province

East Lithuanian province

West Lithuanian Granulite Province

Riga Pluton

NE Poland

Scandinavia

Heat flow, mW/m2

Heat production, mkW/m3

Publications (adjacentarea)

(in English)

■ Eihmanis E. 2000. Incorporation of geothermal heat sources in Latvian heat supply systems. Proceedings World Geothermal Congress 2000.

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Kreslins A., DzelzitisE., Skapare I. 2002. Low energy geothermal utilisation for balneological purposes. Pros.4th GAP Engineering Congress, 06.-08.06.2002, Sanliurfa, Turkey, vol.1., p. 155-161.

Publications (Lithuania)

(in English)

Burba A., Zinevičius F. 1999. Environmental adaptation of energy systems in Lithuania. Proceed. of the 1999 ECEEE summer Study: Energy Efficiency and CO₂ Reduction: The Dimensions of the Social Challenge, 31 May - 4 June. Part 1. Mandelieu, France. P. 8.

Burba A., Zinevičius F. 1999. Environmental adaptation of energy systems in Lithuania. Proceed. of the 1999 ECEEE summer Study: Energy Efficiency and CO2 Reduction: The Dimensions of the Social Challenge, 31 May - 4 June. Part 1. Mandelieu, France. P. 8. Čiūraitė K. 2006. Geothermal model of Žemaicių Naumiestis Pluton. Geologijos akiračiai. 3. 1017. (in Lithuanian with English summary).