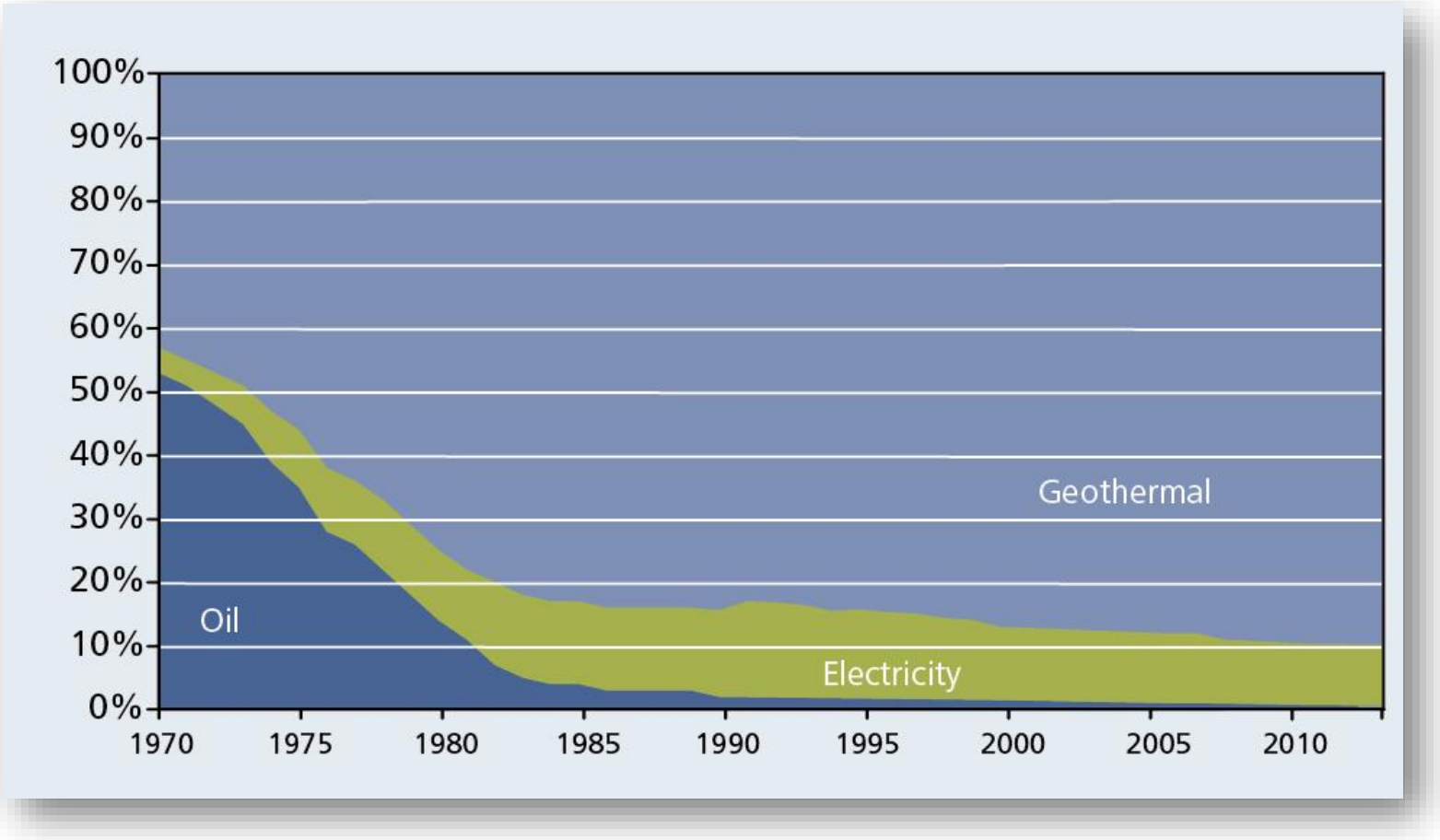
Iceland – A leader in the use of Renewable Resources

Ragnheiður Elín Árnadóttir

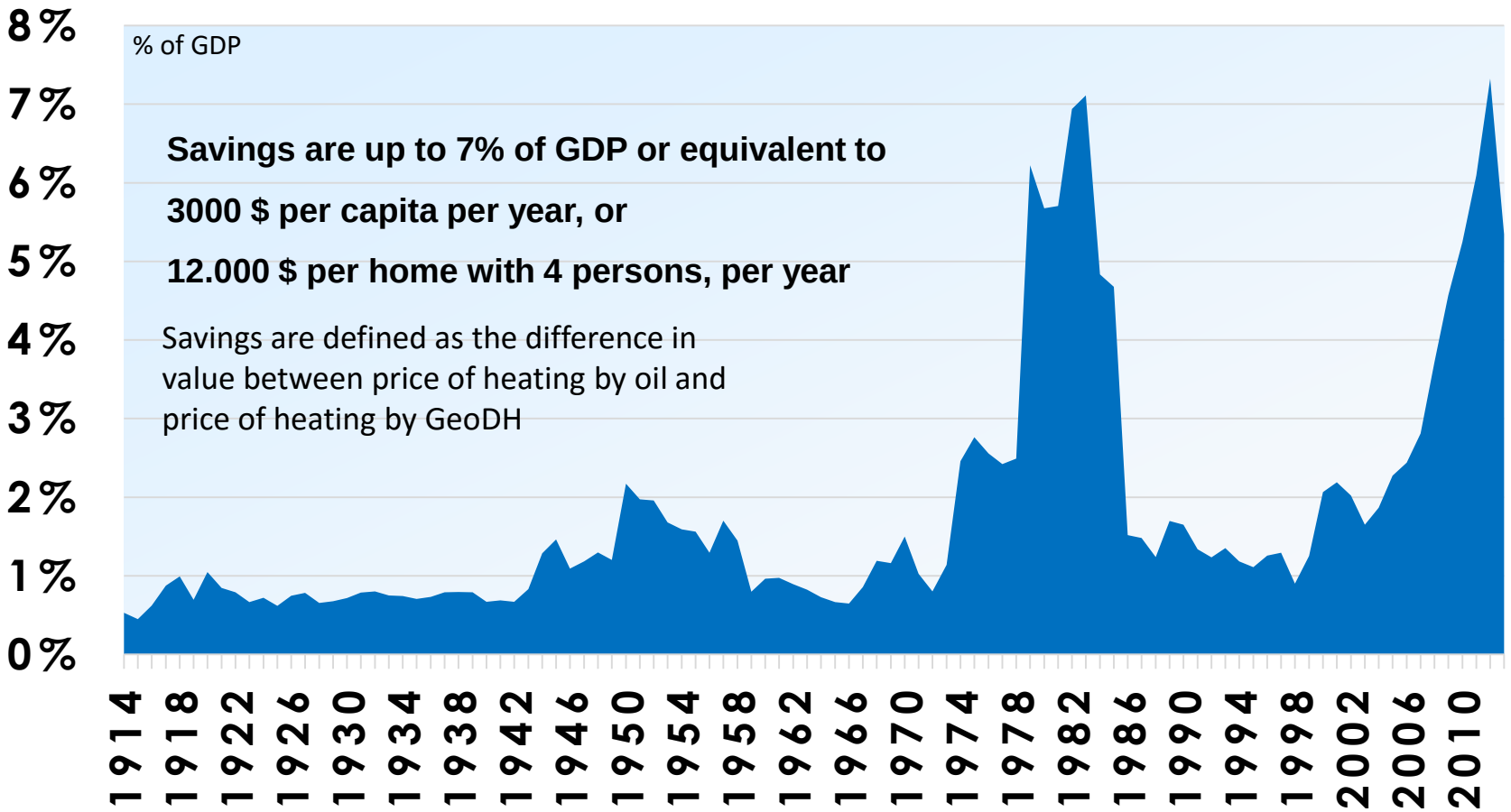
Minister of Industry and Commerce

Space heating 1970-2014



Source: Orkustofnun

Economic Benefits of Geothermal District Heating



Source: Orkustofnun, 2014

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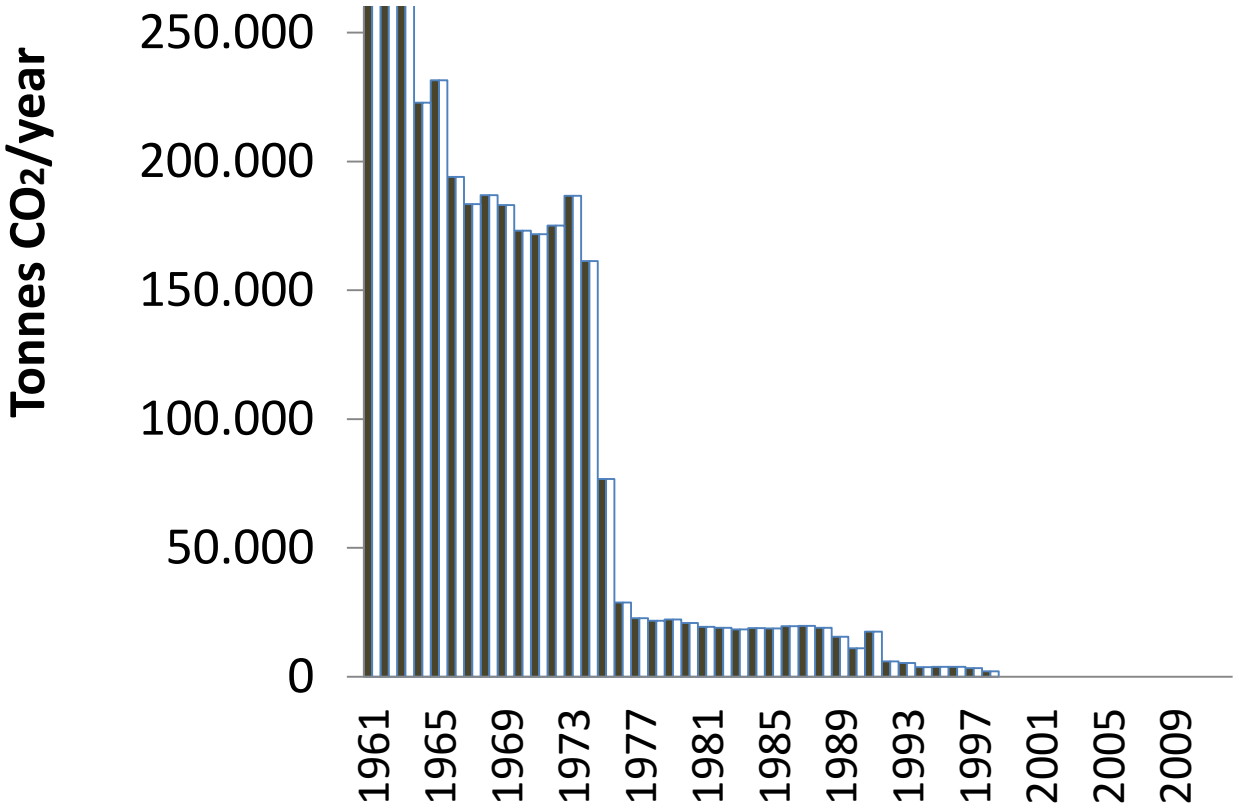
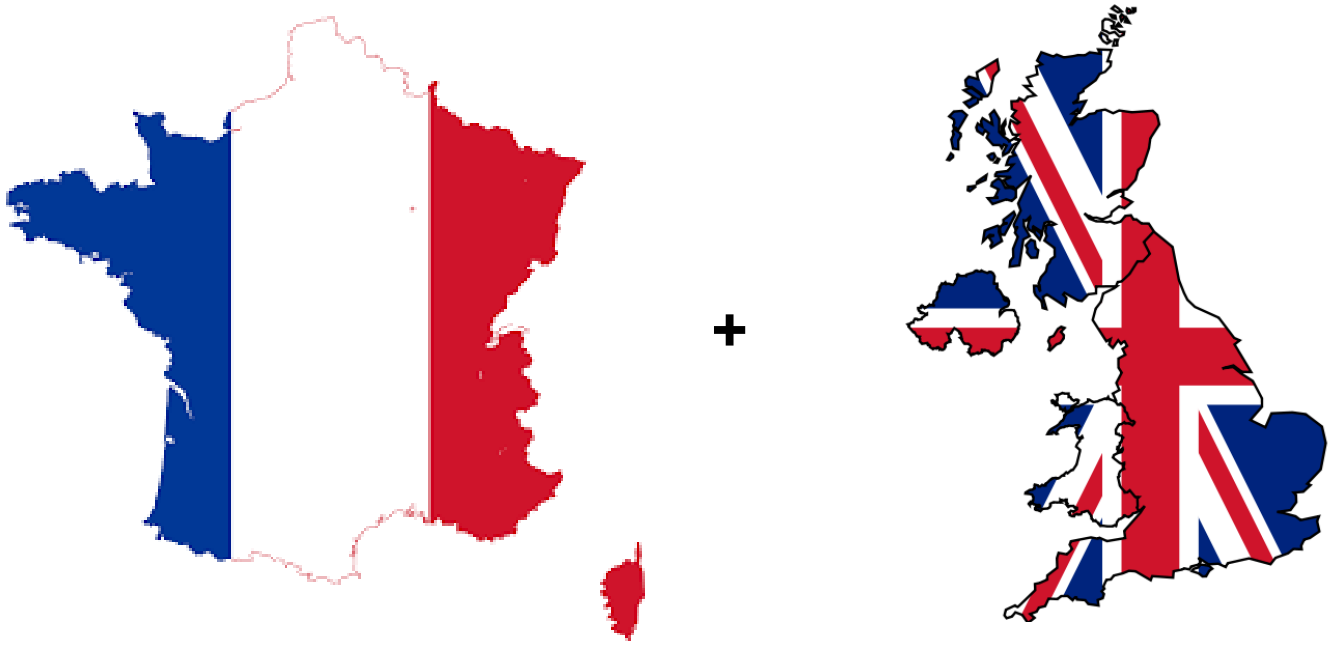
Reduction in CO_2 emissions in Reykjavík due to geothermal space heating



Total saving in Iceland from 1944-2014 amounts to 350 million tons of CO_2



- 175 billion trees
- 800.000 km2 of forrest
- Similar to the size of France and UK put together

International Geothermal Projects with Icelandic Participation

Iceland Geothermal Cluster Initiative

www.icelandgeothermal.is

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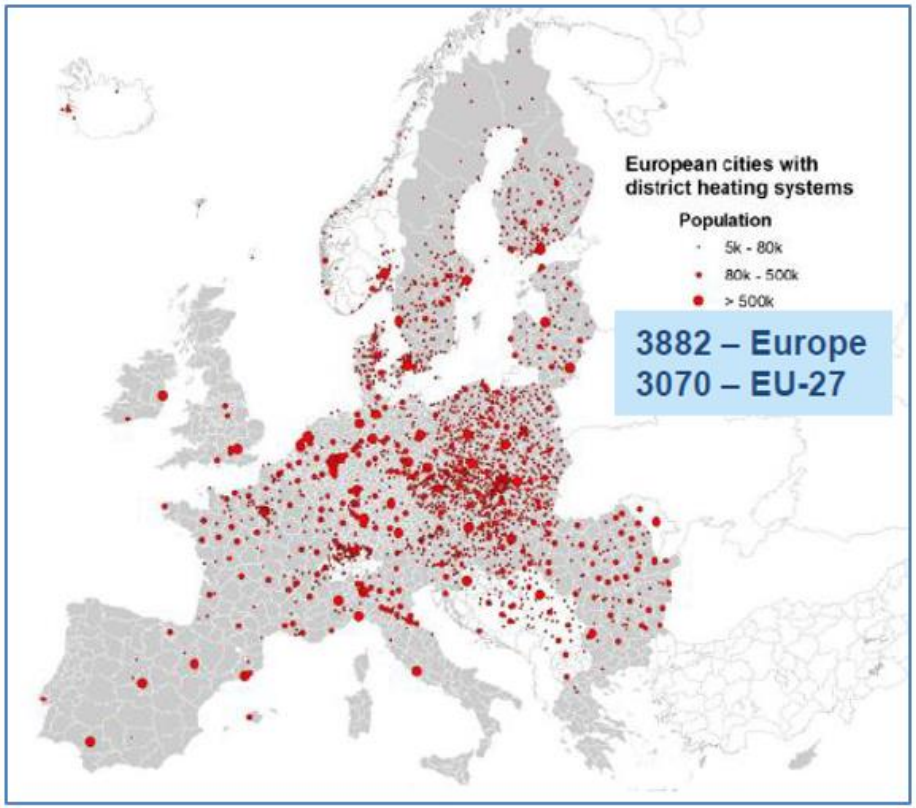
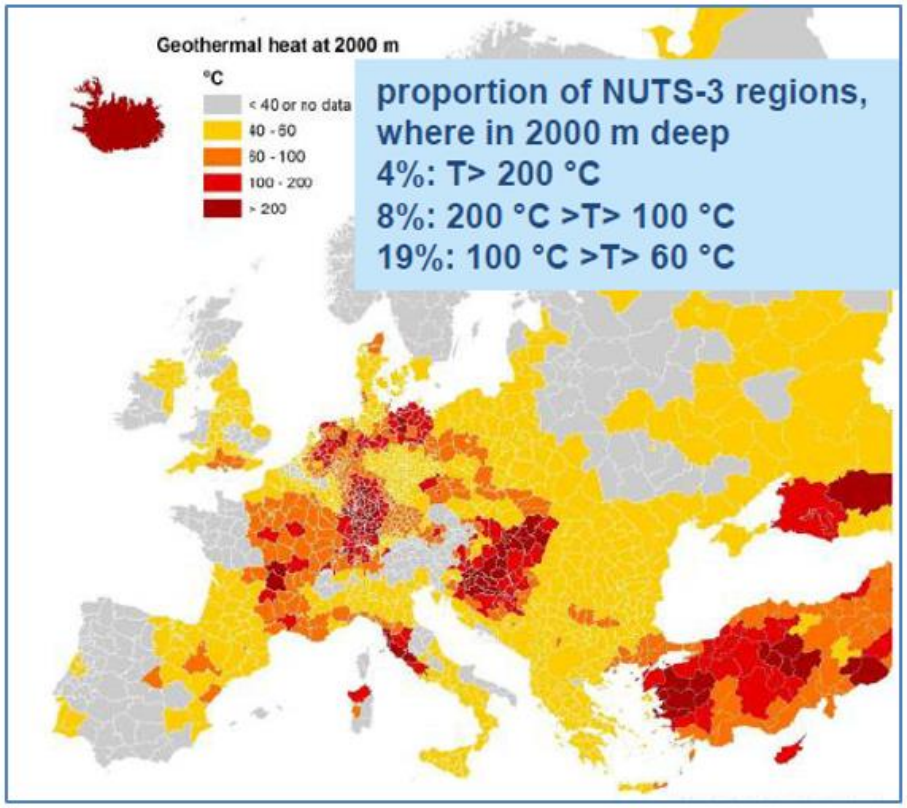
Geothermal District Heating Options and Possibilities in Europe

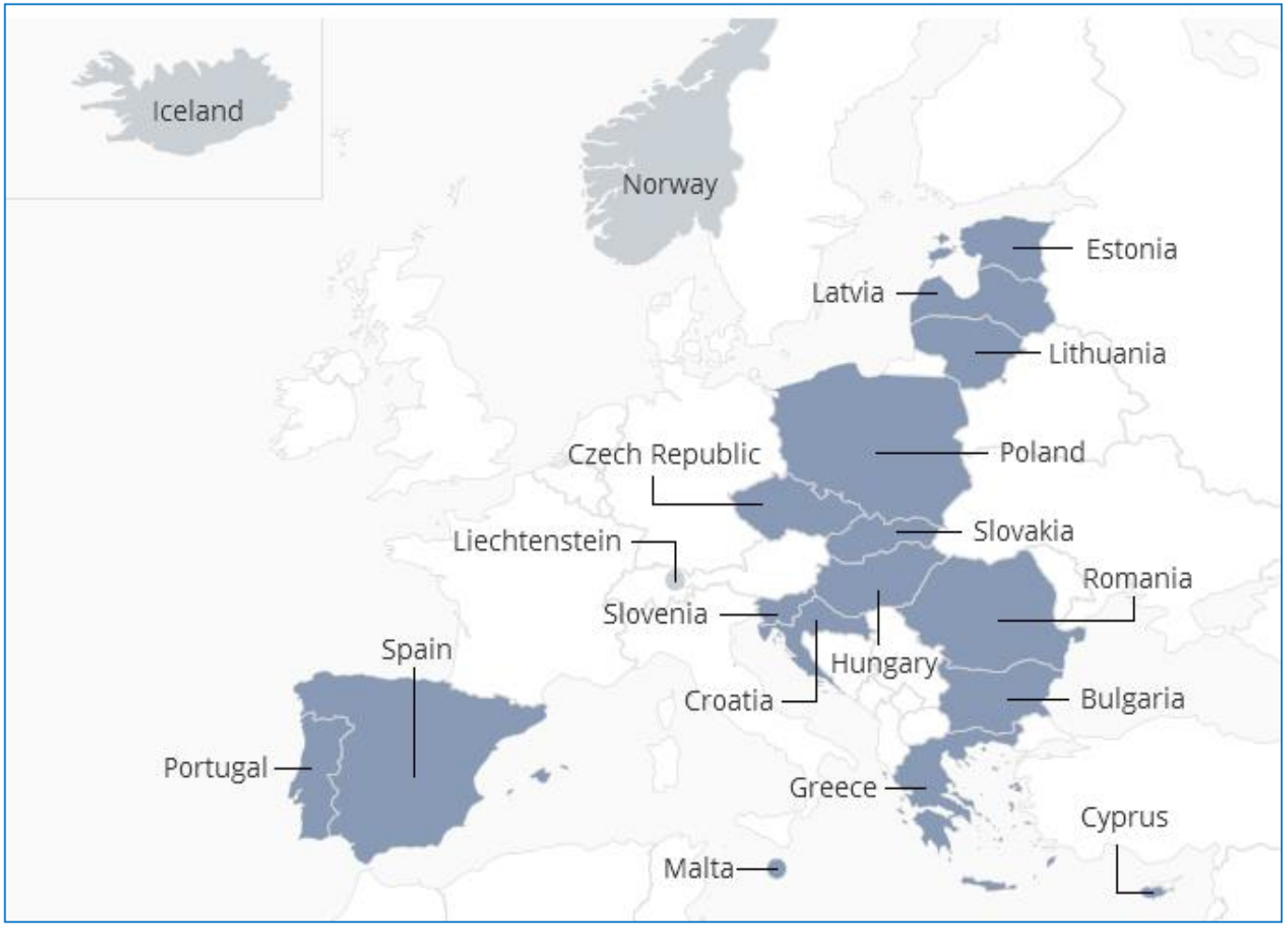
Geothermal cities in Europe
with district heating systems



Geothermal heat at 2000 meters



International Cooperation – EEA Grants
Orkustofnun is Donor Program Partner



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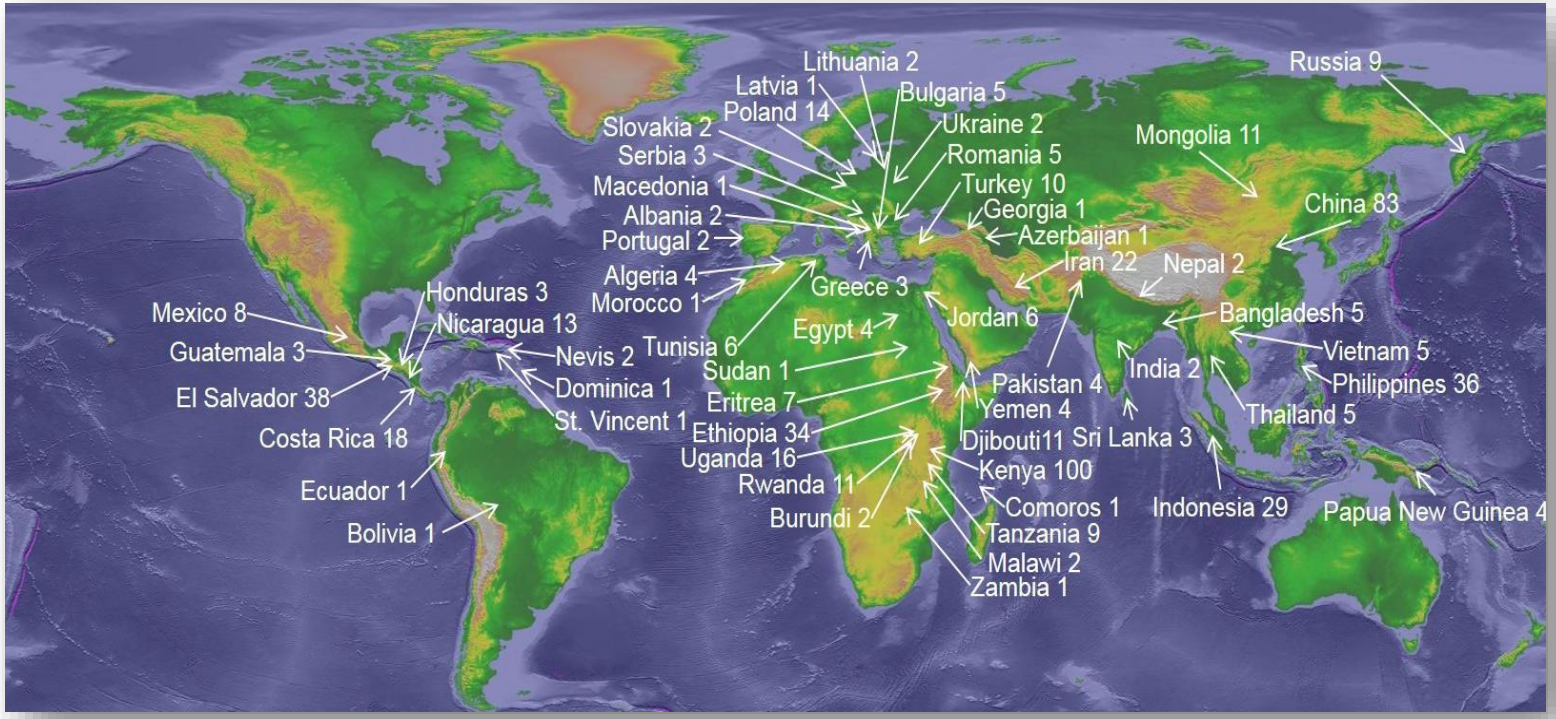
The United Nations University

Geothermal Training Programme in Iceland



UNU-GTP Fellows in Iceland 1979-2014 – 583 from 58 countries.

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Lessons learned from Icelandic Geothermal District Heating Policy

1. Harnessing a domestic natural resource
2. Economic opportunities and savings
3. Improve energy security
4. Reducing greenhouse gas emissions
5. Establish new industries and employment opportunities
6. Increase innovation and export of knowledge
7. Improving quality of life