



Presentation at HandiHeat, Egilsstaðir
25 September 2019
Ragnar Ásmundsson



Northern Periphery and
Arctic Programme
2014–2020



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A photograph of a coastal scene. In the foreground, there are large, light-colored rocks and some dry grass. In the middle ground, a wooden pier with several vertical posts extends into the water. The water is a deep blue color. The text "Don't you sea?" is overlaid on the image in a white, serif font.

Don't you sea?



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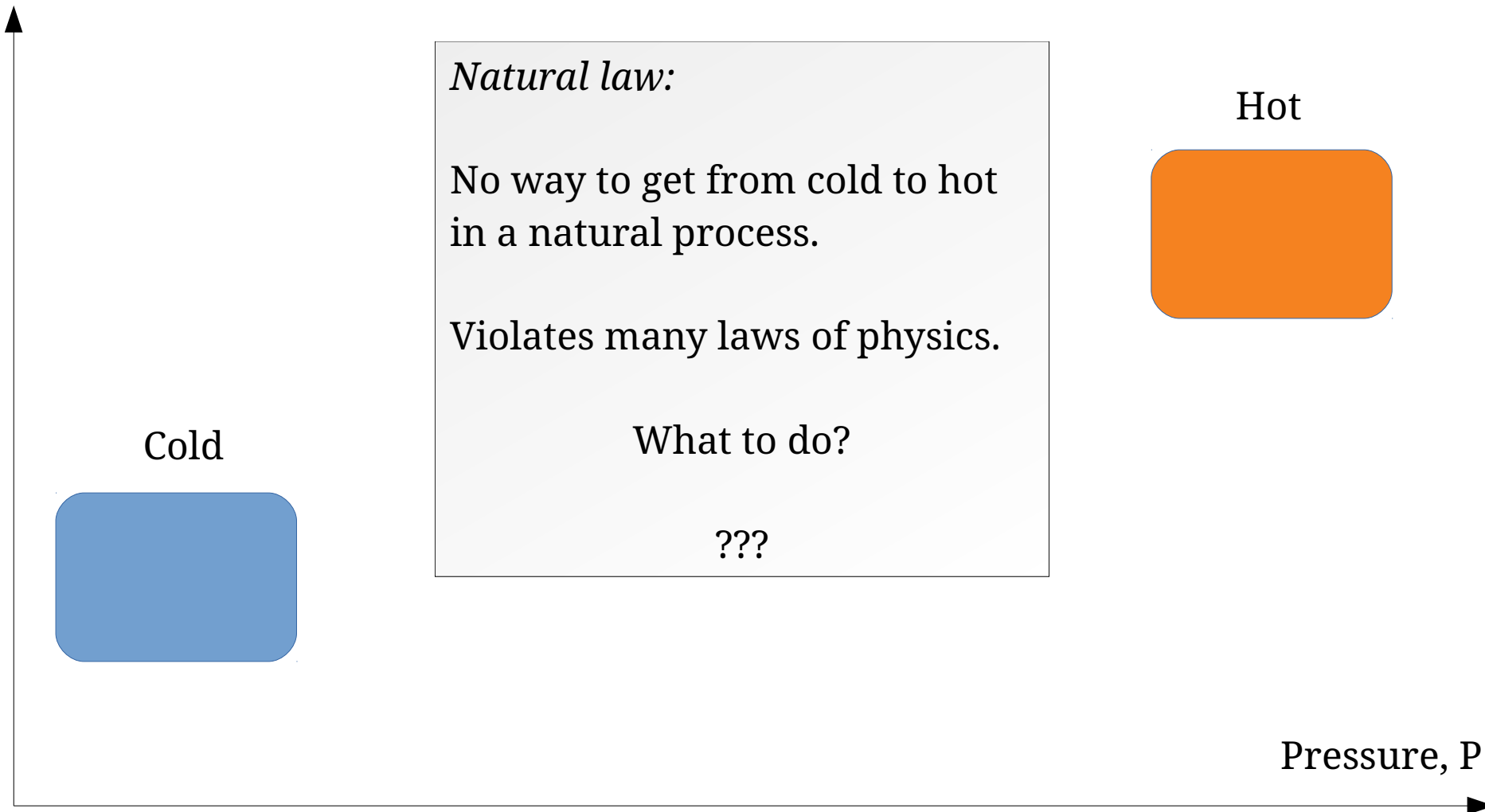
2014-2020



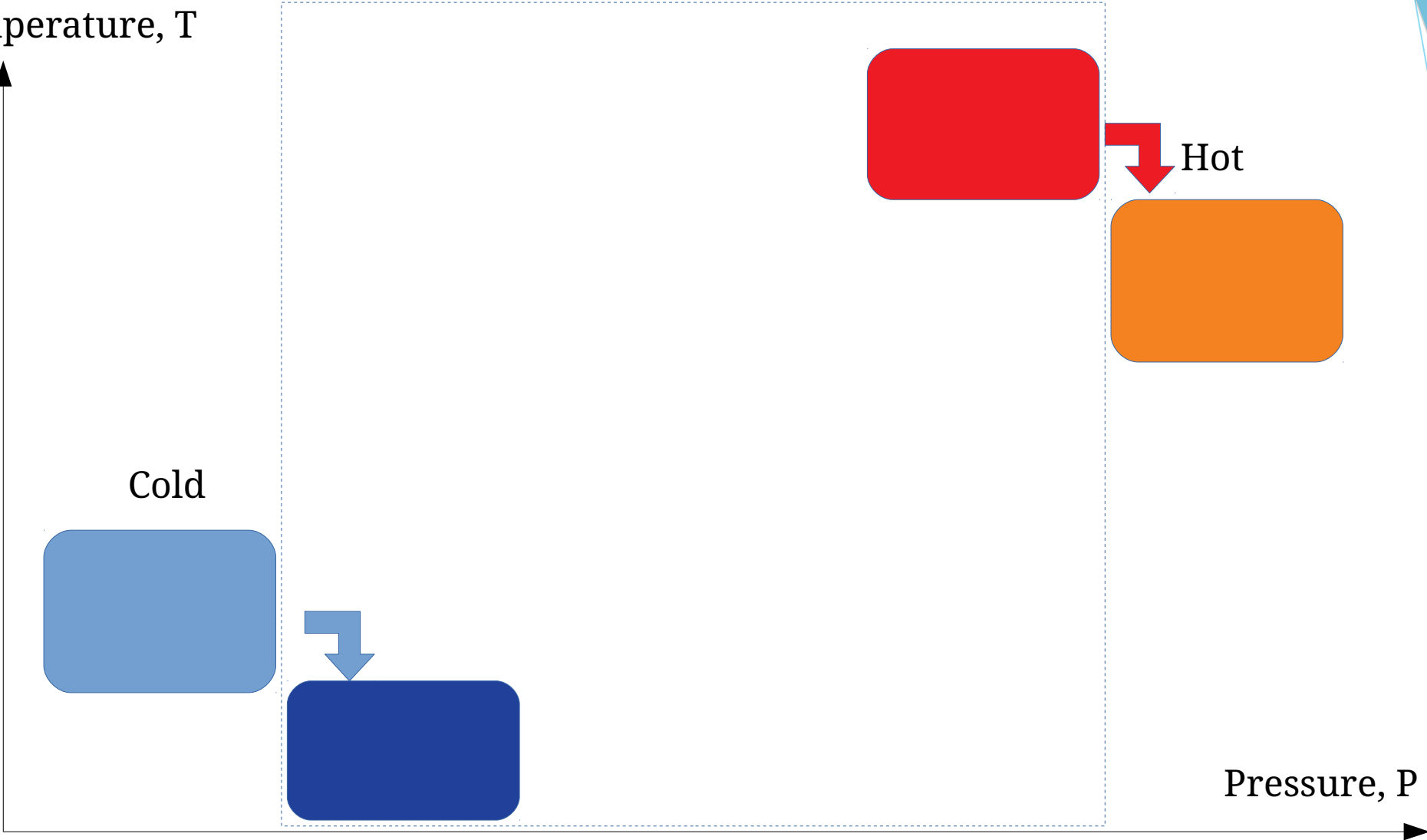
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Temperature, T



Temperature, T



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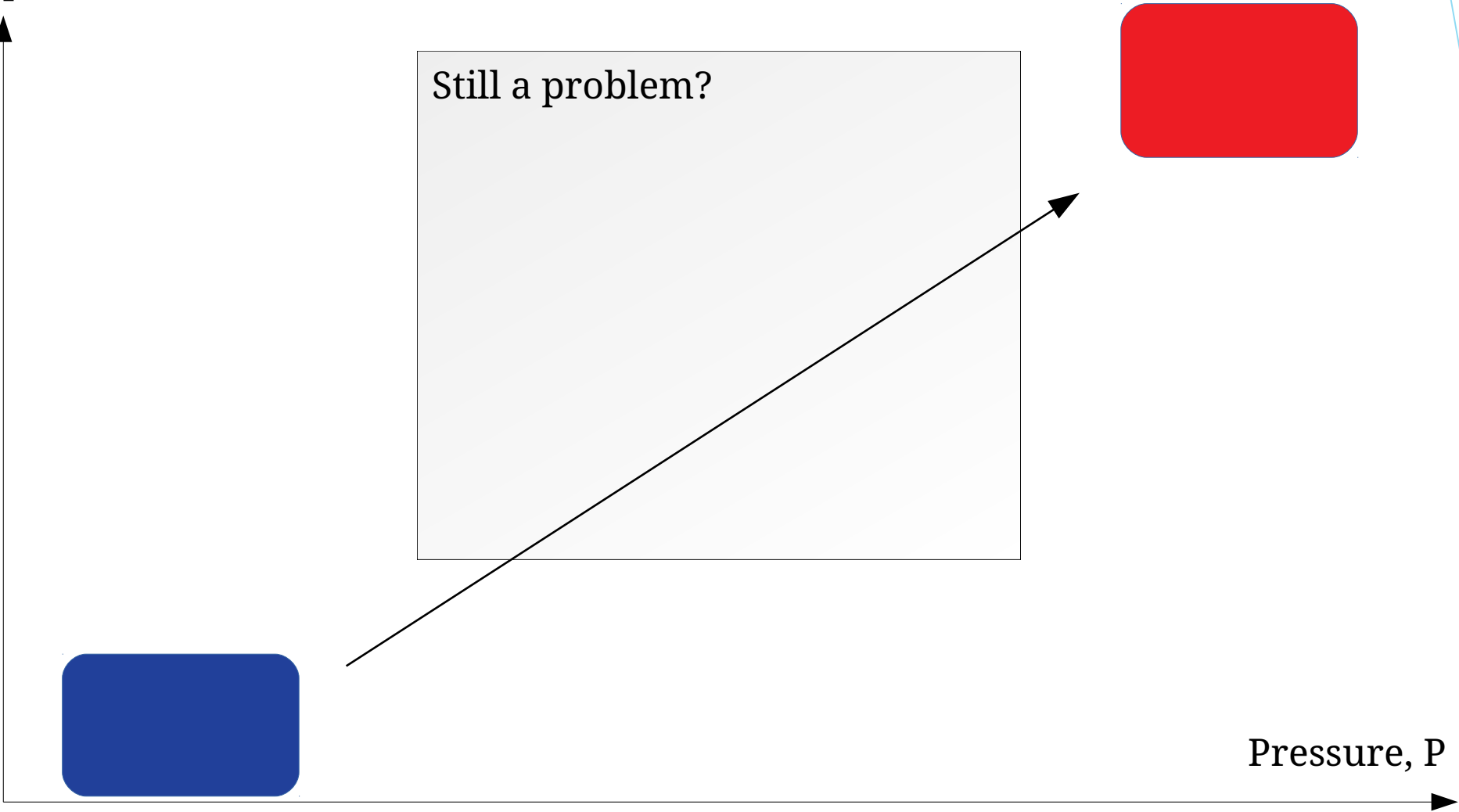


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Temperature, T



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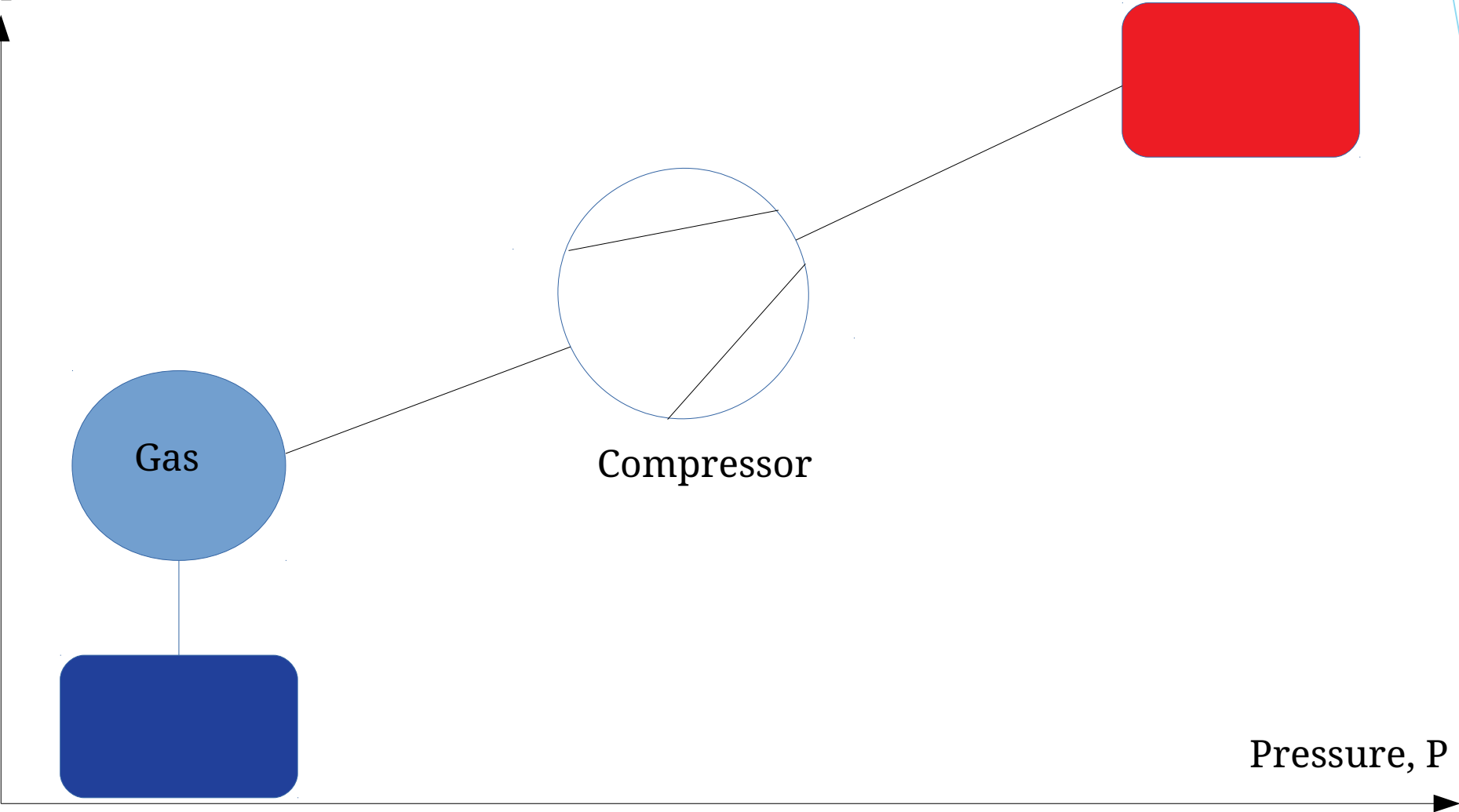


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Temperature, T



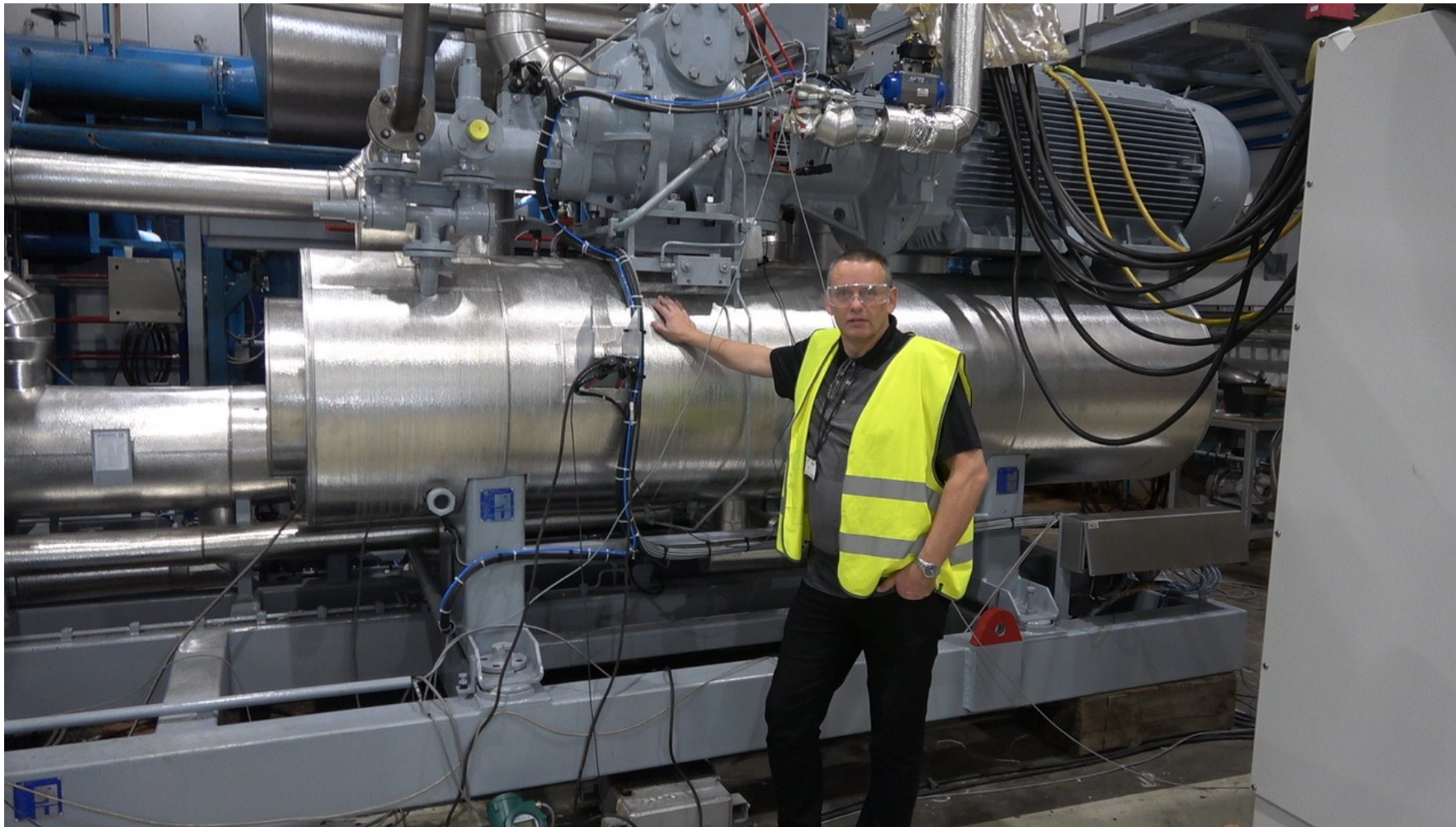
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Vestmannaeyjar, Iceland



More public info:

https://issuu.com/shecco/docs/ae_1903_33d31f1e897942/18

<http://ipaper.ipapercms.dk/MaskinmestrenesForening/Maskinmesteren/juli-2017/?page=30>

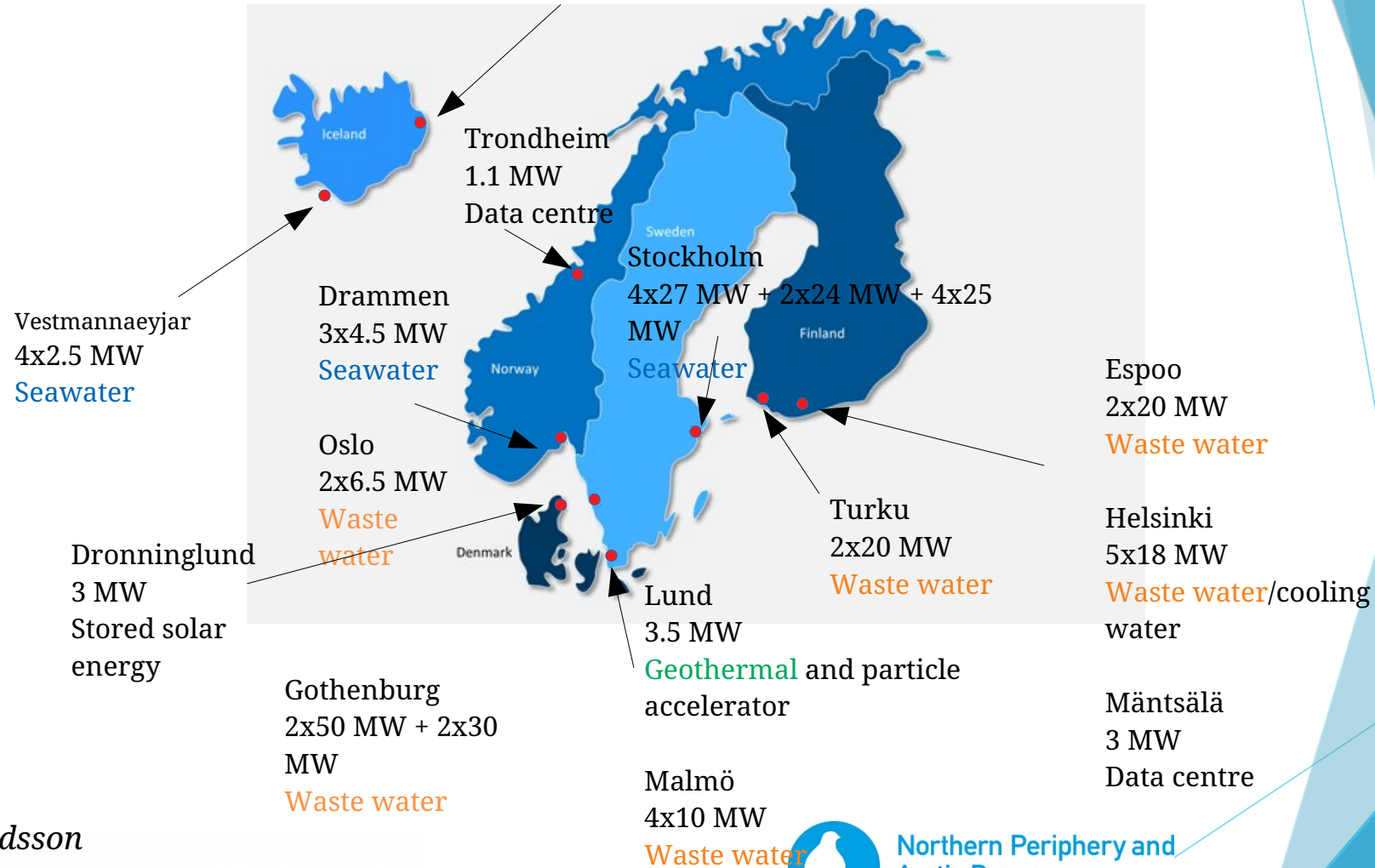
November 2nd 2018, 10 MW seawater heat pump



Heat Research and Development

Heat pumps for district heating

Seyðisfjörður???



Ragnar Ásmundsson



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Seyðisfjörður (Seydisfjordur)



From visitseydisfjordur.com



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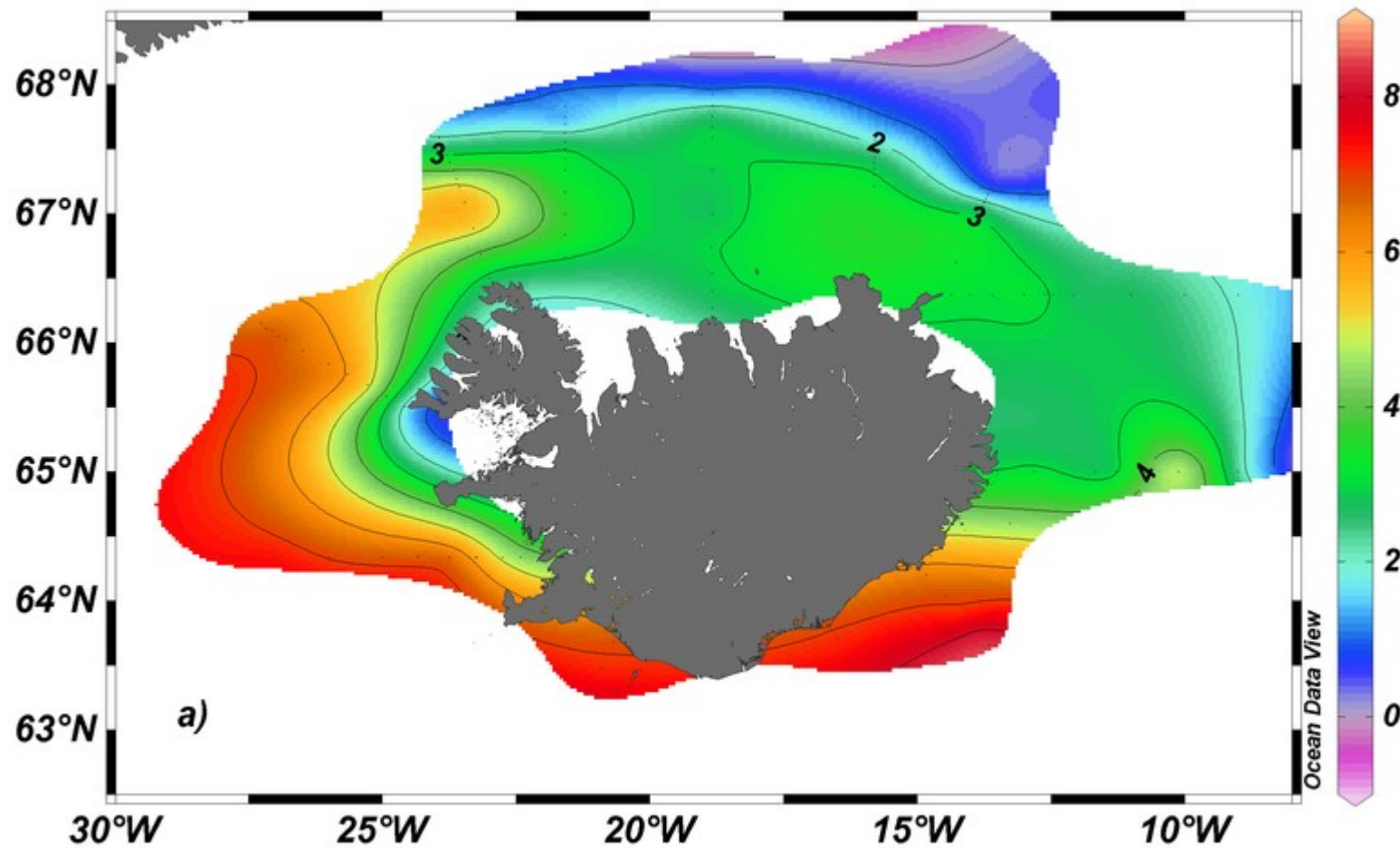


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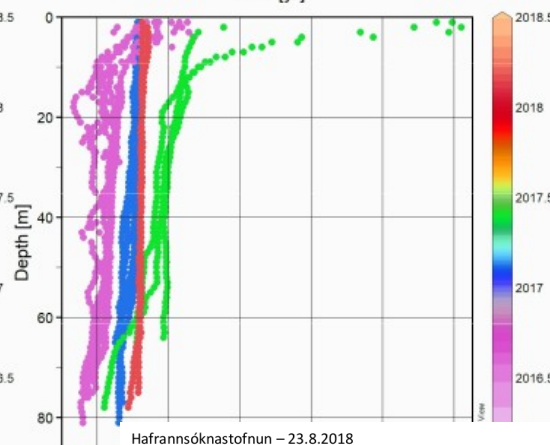
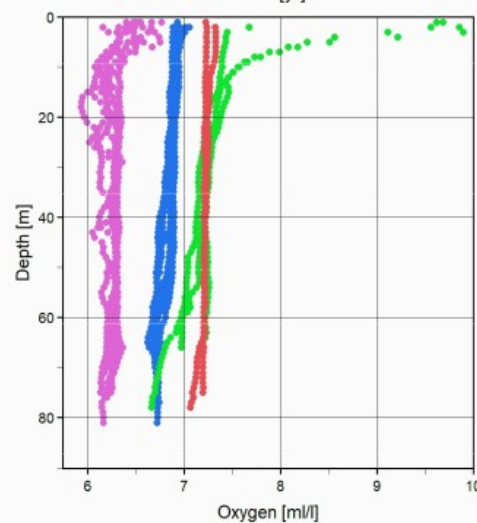
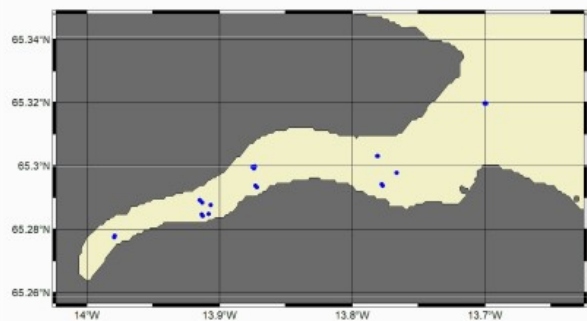
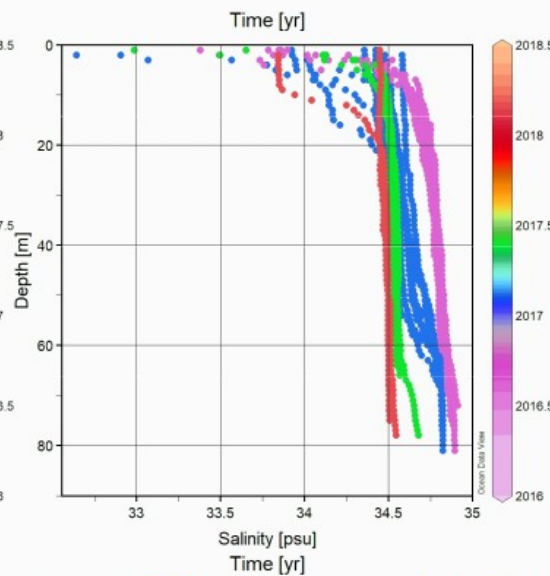
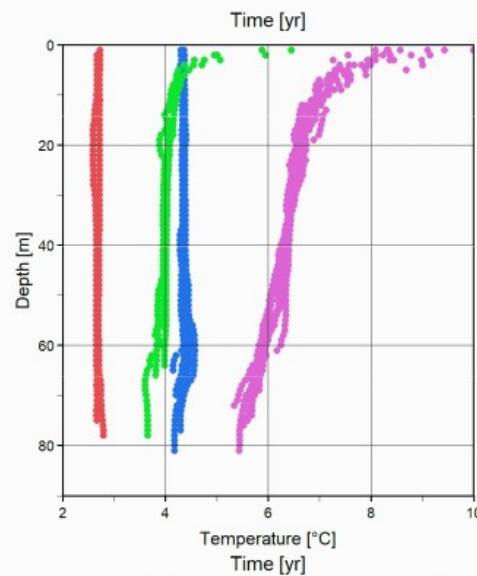
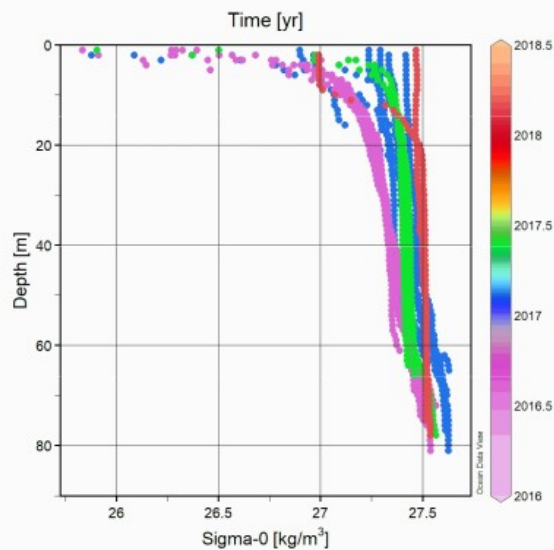


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*Ocean temperature around Iceland at 50 m depth in February 2011.
Image from www.hafro.is/Sjora*

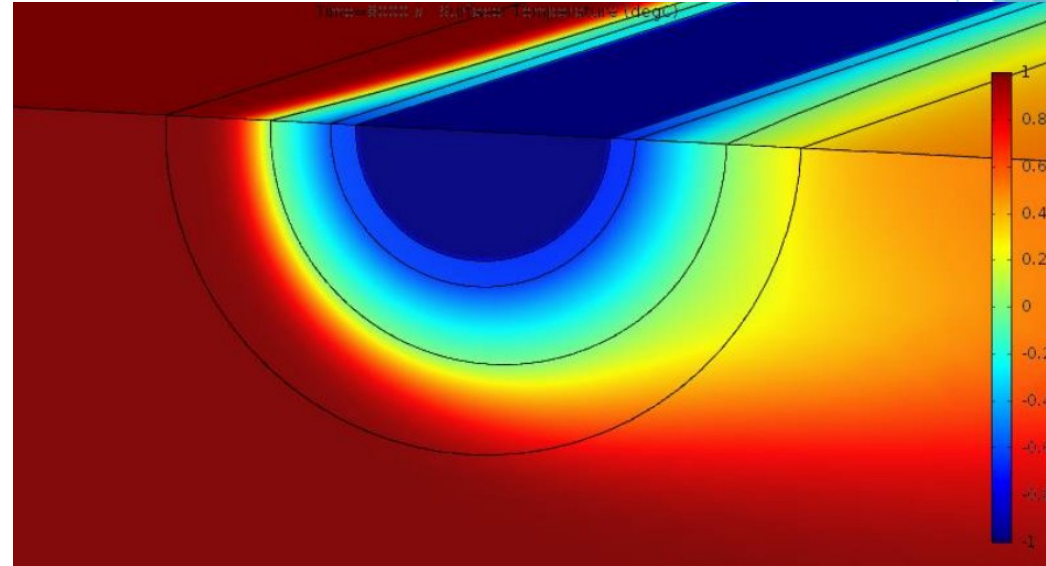


Hafrannsóknastofnun – 23.8.2018

Mat á burðarþoli Seyðisfjarðar m.t.t. sjókvíældis



Picture from
GeoPipe.fi



COMSOL simulation,
HeatRD





13 MW

Fjordvarme (cold loop)

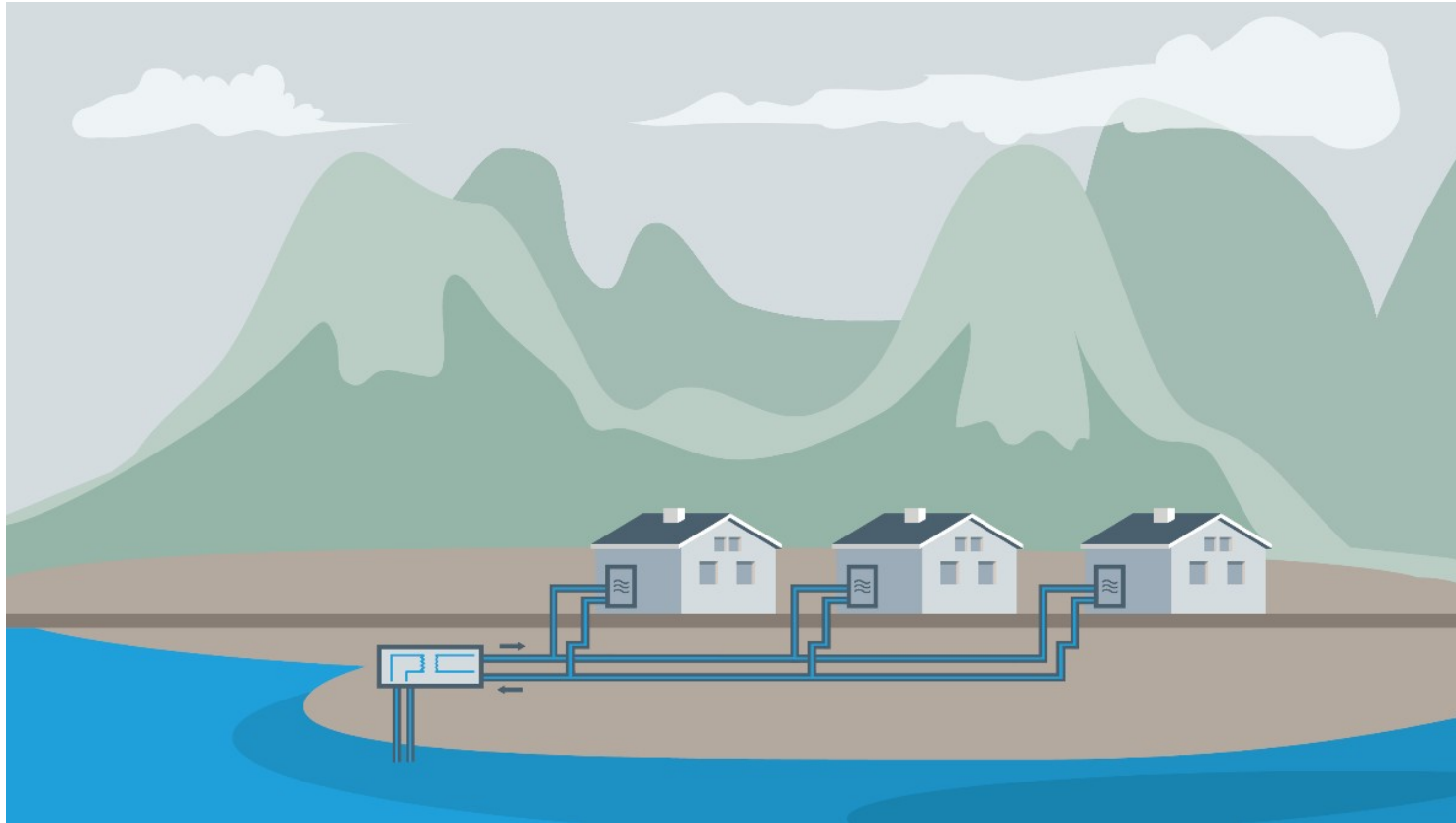
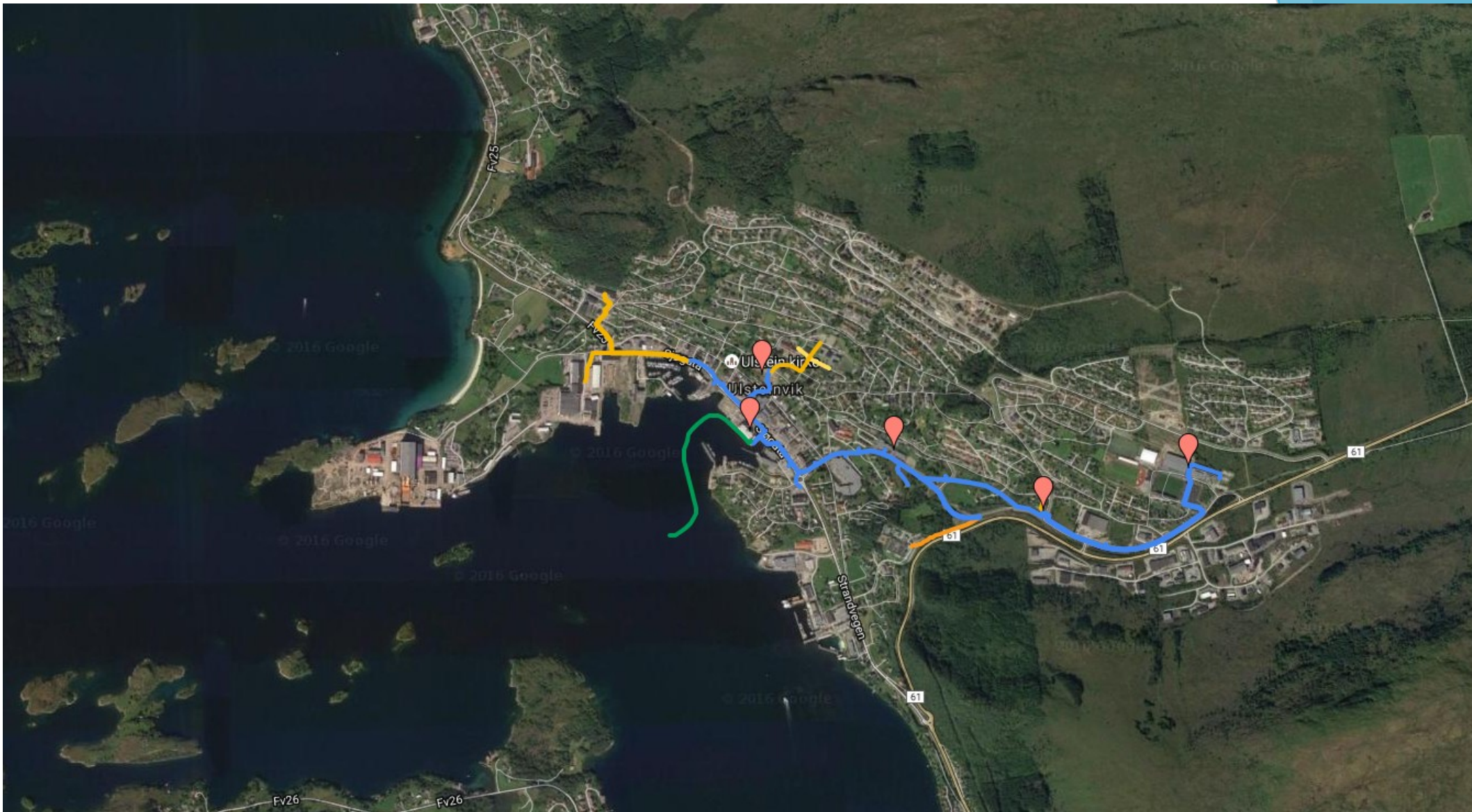


Image from COWI







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Collaboration



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Thank you

Takk fyrir



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