



Ocean Heat



Northern Periphery and
Arctic Programme
2014-2020



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The ocean is big

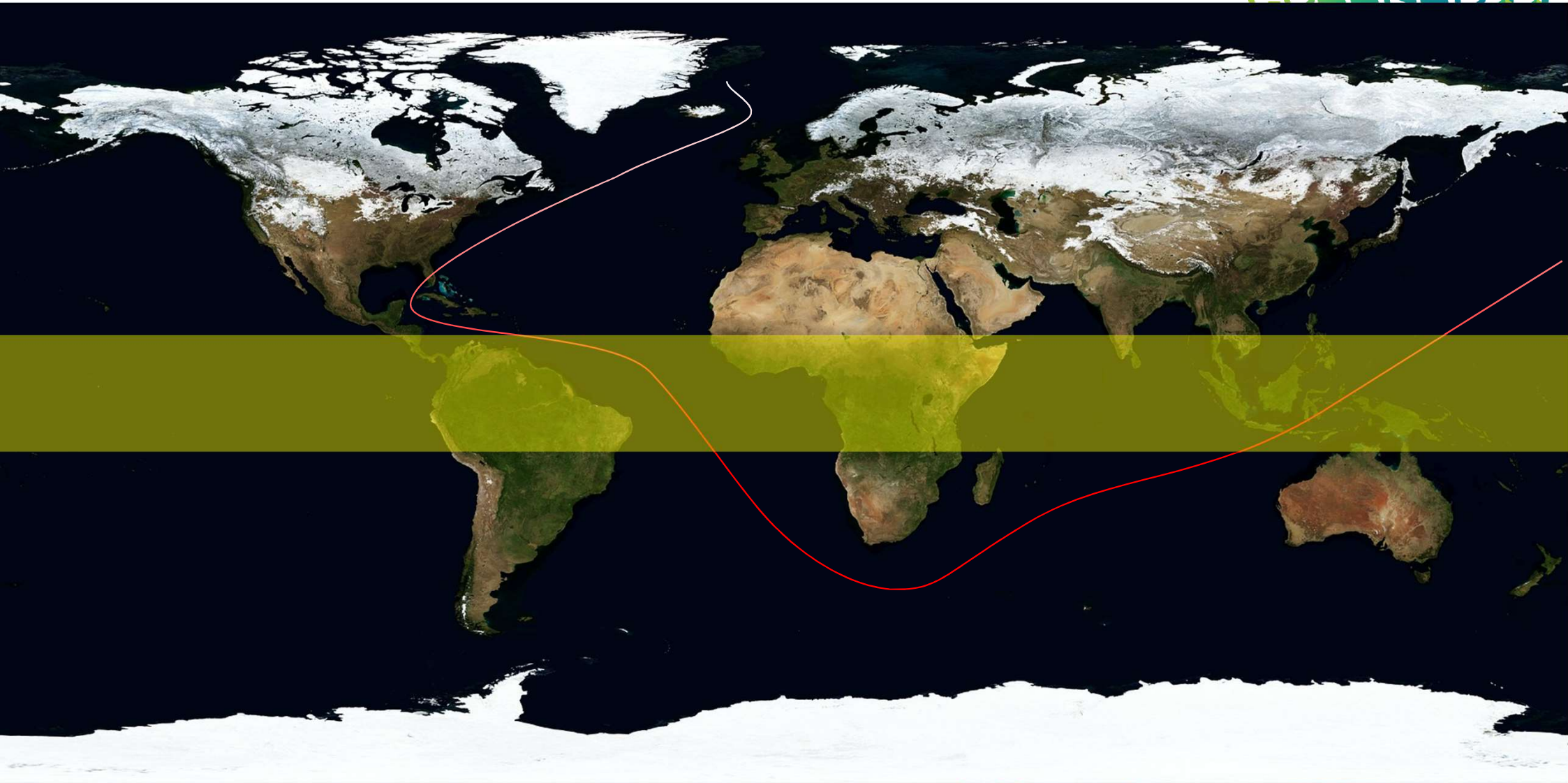


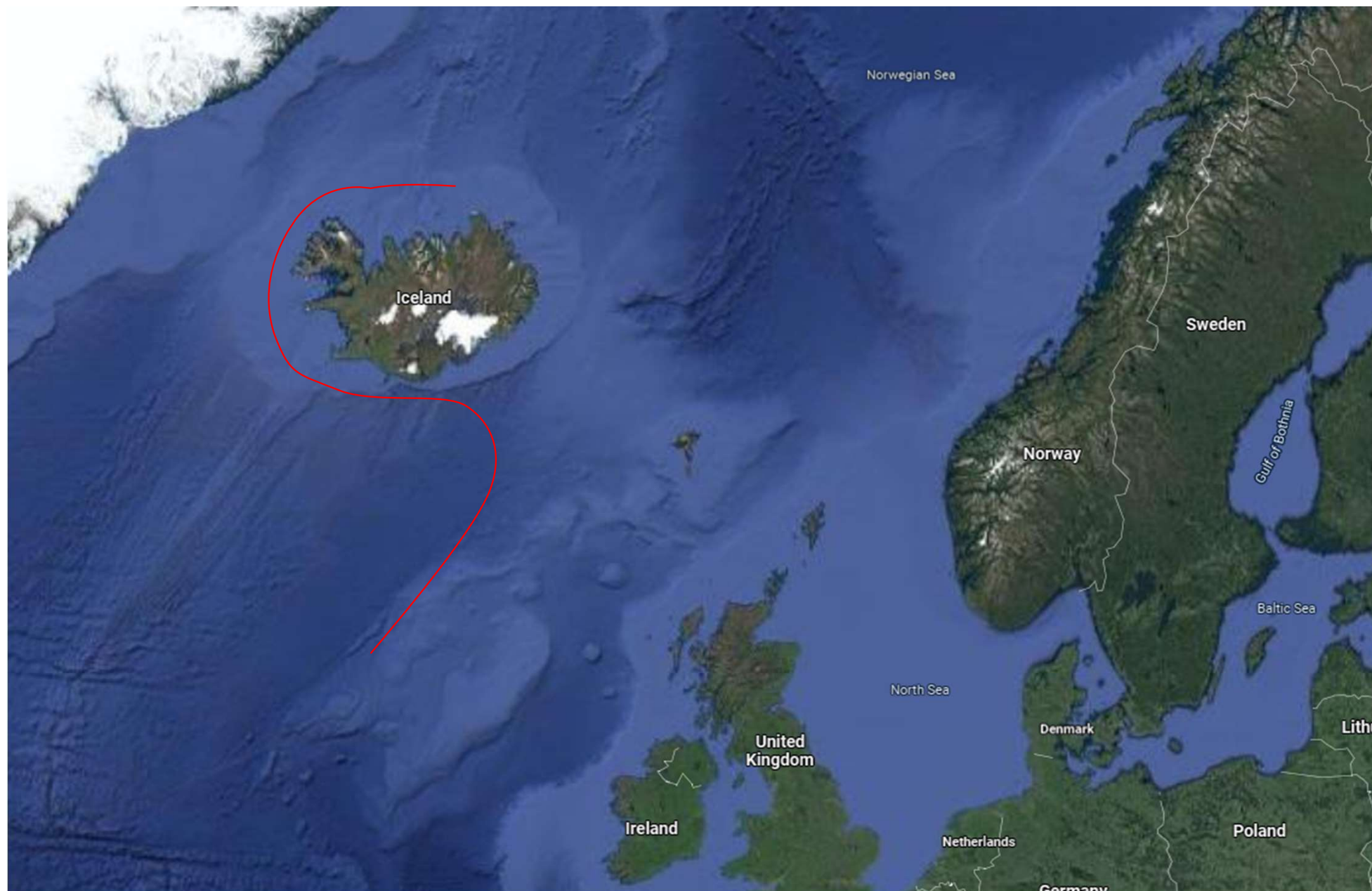
Climate protector

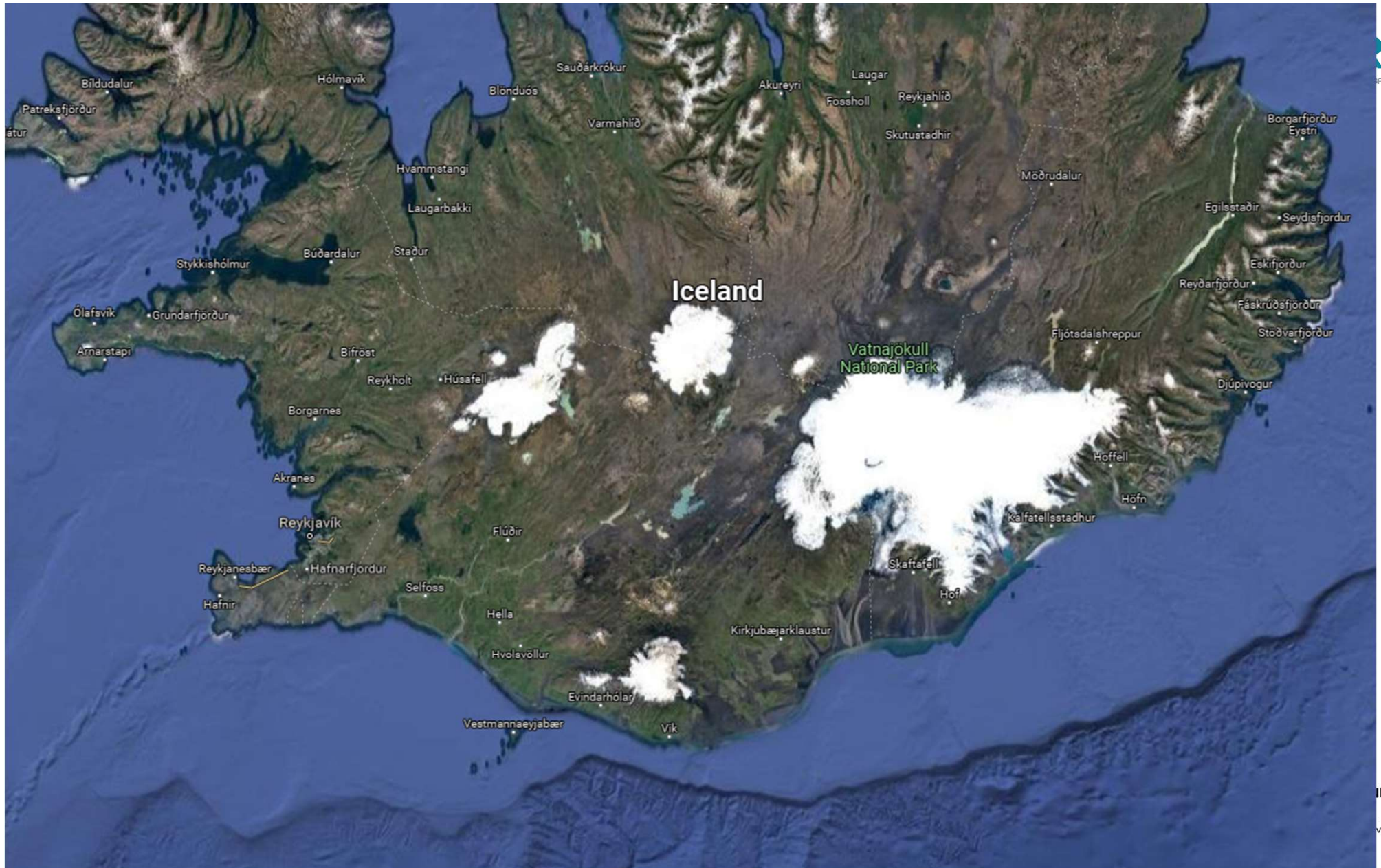
The sun heats the ocean

Ocean regulates global temperatures















Ívar Atlason
HS Veitur
Vestmannaeyjar





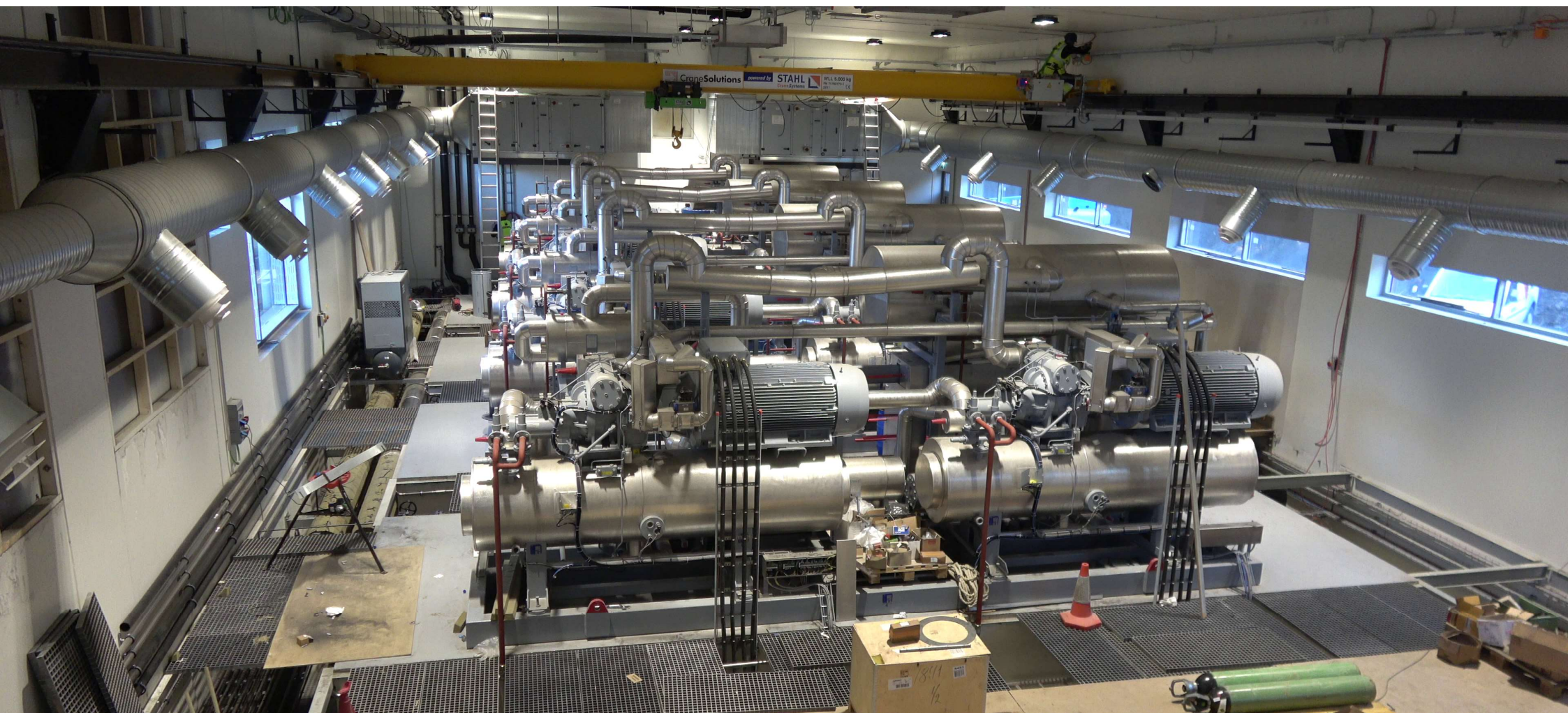














Heat Research and Development



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SMARTrenew





Benedikt Guðmundsson
Orkustofnun

Why drag it?

Enormous amount of heat

Renewable – from the sun

Easy to harness

Replaces coal based heating sources

Needs (renewable) electricity

Existing industrial heat pump technology

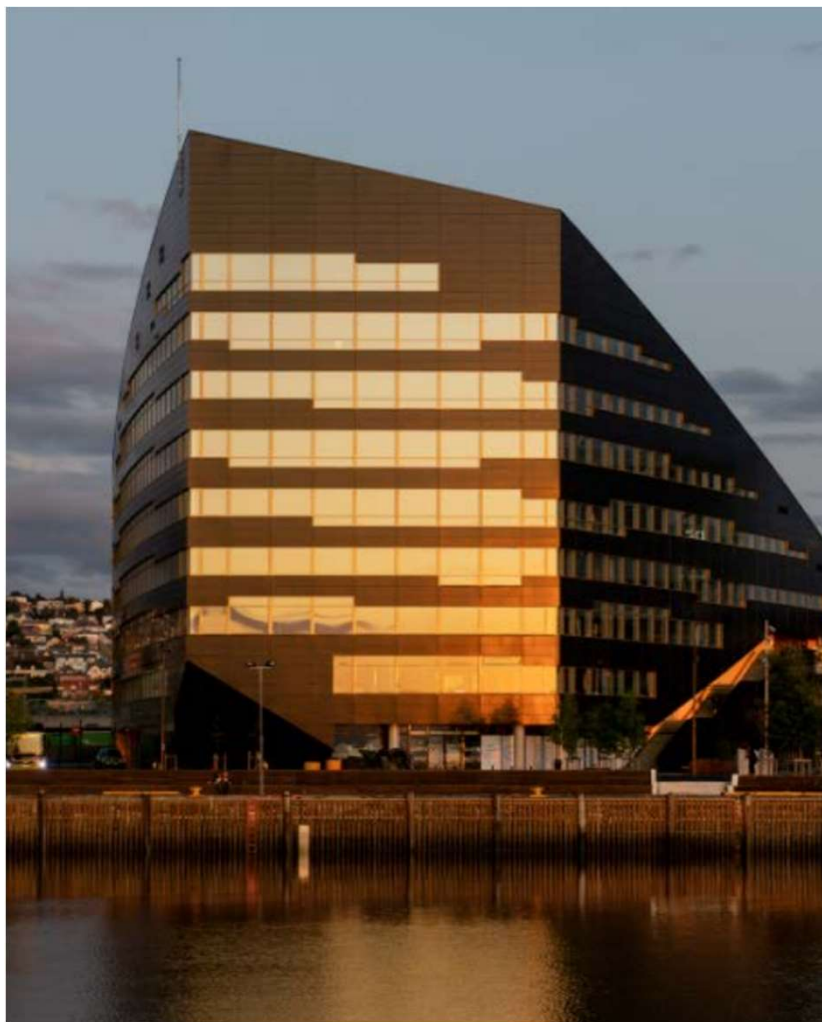
Compares with geothermal



More success

Drammen – the Icelandic group visited their site in early days of preparation (2014)

Powerhouse Brattørkaja



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A man with short, light-colored hair, wearing a black sweater over a light blue collared shirt, stands in a laboratory or industrial setting. He is pointing his right hand towards a large, vertical, cylindrical stainless steel vessel. The background features various pipes, a wooden ladder, and other industrial equipment. A control panel with the brand name 'Solenis' is visible on the left. The scene is brightly lit, likely from overhead industrial lights.

DR

kondensatoren, hvor vi har hævet temperaturen op til 30 grader, hvor det bliver sendt videre til step to.

GREENER

CLUSTERING REMOTE REGIONS FOR ENERGY RESILIENCE AND GROWTH



THANK YOU!

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