



The Blue Lagoon with the futuristic-looking Svartsengi geothermal plant visible in the background.

Iceland - The Land of Fire and Ice

Iceland is part of the Mid-Atlantic Ridge formed by magma that wells up through the rifts along the ridge. The magma heats the rock above, sending heated groundwater percolating to the surface in the form of *hot springs*. The heat is distinguishing the country as the Land of Fire and Ice.

The Blue Lagoon is created and maintained by the condensed steam from Orka geothermal power plant. During its path through soil layers the hot water takes up carbon dioxide and it is released when the water reaches the surface. Here the carbon dioxide is captured and reacted with hydrogen to form methanol – the motor fuel of the future. The process electricity is generated on the very same geothermal plant.

Energy Conference 25th of June 2012 in Reykjavik

The one-day energy conference 25th of June 2012 in Reykjavik is for a closed invited circle only.

- Visit a renewable methanol factory – the first in the world of its kind
- Learn about Iceland's energy research programs
- Introduction to the Icelandic government's energy policy
- Witness the transformation of a country into a hydrogen society
- A Danish counterpart

Organizer is Carbon Recycling International, Borgartúni 27, Reykjavík 105, Iceland. Telephone: +354 578 6878, info@carbonrecycling.is www.carbonrecycling.is

Co-organizer is Agro Industries A/S, Agro Food Park 13, DK-8200 Aarhus N, Denmark. +45 8793 0000 agro@starch.dk