Technical Tours Information

Remember to register. Each tour is limited to 68 registrations.

Nordic Biogas Conference
Reykjavík, 27-29 August 2014

Carbon Recycling International

Carbon Recycling International (CRI) captures carbon dioxide from industrial emissions and converts carbon dioxide into Renewable Methanol (RM). RM is a clean fuel that can be blended at different levels with gasoline to meet renewable energy directives. The production process captures carbon dioxide and minimizes emissions from energy intensive industries. CRI's methanol is compatible with existing energy and fuel infrastructure.

RM is a blend fuel for existing automobiles and hybrid flexible vehicles and can be purchased at existing gasoline stations. The production of RM is feasible at many locations around the world with geothermal, wind, and solar energy sources.

Reykjanesvirkjun Power Plant

Reykjanes Geothermal Resource Park is the world's premier showcase for geothermal energy and its uses. Reykjanes GRP is based on geothermal energy as the foundation and power source for a sustainable industrial park. The underlying concept is that the spill water or "waste" from one company in the park can be used as input for another company.

THE AIM IS ECOLOGICAL BALANCE, ECONOMIC PROSPERITY AND SOCIAL PROGRESS.

The Park's Sustainable Development goal is a totally green industrial park built on geothermal resources. Because the Park has renewable resources at its core, no other fuel is required and energy production is sustainable. The Park combines a range of technological and social aims under the guiding principle of not wasting any resource.

Álfsnes Landfill Site and Biogas Upgrading Plant

As a proactive response to environmental concerns over greenhouse gas emissions from the landfill in Álfsnes, SORPA developed a pilot operation in collecting landfill gas (biogas). Due to the unique utilization on Iceland of geothermal water for district heating and self-sufficient hydroelectric supply of electricity, the greatest social, economical and environmental benefits of using biogas in Iceland is to produce fuel replacing imported fossil fuel. SORPA´s pilot operation has been a remarkable success and is of great value to the Icelandic society.

Hellisheiði Power Plant

The Geothermal Energy Exhibition at Hellisheiði Power Plant is a state-of-the-art look into the harnessing of geothermal energy in Iceland. The plant is owned by Reykjavik Energy and is a striking example of how geothermal energy is harnessed in a sustainable manner in Iceland and a showcase for the rest of the world. The geothermal energy exhibition is presented via interactive multimedia and beautifully designed wall displays. It allows visitors to witness the country‘s geothermal utilization in a clear and illuminating fashion.