



NEWSLETTER

Edition 3, Volume 3

Citywest Convention Centre, Dublin,
on the 14th March, 2019



Ireland, Citywest Convention Centre,
Dublin, on the 14th March, 2019



Northern Periphery and
Arctic Programme
2014-2020



EUROPEAN UNION
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Inspecting The Geothermal Energy Exhibition at Hellisheiði Power Plant is a state-of-the-art look into the harnessing of geothermal energy in Reykjavik Iceland

ON Power is a leading power company that produces electricity, mainly by harnessing geothermal energy, to more than half of the population of Iceland. The company is a world leader in the utilization of geothermal energy, and produces electricity and geothermal water for heating. Renewable power sources account for more than 70% of the total primary energy consumption in Iceland, far higher than anywhere else in the world. Our district heating utility is the largest geothermal district heating utility in the world. The plant is owned by Reykjavik Energy and is a striking example of how geothermal energy is harnessed in a sustainable manner and a showcase for the rest of the world.



UPCOMING EVENTS

H-CHP Workshops in each partner country:

- 5th Partners meeting in Western Island Scotland 28th /29th of August,

WORKSHOPS

- Oulu University 9th September,
- Sweden on the 11th September ,
- Donegal on the 17th September,
- University of Iceland, 19th September,
- Scotland event will be in Lewis on the 26th September.

H-CHP Presentation at the Elighthouse workshop in Iceland showing different visits and presentations at venues in the Isle of Lewis. Presenter Brian Whittington at Barvas Show, Isle of Lewis. Kirsty and Donna is at Lochs Show, Isle of Lewis. Matthew and Finlay is at Ness Gala Day, Isle of Lewis.

Dublin meeting 13-14 March 2019



Partners visiting Dublin Castle

Work in progress. All preparation work tasks have been implemented; equipment has been purchased and assembled. Our objective will be achieved when the gasifier lab is ready in end of June.

Processing biomass into gasifier.



1. Biomass is fed into shredder. 2. Shredder produces biomass stock. 3. The biomass stock that is fed into pelletizer to produce pellets. 5. The pellets are fed into hopper container. 6. The gasifier produces syngas from pellets.



