

Final Conference

“Geoatlantic project results”

December 17th 2020

Organised virtually by the Ourense City Hall

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Background

The world's dwindling energy resources have hit crisis point. We have to move towards sustainable energy production and this will include the production of energy from multiple source points. This is in line with the EU's new directive on renewable energy which has set a binding target that at least 27% of its energy comes from renewable sources by 2030. Europe has a total installed generating capacity (electricity and thermal combines) of 29.9 GW, representing 35.9% of the world's geothermal capacity.

The GeoAtlantic project is supported by the Interreg Atlantic Area European Development Fund and investigates how geothermal energy can be utilised stored and recycled to provide heat for local communities in the Atlantic region. The main aim of the project is to develop tools and methodologies that create the necessary conditions to favour a transition away from traditional fossil fuel based energy production, whilst promoting the use of geothermal energy as an alternative.

About this Event

This conference aims to show the results carried out through the Geoatlantic project (www.geoatlantic.eu). All partners will present their project results. Furthermore, the conference will count with the participation of one external expert, who will give us information about geothermal energy and the EU Green Deal.

Due to COVID19 pandemic the conference will be hosted virtually in video streaming on YouTube. Link: <https://youtu.be/6Eg9JIZ8IH8>.

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Program

10:00	<p>Welcome participants.</p> <p>Introduction by the Mayor of Ourense's Municipality.</p> <p>Mr. Gonzalo Pérez Jácome</p>
10:15	<p>Conference title: Geothermal energy and the EU Green Deal</p> <p>Lecturer: Sanjeev Kumar, Head of Policy from the European Geothermal Energy Council.</p> <p>Description: The EU Green Deal provides a unique opportunity for geothermal heating, cooling, electricity and lithium extraction. Sanjeev Kumar, Head of Policy at EGEC will explore the opportunities and challenges ahead</p>
10.45-14.00	Partners results presentation
10.45	<p>Conference title: EnergyLab & GeoAtlantic Project</p> <p>Lecturer: Eduardo Rodríguez from EnergyLab</p> <p>Description: we will show all EnergyLab's contributions in each WP and we will talk about Galicia geothermal energy situation.</p>
11:00	<p>Conference title: Diffuse degassing and hydro geochemical surveys for geothermal resources evaluation studies in Tenerife & Gran Canaria (Canary Islands, Spain), Terceira (Azores, Portugal) and Ourense (Galicia, Spain)</p> <p>Lecturer: Nemesio M. Pérez Rodríguez from ITER</p> <p>Description: It will show the methodology applied and main results and conclusions of the three studied territories in the frame of the project</p>
11:15	<p>Conference title: Energy efficiency by geothermal heat pump solution in Fonte Santa - Almeida, Portugal</p> <p>Lecturer: Jorge Antunes and Carlos Oliveira from Associação de Municípios da Cova da Beira</p> <p>Description: Geothermal Heat Pump Systems to supply thermal load needed for heating and cooling a Hydrothermal Spring - Demonstration Site</p>
11:30	Break

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11.45	<p>Conference title: Geothermal energy in Portugal mainland</p> <p>Lecturer: Ana I. Palmero Marrero from Porto University</p> <p>Description: In this presentation, using the results obtained from the Geoatlantic project, the current situation of geothermal energy in continental Portugal will be shown. The training and dissemination of geothermal technologies organized by UPorto will also be presented.</p>
12:00	<p>Conference title: Islay Energy Trust and GeoAtlantic</p> <p>Lecturer: George Dean from Islay Energy Trust (United Kingdom)</p> <p>Description: The experiences and learnings of a small island charity from the GeoAtlantic project</p>
12:15	<p>Conference title: GeoAtlantic at Alienergy</p> <p>Lecturer: Lynda Mitchell from AliEnergy (United Kingdom)</p> <p>Description: A Scottish demonstrator project: feasibility and design of ground source or water source heat pump systems for use in buildings owned by Scottish Canals, many of which are situated adjacent to canal waterways.</p>
12:30	<p>Conference title: GeoAtlantic Project Outcomes</p> <p>Lecturer: Rob Gurnett from Exeter University (United Kingdom)</p> <p>Description: The presentation will cover some of the outcomes from Exeter University's work on the GeoAtlantic project, including: development of a training course for heat pump designers, installation of a ground recharge demonstration project, case studies and technical support provided to local enterprises</p>
12.45	<p>Conference title: A community of actors to increase use of a favourable geological resource</p> <p>Lecturer: Camille Mehl from Agence Locale de l'Energie et du Climat métropole bordelaise et Gironde (France)</p> <p>Description: Geoatlantic enable Alec to reach all actors of geothermal sector, from institutional to SME. Through creation of working group, trainings, coaching and communication tools; to develop skills, raise business interest and increase social acceptance.</p>

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13:00	<p>Conference title: Boosting local ecosystem for the use of geothermal energy in the local communities</p> <p>Lecturer: Sreto Boljevic from Cork Institute of Technology (Ireland)</p> <p>Description: Boosting local ecosystem for the use of geothermal energy in the local communities. Skill Development in Strategic Actors</p>
13.15	Break
13:30	<p>Conference title: Innovating geothermal heat pumps: status quo and outlook for the next decade</p> <p>Lecturer: Dan Stefanica from European Heat Pump Association (EU)</p> <p>Description: We are in the midst of a transition, one focused on renewable heating and cooling, energy security and the use of local resources. With geothermal energy, heat pumps and the involvement of local communities, offering a glimpse of the future.</p>
13:45	<p>Conference title: GeoAtlantic Project Outcomes</p> <p>Lecturer: Matilde Pereira and Prof. João Carlos Nunes from EDA RENOVÁVEIS, S.A</p> <p>Description: The presentation will cover some of the outcomes from EDA Renováveis's work on the GeoAtlantic project</p>
14:00	<p>Conference title: Main conclusions of the Geoatlantic project</p> <p>Lecturer: Raúl González from Ourense City Hall (Spain)</p> <p>Description: in the presentation we will include a tour of the main achievements of the GeoAtlantic project at a global level</p>
14:15 – 14.30	Round up; End of the conference

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