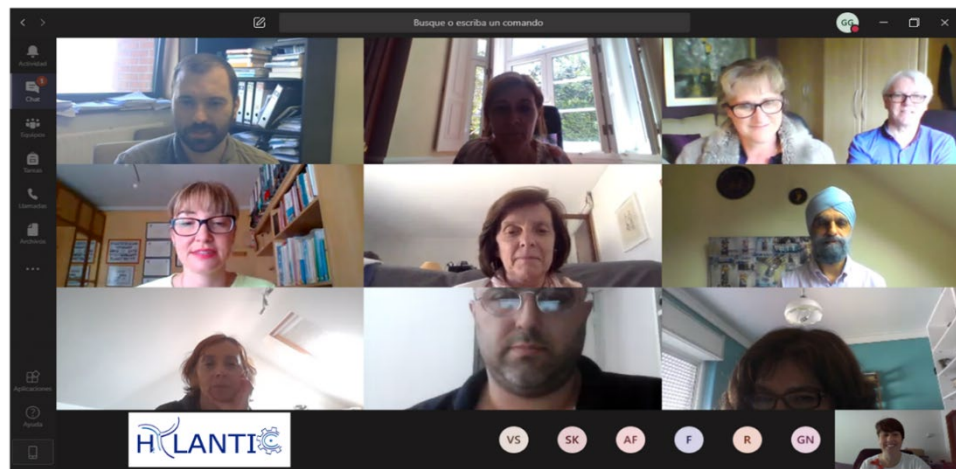


LATEST NEWS HYLANTIC PROJECT

Follow-up Project Meeting – June 2020



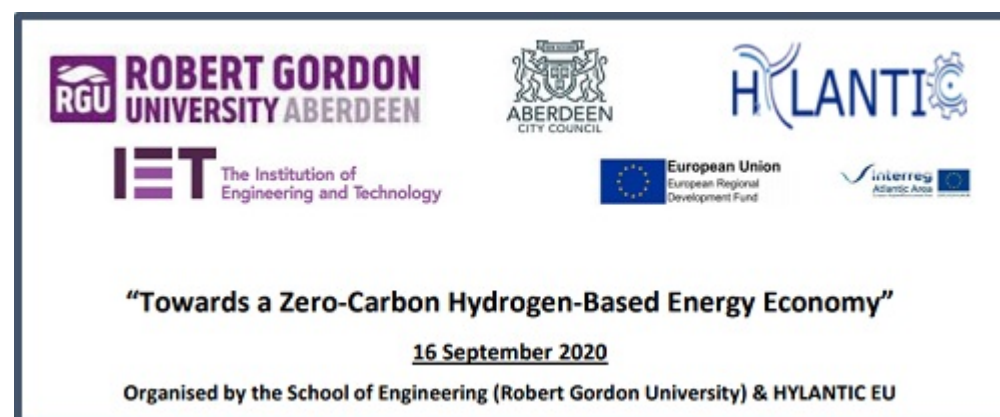
On June 29-30, 2020, the fifth follow-up meeting of the European project “Atlantic Network for Renewable Generation and Supply of Hydrogen to promote High Energy Efficiency – HYLANTIC” took place through Microsoft Team app. During the meeting, all partners presented their last outcomes from last meeting in Bristol, in September 2019.

Event: “Towards a Zero-Carbon Hydrogen-based Energy Economy” – September 2020

Several members of HYLANTIC project participated in the event, organized by the School of Engineering (Robert Gordon University) & HYLANTIC EU, by delivering some presentations.

Dr. Alfredo Ortiz, from the University of Cantabria and coordinator of HYLANTIC Project, delivered the talk “Introduction to the HYLANTIC EU Project”. Moreover, Dr. Sergii Kashkarov, from Ulster University talked about “HYLANTIC EU Project – Hydrogen Safety”, while Mr. Daniel Alkiil,

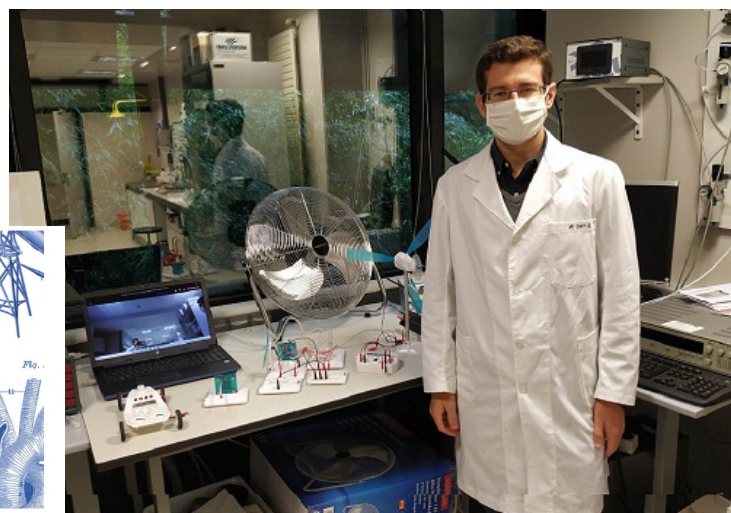
on behalf of Pure Energy Center, was in charge of “HYLANTIC EU Project – Bulk Marine Production of Green Hydrogen”. Moreover, Mr. Daniel Alkiil chaired the event, too.



DISSEMINATION EVENTS

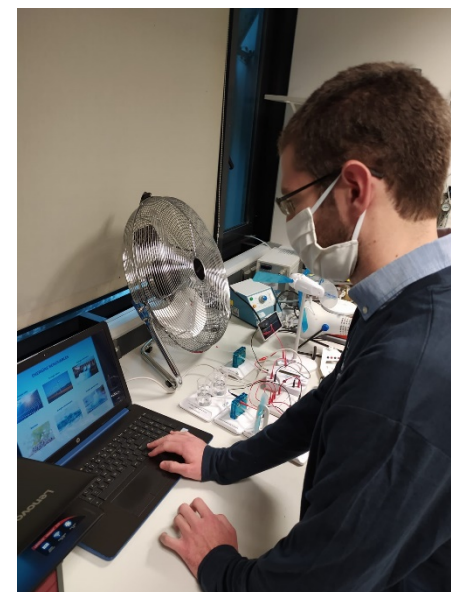
Science Week 2020

Rafael Ortiz, on behalf of the University of Cantabria (UC), participated in the Science Week organized by the Scientific Culture Unit of the UC on November 9 – 20, 2020. Rafael delivered the virtual workshop “Hydrogen, the energy of the future: production through renewable energy and applications, to secondary students of El Alisal High School (Santander) and Fuente Fresnedo High School (Laredo) and explained how the Hylantic project can contribute to use Hydrogen as future clean and sustainable fuel.



European Researchers' Night 2020

Rafael Ortiz, on behalf of the University of Cantabria, participated in the “European Researchers' Night 2020. In this edition, celebrated on November 27th, 2020, secondary students of Alberto Pico High School (Santander) had the opportunity to meet virtually the researchers and know the projects. Rafael delivered a workshop entitled “Green Hydrogen: the clean energy alternative of the future”.

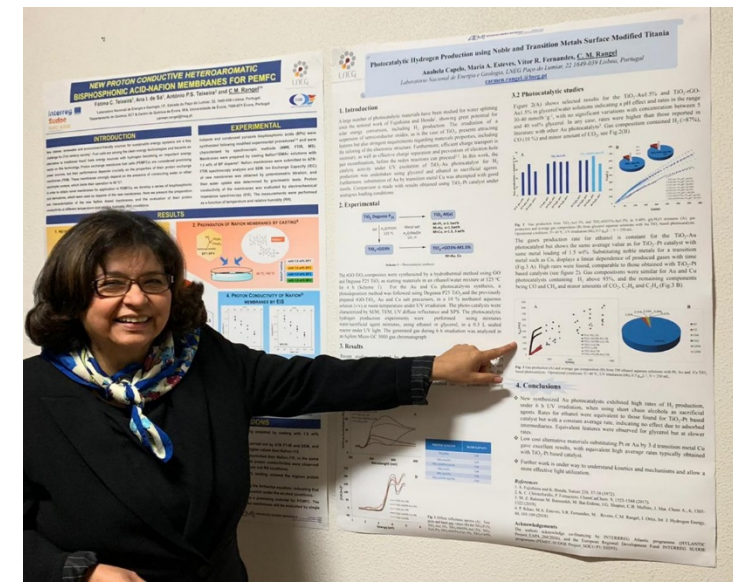


In order to contribute to the project dissemination a video was edited by the UC. It is available on:
https://youtu.be/DL420ZS_y6U

CONGRESSES & CONFERENCES

AEM 2019 – September 11-13, 2019

LNEG participated in the Advanced Energy Materials – AEM 2019, celebrated in the University of Surrey (England). The contribution presented was “Photocatalytic Hydrogen Production using Noble and Transition Metals Surface Modified Titania”, whose authors are: A. Capelo, M.A. Esteves, V.R. Fernandes and C. M. Rangel.



SPARK – June 30 – July 1, 2020

Ms. Amanda Lyne, Chief Executive Officer at ULEMCO, attended the event “SPARK – Innovation – Tech – Sustainability” that took place in London (United Kingdom). SPARK is considered as the world’s most exciting energy event, bringing together energy industry stakeholders from across Europe and beyond. It was one of Europe’s largest energy conferences with 400 speakers and 4,000 senior attendees representing utilities, energy distributors, power generators, government, electric vehicles infrastructure and more.



SPHFCA 2020 – October 14-15, 2020

Ms. Amanda Lyne from ULEMCO participated in the SHFCA 2020 H2FC Online Conference. This event, organized by the Scottish Hydrogen & Fuel Cell Association was focused on the green post-Covid recovery with hydrogen and fuel cells.



Logistics UK's Fleet Engineer 2020 – October 21, 2020

Amada Lyne on behalf of ULEMCO participated in the first virtual Logistics UK's Fleet Engineer 2020.



HYDROGEN SUMMIT EUROPEAN STRATEGY – October 28-29, 2020

Carmen Rangel, on behalf of LNEG participated in the Hydrogen Summit European Strategy, specifically in the session Technology Development. The event was celebrated in Prague.



Workshop Renewable Energy – September 19, 2019



Carmen Rangel attended the workshop Renewable Energy, celebrated in Porto (Portugal), where she delivered the talk “The potential of hydrogen energy storage in the energy transition Portugal-Morocco”.

Workshop: Implementando o Mercado do Hidrogénio Verde – June 16, 2020

Carmen Rangel, from LNEG participated in the virtual workshop “Implementando o Mercado do Hidrógeno Verde / Implementing the Green Hydrogen Market”, organized by the Resilient Group. Carmen presented her work in the session Focus Indústria Hydrogen: Research, Development and Innovation.



Doctoral Seminars – June 18, 2020



Rafael Ortiz Imedio presented the last outcomes achieved in the framework of the European project HYLANTIC, during the doctoral seminars organized in the Chemical & Biomolecular Engineering Department of the University of Cantabria. Rafael delivered the talk: “Upgrading of industrial waste hydrogen in internal combustion engines”. These annual seminars are aimed at promoting training of PhD students and disseminating their research activities.

Interactive Workshop – October 5, 2020

AURIGA ENERGY participated in the interactive workshop “Maritime UK South West (MUKSW) and MarRI-UK”, organized by the Marine Business Technology Centre (MBTC). The aim of the workshop was to help to define a new funded call for Smart Maritime Land Operations (SMLO) projects.



Virtual Workshop – October 5-6, 2020

Ulster University attended the International Virtual Workshop of First Responders held by International Fire Academy. The event was celebrated in Switzerland.



UKHFCA – November 5, 2020



Ms. Amanda Lyne, on behalf of ULEMCO attended the webinar “Delivering net zero and clean growth through hydrogen and fuel cells: opportunities in heavy transport”. The aim of the webinar, organized by UK Hydrogen and Fuel Cell Association, was to explain the role for H₂ and fuel cells in delivering net zero and clean growth through the decarbonisation of heavy transport.

Virtual Seminar – November 12, 2020

Dr. Alfredo Ortiz, as coordinator of the European project HYLANTIC participates in the virtual seminar “Towards a more connected Europe “Interact” organized by Interact Programme (European Commission). Alfredo delivered the talk “R&D, Implementation and commercialisation of hydrogen” in the session Alternative fuels and hydrogen as a promising option?



OTHER EVENTS

On April 4th, 2019 Carmen Rangel was invited to deliver the talk “Electrochemistry of Materials for Energy (addressing Fuel Cells and Hydrogen)”, in the Instituto Politécnico de Portalegre (IPP). The audience was formed by students of the Degree in Technologies for Biofuel production, Master in Technologies for environmental valorization and energy production, researchers and the scientific community interested in the topic.



Fórum Internacional da Mobilidade Sustentável – May 17, 2019



Carmen Rangel, on behalf of LNEG, presented the work Towards Zero Emissions Mobility and the Energy Transition, developed by C.M. Rangel, P.Pinto and A.I. de Sá, in the Fórum Internacional da Mobilidade Sustentável, that was held in the National Railway Museum in Entroncamento (Portugal).

ENERTECH 2019 – October 11-13, 2019

LNEG participated in IV Technology Fair for Energy - Enerotech 2019, celebrated in Sabugal, with an own stand of dissemination placard about Hydrogen Technologies and brochures.



8th Forum Energia – September 29-30, 2020



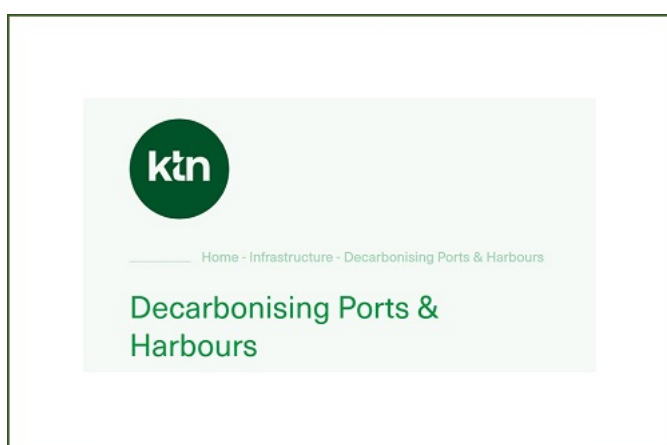
Carmen Rangel, from LNEG, participated in the Round Table of the session A Hydrogen Cluster in Portugal, in the 8th Forum Energia, within stake holder from industry and Government.

Virtual Meeting of United Nations – October – November 2020

Ulster University attended the Virtual Meetings of United Nations “Global Technical Regulation on Hydrogen and Fuel Cells Vehicles(GTR#13) Informal Working Group, Subgroup Safety. These seminars took place on September 16 and 30, and on October 14, 2020. Researchers from Ulster University were promoting explosion-free in a fire safety technology, discussed the possible safety issues of the fire testing procedure and issues associated with real fires with hydrogen storage systems involved.



Network – October –20, 2020



Auriga Energy attended the launch of the Decarbonising Ports & Harbours Innovation Network.