

Introduction to Blockchain in Energy Projects

THEMATIC AREA: Blockchain in Energy

WEBINAR TITLE: Introduction to Blockchain in Energy Projects

DATE: Fri 30 Oct 2020

TIME: 12:00 – 13:00 GMT

DURATION: 1 Hour

VENUE: Online

CONTACT: blockchain-secretary@ieee-ukandireland.org

> WEBINAR HIGHLIGHTS

As an introduction to Blockchain in Energy, this webinar is designed to discuss a couple of projects based in Ireland (CENTS and EnerPort) and to introduce the audience to the IEA DSM TCP Global Observatory on Peer-to-Peer, Community Self-Consumption & Transactive Energy Models (GO-P2P). CENTS is a disruptive technology platform for the electricity sector where citizens and communities will be empowered with the necessary tools, to trade excess electricity generated in their buildings, earn from doing this and to be an integral part of decarbonizing their homes and communities for sustainable living. It is funded by the Irish Government under the Disruptive Technologies Innovation Fund (DTIF). "EnerPort" was an Irish government- and industry-funded collaborative project where blockchain technology was used to develop a peer-to-peer (P2P) energy trade model to support energy trade between microgrids. GO-P2P Observatory is a Task under the Demand Side Management Technology Collaboration Programme (DSM TCP) by the International Energy Agency.

> WHO SHOULD ATTEND

This webinar is intended for everyone, from students already studying Blockchain, Electrical Engineering or Energy, to practitioners who work in these areas, who want to learn more about Blockchain in Energy.

> WEBINAR OBJECTIVES

- Introduce the Disruptive Technologies Innovation Fund Project – CENTS
- Present the EnerPort project and its results
- Make the audience aware of the GO-P2P

> THE SPEAKERS



Mr Brian O Regan is head of the SIERRA Group in the International Energy Research Centre, Tyndall National Institute. He is PI of the Cooperative Energy Trading System (CENTS) Blockchain P2P Project, a Technical Committee member of the NSAI (NSAI/TC 002/SC 16 "Blockchain and electronic distributed ledger technologies") and subtask lead on the IEA DSM TCP Global Observatory on Peer-to-Peer, Community Self-Consumption & Transactive Energy Models.



Dr Barry Hayes is an Assistant Professor in Electrical Power Engineering at University College Cork. His research interests are in the grid integration of sustainable energy technologies, and the operation and planning of future power systems. He is the author/co-author of 40 international peer-reviewed publications. Barry is a funded investigator in the UCC MaREI research centre, and a Senior Member of the IEEE.



> WEBINAR CONTENTS

1. Blockchain in Energy
2. CENTS Project
3. EnerPort Project
4. GO-P2P DSM

> ACCREDITATION

This webinar is accredited by IEEE UK and Ireland Section.

> TRAINING WEBINAR STYLE

This training Webinar is practical, participatory and personal. We focus on real issues and help participants to benefit from the techniques covered, rather than just discuss them. A variety of learning methods are employed to stimulate interest and meet the differing needs of participants—including illustrated presentations, discussions, and case studies.

> REGISTRATION

Please fill in the form at <https://www.eventbrite.co.uk/e/introduction-to-blockchain-in-energy-projects-tickets-123677798625> to book your seat for the webinar



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