LIEN EVENT OVERVIEW

This on-line event will focus on the latest research in advanced digitalisation, identify opportunities for large industry to engage with intelligent energy management and showcase software solutions for digitising energy management within facilities.

The event will provide insights, case studies and possible solutions to further enhance energy efficiency through the application of intelligence. It will also explore the challenges associated with siloed energy data and system integration. The content and structure of the event will provide insight into live horizon 2020 advanced technology projects, market leading expertise from energy data management suppliers and the Irish Manufacturing Research (IMR) agency.

In addition, this event offers participants the opportunity to shape SEAI's provision of energy data management supports and the potential for a special working group will be discussed during the event.

AGENDA

09.45   Log in and informal chat

10.00   **Welcome** and Introduction of Energy Data Management as a LIEN support area. **Jeff Power, SEAI**

10.05   **Live Horizon 2020 Cogniplant Project.** Advanced digitisation and intelligent management of process industries, with the latest developments on advanced analytics and cognitive reasoning. An outline of the public documents available from this EU funded Horizon 2020 project will be provided.
        Stefano Ellero, STAM

10.15   **Fundamentals, Methodologies & Tools of Data Analytics** . The essentials of data analytics; how to join existing energy data streams with other tangential data sets; for better insights, metrics, predictability, control. Could a 'Maturity Model' help organizations see where they are on this journey. What are the relevant comparative metrics that could measure improved performance.
        Fergus Quilligan, IMR

10.30   **R&D Landscape for Data Analytics**. How to facilitate opportunities for industry to engage. A summary of the broad R&D landscape. **Carlos Garcia, IMR**

10.35   **Operational Efficiencies**. How data analytics can transform operational efficiencies for LIEN members.
        Paul Walsh, CIM

10.50   **Energy Data** An overview of the options, solutions and capabilities with digital data in energy management.
        Frank Casey, ResourceKraft

11.05   **Scope** of an Energy Data Management SWG. **Jeff Power, SEAI**

11:15   **Discussion** and Q&A

11:30   Close

WHO SHOULD ATTEND

This event is open to all LIEN members with an interest in energy data management and who wish to advance their knowledge on this topic. It is especially relevant for:

- Personnel looking to build their knowledge and consider their energy strategy towards 2030
- Personnel with responsibility for building energy use
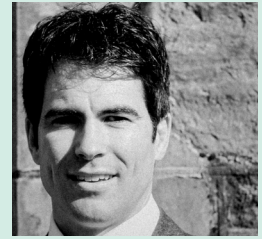- Personnel who are considering energy alternatives

Rialtas na hÉireann
Government of Ireland

PRESENTER PROFILES

Jeff Power SEAI
SEAI Large Business Programme Executive.
Designing and developing tailored programmes, events and initiatives to have maximum impact on Large Businesses energy consumption. Supporting and collaborating with client organisations to adopt good energy management practices and decarbonisation initiatives.

Stefano Ellero STAM
Area Manager
Stefano received his Master Degree in Mechanical Engineering at the University of Genova in 2010. An experienced Project Manager with expertise in design, engineering, prototyping, industrialization and testing of mechanical devices, mechatronic systems and production processes. Contributed to developments in applications such as: automotive, construction, bio-engineering, robotics and aerospace.

Fergus Quilligan IMR
Director of Analytics
Fergus leads up IMR's work in helping companies begin their analytics journey and developing analytics roadmaps. He works on delivering cutting edge solutions into companies and leads up IMR's European projects in analytics.

Carlos Garcia IMR
Principal Investigator & Technology Leader in Advanced Analytics and Optimization
Carlos is a Principal Investigator with professional experience of 17 years as a Project Director and Researcher, working for private research centres and companies across different industries. Since joining IMR in 2014 he leads the design, development and introduction in the market of Greybox Scheduling Optimisation.

Paul Walsh, CIM
General Manager EMEA
CIM software uses data analytics to help operate large complex manufacturing sites to deliver economic and, more importantly environmental benefits. Paul is a Certified Energy Manager, has B.Tech (hons) in Manufacturing Technology, and an MBA from University of Limerick.

Frank Casey, Resourcekraft
VP Sales and Co-Founder
Frank has over 14 years' experience in Energy Data Management systems following a history of working for large ICT multinational corporations over 25 years to director level. ResourceKraft provide standard and bespoke cloud based services for energy monitoring, management, and power quality systems.

REGISTRATION

LIEN attendees should register via LIEN Link . Click here to register
A Microsoft Teams invitation link will be sent only to registered participants prior to the event.