

## LEAN UTILITIES WORKSHOP



The National Lean Water & Energy Skillnet is an industry-led training network for large water & energy users across Ireland. It has been established with the support of Skillnets Ltd, the Department of Education and Skills, the EPA and SEAI. The network is managed by Central Solutions Ltd on behalf of members and offers access to subsidised training programmes specially developed to meet member needs.

The 2016 Training Portfolio includes:-

- Lean Utilities Programme currently delivered by the University of Limerick
- The new ISO50001 Implementation Training Programme (to be launched in association with SEAI at ISO50001)
- European Water Stewardship Standard Training
- Supports for On-site Energy & Water Staff Training and Awareness days at member sites

Full details of these programmes and short courses will be available at the Stand (21). Information in relation to related initiatives such as SEAI's LIEN and the EPA's Large Water Users Community of Practice are also available at the stand.

[www.leanskillnet.com](http://www.leanskillnet.com)  
[www.central-solutions.com](http://www.central-solutions.com)

### WORKSHOP AGENDA

Time: 11.00am to 1.00pm

This workshop will provide participants with an introduction to the application of LEAN methodologies to Utility Management and successful site wide implementation approaches. LEAN approaches and tools offer a powerful and proven means to drive energy, water and resource efficiency initiatives, delivering cost savings in the short term while helping organisations achieve longer term sustainability targets and international standards.

Workshop Agenda

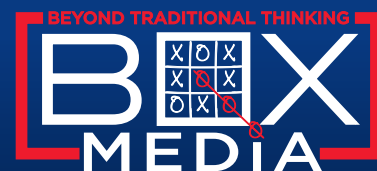
- Corporate Drivers & Challenges including EEOS
- Benefits of Addressing Utilities with Lean & Six Sigma
- Benefits of adopting a Site Wide Programme Approach
- Auditing, Monitoring and Verification of savings
- Case Studies
- Managing Data & Systems – Trends and Challenges
- What's in it for me? - Professional Development and Accredited Lean Programmes

Participants in this training workshop are free but limited and on a first come first served basis.  
 Attendees need to reserve in advance by emailing [ronan@boxmedia.ie](mailto:ronan@boxmedia.ie)

# ISO50001

Croke Park, 18th May 2016 IRELAND

TO RESERVE YOUR DELEGATE SEAT VISIT [WWW.ISO50001IRELAND.IE](http://WWW.ISO50001IRELAND.IE)  
 OR EMAIL [RONAN@BOXMEDIA.IE](mailto:RONAN@BOXMEDIA.IE) TO REQUEST YOUR DELEGATE PACK



616 Edenderry Business Campus,  
 Edenderry, Co.Offaly. Ireland  
 Tel: 046 977 3434  
[www.boxmedia.ie](http://www.boxmedia.ie)

#### EXHIBITORS INCLUDE



# ISO50001

## Croke Park, 18th May 2016 IRELAND

- IMPLEMENTING ISO50001
- GUIDANCE DOCUMENT TO SI 426
- MULTI-SITE IMPLEMENTATION
- ESOS AUDIT V ISO50001
- MONITORING & METERING

ISO50001 Ireland 2016 will bring together delegates who are considering the transition to this International standard, but yet to make the journey.

The theme/profile of this event is simply to create an exchange of information between organisations who are about to make the transition to ISO50001 and companies who have already made the transition. Our speakers have been carefully selected based on their experiences and knowledge of this standard and are keen to network with delegates in an effort to develop the standard further within Ireland.



SUPPORTED BY



[www.iso50001ireland.ie](http://www.iso50001ireland.ie)

ISO50001 Ireland 2016 is driven by the necessity for energy efficiency in Irish business and no other industry event has or will bring together such like minded individuals to openly discuss the challenges of energy efficiency within their facilities.

## SETTING WORLD CLASS STANDARDS IN ENERGY MANAGEMENT

#### EXHIBITORS INCLUDE





# GUEST SPEAKER TIME SCHEDULE



## 9.00am WELCOME & INTRODUCTION - RONAN McGLADE



### 9.10am CONOR MOLLOY - EMPI - Event Chairman

Conor Molloy, is an independent energy advisor with an MSc in Energy Management and Renewable energy from University of Ulster, he is a Certified Energy Manager (CEM), Measurement & Verification professional (CMVP) and trainer for ISO50001. Conor is a founding member of Energy Management Professionals Ireland (EMPI), and has been accepted as a member of the Association of Energy Engineers, CILT, FTAI, IMCA and EVO. In recent times, he has trained ESOS Lead Assessors in Transport Energy Auditing at the request of the UK Government's Environment Agency, led the publication of EN 16247-4 Europe's transport energy audit standard and contributed to ISO50004. Since 2005, Conor's day job has been helping business save fuel and manage their energy usage for profit and reduced emissions.



### 9.20am JOHN O'SULLIVAN - SEAI - Head of Development

Responsible for development in SEAI across a wide and disparate portfolio:

- New SEAI Programme development
- IT Infrastructure
- Energy Performance of Buildings Directive (EPBD)
- Quality Systems development
- Occupational Health & Safety (OHSAS 18001)
- Environmental Management (ISO 14001; BS 8901; LCA; Eco-design; Due Diligence)
- Energy Efficiency Obligation Scheme
- IT Business systems development
- Energy Management standards
- Organisational Development and performance
- Corporate Governance (SWIFT 3000)



### 9.45am KEVIN DONOVAN - Roadstone Limited - Energy Manager

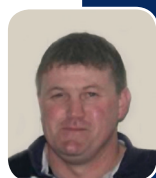
Kevin Donovan began working in the Quarrying Industry in 1999. Initially as Clogrennane Lime Environmental Manager, Kevin developed the Environmental Management System in accordance with the IPPC Licence at the facility. In 2004 Kevin became the Environmental Manager for Roadstone Ltd, implementing ISO 14001 in Locations throughout Ireland. In 2007 Kevin developed with the SEAI a strategy for implementation of I.S. 393 at Roadstone. Commencing with Implementation of I.S. 393 at One Location now Roadstone has accreditation to ISO 50001 at 21 Locations throughout the country and the Transport. The strategy is to continue the roll out of ISO 50001. Kevin also was part of the team that developed the I.S. 399 Energy Efficiency Design Standard. In 2011/2012 Roadstone were winners of the IBEC Process Award, in 2014 SEAI Awards, Roadstone were a finalist within the Collaboration and Ambition Award Categories.

### 10.10am BARRY O'DONOVAN - ABP Food Group - Environment & Sustainability Officer

Barry has worked with ABP Food Group for three years where he has been directly involved in all aspects of the company's environmental and sustainability objectives.

This work has helped the Group achieve significant reductions in energy consumption, carbon emissions, water usage and waste generation. As a result, Barry has dealt with:

- NSAI through accreditation of ISO 50001 at six sites
- Origin Green with accreditation through SGS
- Carbon Trust, with four separate standards
- Community of Practice in water management
- Federation House Commitment
- SEAI and the Large Industrial Energy network
- Green Business Ireland
- Enterprise Ireland
- National Biodiversity Data Centre Ireland
- European Water Partnership with accreditation through NSF



### 10.35am IAN BOYLAN - Association of Energy Engineers

Auditing for effectiveness - based on evidence not opinion - where do you start?

- Verification of savings & verification of the action plan.
- Should the non-meeting of an EnPI be a non - conformance or not?
- How do you establish the base line, and do I need to adjust the base line in response to business changes?
- Auditor competence and independence.

## 11.00am REFRESHMENT BREAK AND Q&A SESSION



### 11.40am PADRAIC O'CONNOR - John Sisk & Sons - Building Services Manager

Padraic, who has over 30 years' experience in the construction sector, is Head of the Building Services Department in Ireland for John Sisk and Son (Holdings) Ltd where he leads a team of over 40 Building Services Engineers and Managers in the design, integration, commissioning demonstration and handover on all their projects. John Sisk & Son (Holdings) Ltd has become one of the first Irish / UK construction contractors to be certified against the ISO 50001 energy management standard by implementing a simple and effective energy system across its diverse portfolio of projects and offices in Ireland and the UK. Drawing upon a collaborative approach across many of its business functions, and with leadership through a dedicated core group - its Energy Forum, Sisk determined its energy use and put in place a management system. The Energy Forum set the ambitious goal of implementing ISO 50001 - the energy management standard to help the company achieve its 'Zero Energy Waste' policy; with the ISO 50001 goal achieved in late 2015. Throughout this process the team have discovered that energy efficiency impacts all aspects of the business and that Energy Management in a construction company brings its own unique set of challenges because of the de-centralised nature of the construction business and because construction sites are temporary with energy consumption directly related to the stage of construction.



### 12.05pm JOHN RYAN - Certification Europe - Director of Services

As an expert and advisor in the area of energy/carbon management, John has delivered seminars, workshops and training courses internationally on sustainable energy management (ISO 50001); is co-author of energy management systems - an Implementation Guide & an Audit Guide and of "Energy Management, Practices and Principles" a MEUC and British Gas publication. With a background in science, John has been involved in arena of business risk management system design, implementation, maintenance and audit for the past 15 years. This has included the standards in the following areas:

- Energy Management (IS 393; EN 16001, ISO 50001)
- Environmental Management (ISO 14001; BS 8901; LCA; Eco-design; Due Diligence)
- Occupational Health & Safety (OHSAS 18001)
- Corporate Governance (SWIFT 3000)



### 12.25pm DAVID McAULEY - Host in Ireland - Advisory Council Member

Previously a programme manager with SEAI for almost a decade with a variety of roles such as EU Energy R&D representative, Large Industry Energy Network manager, & national energy efficiency and renewable policy expert. David is now an advisory council member with Host in Ireland, an industry-led initiative formed to promote Ireland as a prime digital asset hosting location. The Advisory Council evaluates the performance of the initiative. It's members review, monitor and assess progress, serve as advocate for partners, gather input from/serve as a liaison with relevant constituencies, provide feedback from the community, provide technical expertise, provide an independent/unbiased sounding board, and assist in determining important activities.

During his tenure with SEAI David contributed to many of the formulations towards developing the ISO50001 standard and his presentation will discuss energy efficiency within Data Centres and the adoption of the international standard within these facilities.

## 12.50pm LUNCH AND Q&A SESSION



### 2.00pm NOEL MATTHEWS & MAJELLA LAMBE

#### NOEL MATTHEWS - Matthews Coaches - Development Director

Noel Matthews joined the family business in 1997 as the need arose for a Fleet Manager. With a background in maintenance Noel then undertook a CPC in International Road Passenger Transport and a CPC in International Road Haulage. Noel has helped manage the company to a steady growth of 12% per annum. The industry average is 6%. In 2008 Noel attended a seminar on the benefits of energy management in the transport industry. Since then Noel has introduced major changes across Matthews Coach Hire resulting in massive savings for the company.



#### MAJELLA LAMBE - Matthews Coaches - HR Manager

Majella Lambe has worked as HR Manager with Matthews Coach Hire since 2010. A large part of her role has focused on energy management as employees have the largest impact on energy use at Matthews Coach Hire. During this time Majella has helped Matthews Coach Hire achieve ISO9001 and ISO50001 accreditation, secure a contract at the London Olympics and has helped the company achieve two SEAI Energy Awards.



### 2.25pm JIM LEAHY - Abbvie (Ballytinvnan) - EHS Champion

Jim launched his career with Sisk as a Site Engineer, later moving to Telectron Telecom, a fully integrated design and manufacturing company as a Production Engineer. He was then recruited by Storage Technology Computers, a Tape and Disc drive computer manufacturer as a manufacturing Engineer. He subsequently worked for AT&T as a Senior Engineer specialising in product transfer, new product introduction and process automation before being quickly promoted to Engineering Manager.

Abbott, 1992-2001: Recruited by Abbott as Engineering Manager in 1992, he was an integral part of the senior management team that transitioned the medical device company from manual assembly to full automation. This activity coincided with a major investment in the facility and its utilities.



### 2.50pm DAVID McCORMACK - Irish Manufacturing Research - Researcher in Residence

David has over 10 years' experience working as a mechanical/electrical engineer. David has worked across a number of industries including ICT, Pharma and Financial services with roles in maintenance, utilities, facilities and energy. David has a BSC in Electrical Services & Energy Management, and a BSC in Manufacturing Engineering. David has experience in ISO 50001 and has successfully implemented and maintained certification in previous roles and has recently completed the certified measurement and verification protocol (CMVP) training. David is currently studying a MSC in Technology Management.



## 3.10pm REFRESHMENT BREAK AND Q&A SESSION

### 3.40pm DR. SEAN MOORE - University of Limerick - Lean Utilities Lecturer

Sean is a senior lecturer in Lean and Six Sigma Systems in the University of Limerick with over twenty seven years' experience in Aerospace (12), Medical device (14), and Electronics industries. Sean has held various roles in continuous improvement, operations, engineering, manufacturing, R&D, metallurgical evaluation; chemical & heat treat processing, including interaction with the regulatory authorities. Sean's primary role in the medical device industry was in the development, teaching and applying Lean & Six Sigma concepts in the industry. As part of this role he developed the Abbott Vascular Divisional Six Sigma program and delivered over 100 waves of training in Europe, US and Central America.



### 4.00pm ROBERT RYAN & ALAN FREEMAN

#### ROBERT RYAN - eBay Inc. - Regional Facilities Operations Manager

Responsible for Site Facilities Operations in Ireland, Israel, Turkey and Russia supporting excess of 1,000 plus employees and contractors across 5 separate key sites across the EMEA Region.

Key responsibilities include Energy Management tracking and using ISO 50001 Energy Management principles and standards to drive best practice within ebay. Working in key partnership with Energy Providers and Energy Management companies to track performance and identify SEU (Significant Energy Users) and drive efficiencies. Reporting key metrics to government energy agencies e.g. SEAI.

Supporting talent new hires and retention by developing key programmes to support employee services including Catering, Gym and Mobility Programmes that are best in class



#### ALAN FREEMAN - Veolia - Energy Engineer

Alan Freeman is an ambitious and highly-motivated Energy Manager with Veolia. He holds an MSc in Energy Management from Dublin Institute of Technology and completed a dissertation titled 'Reducing Energy Consumption, Increasing Energy Efficiency through the Adoption of ISO 50001, Resulting in Industrial Cost Savings' in 2012. Alan currently operates within the Veolia Energy Engineering Team and specialises in the implementation of energy management systems which conform to all clauses set out within ISO 50001 Energy Management Standard. He has implemented energy management systems across various industries such as pharmaceutical, food and beverage, commercial and healthcare.

## 4.25pm Q&A SESSION AND EVENT CLOSE