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www.iso5000lireland.ie

ISO 50001: is the International Standard for Energy Management, which was released in June 2011 and replaces the British and European Standard BS EN 16001:2009.

This new Standard provides the most robust framework for optimising energy efficiency in public and private sector organisations.

Certification to this standard defines an organisations commitment to continual improvement in energy management. Implementation will enable an organisation to lead by example within their respective industries and ensure related legislative and regulatory requirements are met.

SETTING WORLD CLASS STANDARDS IN EN **SUPPORTED BY**

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EXHIBITORS INCLUDE





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LIMITED EXHIBITION SPACE AVAILABLE Delegate Price: €295 (+VAT)





































8.15am **REGISTRATION STARTS**



9.15am **EAMON RYAN** Minister for Communications, Energy & Natural Resources (2007 - 2011)

The Big Picture

The European Energy Economy

» European Energy Management Strategies

Long-term Energy Future

European Energy Policy



9.45pm **CIARAN O'MALLEY** Certification Europe

Development of the standard ISO 50001

Global Outlook for ISO 50001: Certifications in Ireland V's rest of the world

Why should organisations adopt the standard

How to implement an ISO 50001 Energy Management System

How ISO 50001 certification increases energy performance



10.20am PHILIP LEE Philip Lee Solicitors

Legal aspects to ISO50001, contracts, etc

The Policy and Legal Drivers requiring Energy Reduction

The Energy Services Directive

» The National Energy Efficiency Plan

» The Energy Performance of Building Directives

» The New Government Framework to drive Energy Performance Contracting

The Opportunities afforded by the New Energy Efficiency Fund announced by Minister Rabbitte

» The support structures offered to facilitate Energy Performance Contracting by SEAI

The Procurement and Contractual Structures now produced as templates to facilitate market developments

10.50am QUESTIONS & ANSWERS SESSION

11.00am COFFEE BREAK



11.30am ED COLLINS GlaxoSmithKline

Achieving the Standard; Challenges & benefits.

» ISO 50001 is an on-going journey and not a destination

» Benefits of ISO 50001 certification

Improved Energy Management through the use of Dashboards

» Using SEU Audits to identify opportunities

» Challenges of implementing ISO 50001

Support from Senior Management

» Resources and time required for successful implementation

Performance Management and successful implementation of Standard

» Key factors for ensuring that certification is maintained



12.00pm DR. DOMINIC O'SULLIVAN University College Cork

Monitoring and Metering

Why Monitor and Meter?

ISO 50001 Requirements

The Common Mistakes

» A Suggested Approach

» What do you want to know

Work with what you have (initially)

» Keep it simple



12.30pm DAVID GASCON Vayu Energy

Procurement

» Overview Gas Market

What will drive future energy prices

Procurement; Short to Medium Term

Hedging Options; Long Term Opportunities.

12.55pm QUESTIONS & ANSWERS SESSION

1.10pm LUNCH/DINNER BREAK



2.15pm **JOHN O'SULLIVAN** Sustainable Energy Authority of Ireland

Assistance & Support

Overview and impacts of SEAI Programmes centred on energy management & ISO50001

» Summary of the SEAI business programme supports

Highlighting some successes and opportunity with high replication potential

Our contribution to the development of new energy standards

Programme development and next steps



2.45pm **TONY POWER** Bausch & Lomb

Achieving the Standard

The Audit Process

The Challenge of Implementation

Allocation of resources

The benefits and results

3.15pm COFFEE BREAK



3.40pm PAUL BOYLAN Citi

Outline Citi's approach to sustainability

Citi's New Energy initiative on CHP/DHS

Metering and the importance of monitoring results

ISO9001, ISO14001

Citi's journey to ISO50001



4.10pm IAN BOYLAN Target Energy

Auditing & Verification

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.



4.40pm CHAIRMAN THANK YOU & CLOSE

CONOR MOLLOY Event Chair EMPI

EMPI is a professional body for the energy management services sector operating in Ireland. With continued growth in demand for energy management and energy savings, the mission of EMPI is to play a leading role in facilitating and supporting the work of a national network of energy professionals.

EMPI is a professional body; it aims to foster world-class energy management services in the interests of customers, EMPI members, the environment, and protect the independence and integrity of the profession.

BREAKOUT SESSIONS: CERTIFICATION EUROPE

Apply now for your chance to speak to an energy systems expert at the ISO 50001 Ireland event.

We are delighted to announce that we have confirmed two ISO 50001 experts, who will be available for FREE one-to-one discussions and energy management guidance, at our inaugural event held at the Aviva stadium on the 24th of April. John Ryan and Dermot Gibbons, both from Certification Europe, are renowned international energy management experts. Certifying organisations to ISO 50001 globally, providing specialist training around the standard, and guest lecturing across the world. Both boast unique insights into energy management and ISO 50001.

John Ryan, a founding member of Certification Europe, and he was the first accredited ISO 50001 auditor in the UK and Ireland. John has written and authored numerous papers and publications in the energy management field including "EN 16001 Implementation and Internal Audit Guides", as published by the SEAI. John was also the author of the British Gas sponsored book "Energy Management, Practise and Principles, MEUC, 2012".

In total John boasts over 15 years' experience in the field of ISO certification. In addition to his work within the energy management arena John is also the Director of the Independent Small to Medium Enterprise Association (ISME) so he understands a business's needs to manager their costs.

John will be joined by his college Dermot Gibbons. Dermot is a lead ISO 50001 certification auditor with Certification Europe. He holds over ten years' experience on large businesses projects. Dermot holds a BSc in Quality management and an MSc in renewable energy management systems technology. He has overseen large energy management projects that have delivered a 50% energy reduction to its clients. As an external assessor Dermot has certified numerous businesses and organisations to ISO 50001 throughout the UK, Ireland and the Middle East.

They will be available on a strictly limited basis of eight one-on-one sessions to go through your energy management system architecture. Discuss the areas which may cause trouble during an audit which may prevent you achieving ISO 50001 Certification. These sessions are provided to delegates for free but you will need to book to avoid disappointment.

To reserve your breakout session just email ronan@iso50001ireland.ie



