



Chartered Institution of Building Services Engineers
(Ireland) Conference - 2012



Engineering Opportunities — An Integrated Approach

6th March 2012 – Hogan Suite, Croke Park Conference Centre, Dublin



Speaker Biographies

Edward Quigg, Quigg Golden

Edward is a partner at Quigg Golden and has gained his initial experience working for a civil and structural engineering consultancy and a major contractor. Edward's extensive knowledge of both the design and construction processes is added to by his wide experience in all methods of construction dispute resolution. Recently Edward has become known as a leading expert on the legal obligations of procuring work, including the EU requirements. Edward is a guest lecturer at Queens University, Belfast, an observer at UNCITRAL Working Group II on International Commercial Arbitration and the Treasurer of the Adjudication Society



Pat McGrath, Project Management Group

Pat McGrath is Deputy Chairman of International Development of the Ireland-headquartered PM Group, which employs over 1,600 personnel in Ireland, UK, Belgium, Poland, Czech Republic, Slovakia, Russia, Turkey, Singapore, India, China, Saudi Arabia and the USA. Pat holds Bachelor and Masters Degrees in Engineering from University College Dublin and an MBA from the Open University. He is a Fellow of the Institution of Engineers of Ireland and a member of the Irish Academy of Engineering. He is a member of the Board of the Irish Management Institute and he is a former member of the Governing Body of Cork Institute of Technology. Pat is also non-Executive Chairperson of the Health Information and Quality Authority in Ireland (HIQA). HIQA was established in 2007 as part of Ireland's Health Reform Programme.



Dr. Robert Cohen, Camco

Robert is Technical Director at Camco and his focus is measuring, communicating and understanding the in-use energy performance of non-domestic buildings. He helped develop the methodology for DEC's on behalf of the UK government and uses DEC's to help clients prioritise energy saving programmes. Robert is a member of the Buildings Working Group of the UK government's Green Construction Board and a Building Performance Evaluator for the Technology Strategy Board. He is a member of the UK government's Technical Steering and Conventions Groups for DEC's and CIBSE's Steering Group on building energy benchmarks (TM46). During 2009, Robert oversaw the C80 refurbishment of his own home





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Sean Clancy, UCD Buildings Office

Sean has been Commissioning Manager with the Buildings Office in UCD since 2012. Having previously worked in the aircraft MRO industry, Sean graduated from UCD with a Masters in Engineering. UCD is currently midway through a 300m euro capital development programme, refurbishing existing building stock and constructing state of the art research facilities.



Greg Traynor, JN & G Traynor & Partners

Greg Traynor, BE, CEng, FIEI, FCIBSE, AMASHRAE, is a Chartered Engineer and Senior Partner with the firm of J.N. & G. Traynor and Partners, Chartered Building Services Consulting Engineers. He graduated with an Honours degree in Mechanical Engineering from University College Dublin and subsequently from South Bank Polytechnic (now University of the South Bank, London). He is a Fellow of the Institution of Engineers Ireland, a Fellow of the Institution of Building Services Engineers - and a recipient of their Bronze Medal - and is also a Life Member of ASHRAE..



Maurice Falvey, Passive House Academy

Maurice is a Mechanical Engineer with over 25 years experience in technical & challenging roles, in high value engineering projects worldwide. Design experience ranges from Trident missile launching systems, emergency shutdown equipment for both topside and off shore subsea oil/gas, instrumentation and control, process filtration and pressure vessel design. Over last 6 years his focus has been on emerging renewable energy technologies and integration into low energy and passive house designed buildings. Coupled with energy evaluation and control required for these buildings. With this unique skill set, it has allowed Maurice to take a fresh approach to Building Services design, with completed Passive House buildings and commercial projects utilizing low energy concepts.





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Richard Shannon, Mott McDonald

Richard has over 30 years experience as a practising consulting engineer specialising in low energy buildings and infrastructure. Over the last few years he has been increasingly focused on the performance of the built environment in use, in terms of life cycle cost, carbon emissions, reduction of waste, and achievement in meeting the desired outcomes. This in turn has led to a key involvement with the adoption and implementation of BIM across the Mott MacDonald Group on a global basis. His focus is on culture change required to achieve the benefits of collaborative working, practical steps to BIM implementation, and information management that builds towards more intelligent, data rich operation and maintenance of assets and facilities of all kinds



Paddy Craven, Craven Lighting

Paddy is the Principal at Craven Lighting with 37 years experience in exterior lighting and has recently taken early retirement from Dublin City Council where he has worked since 1973 and has been Senior Engineer in charge of all Public Lighting Services in the city since 2002.

Paddy Craven is a graduate in Engineering from UCD and is a Fellow of the Institution of Lighting Engineers which is the largest professional lighting Institution in the UK and Ireland and he was elected as the first Irish President of the Institution in 2007.



Keith Mellon, Ethos Engineering

Keith is a Mechanical Project Engineer with Ethos Engineering involved in projects in Ireland and the UK. He is graduated with an Honours Degree in Building Services Engineering from DIT and has also recently completed his MSc in Energy Management. He is a member of the CIBSE Ireland committee and is CIBSE Ireland representative on the CITA BIM Working Group.

Keith is also a member of the Ethos Engineering BIM Group involved in developing company BIM standards and has carried out BIM design on a number of projects including St. Joseph's Day Hospital, Google Monte Vetro and Mansfield House in London. He was also involved, with Ethos Engineering, in the CITA/RIAI BIM workshop carried out with the Department of Education & Skills.





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Philip Lee, Philip Lee Solicitors

Philip is the Managing Partner at Philip Lee Solicitors. As an expert in European and Irish Competition law, Philip Lee has utilised his specialist knowledge to focus and advise on competition law as it applies to deregulated and liberalised sectors of industry such as telecommunications, transport and energy. Philip Lee Solicitors advises a wide range of both public and private sector clients in the waste, water, construction, energy, marine and environmental sector. With a background in energy law and telecommunications regulation from his eight years as a legal advisor to Shell International and as a consultant to multinational enterprises on the application of European and international law, Philip is ideally positioned to advise clients in sectoral-specific regulatory matters. Philip is the author of "Public Procurement Law" the first book analysing and explaining the procurement directives, published by Butterworths .



Dr. Kevin Kelly, DIT Kevin Street

Dr Kevin Kelly is Head of the Department of Electrical Services Engineering at the DIT. He is a former Head of Learning Development, a Chartered Engineer, Fellow and former chairman of the Chartered Institute of Building Services Engineers (CIBSE), chartered member of Engineers Ireland and Fellow of the Society of Light & Lighting (SLL). He is a council member and the Republic of Ireland representative to SLL. Dr. Kelly is Technical Advisor to the Register of Electrical Contractors of Ireland (RECI). The Commission for Energy Regulation (CER) appointed RECI as a Safety Supervisory Body to oversee and administer the area of Verification and Certification of Electrical Installations in Ireland, on its behalf on the 5th January 2009.



Jim Gannon, RPS

Jim Gannon is an Associate with RPS Group leading the sustainable energy business in their Dublin office. A Chartered Engineer, his brief spans energy policy, infrastructure development, and due diligence for clients across Ireland and the UK. He has performed renewable energy and built environment funding application review and advisory for a range of clients and schemes across Ireland, Northern Ireland and the UK including the House of Tomorrow programme and Better Energy Workplaces programme, among others. He Chairs the Energy and Environment Division of Engineers Ireland and serves as an External Examiner to the MSc in Renewable Energy Systems at DKIT.





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Dr. Alan Hore, DIT & Construction IT Alliance

Alan joined DIT as a Quantity Surveying lecturer in October 1995 having practiced as a Chartered Quantity Surveyor in the UK for in excess of 10 years for both contracting and professional practices. Alan has over 20 years experience in lecturing on both undergraduate and postgraduate level programmes. He has a particular interest in the application and use Information Technology in the construction industry and was one of the founding Directors of the Construction IT Alliance (CITA) in Ireland in 2001.

