

## 13th ATU International Construction Management Conference

**ATU's 13th International Construction Management Conference will be taking place on Thursday, 8 February 2024, and is currently the largest single construction event in the west and northwest of Ireland.**

View or download the Conference programme [here](#).

Register your attendance [here](#).

### MEET THE SPEAKERS

#### **Future Cast - Mark Mc Gowan**

Presentation title: 3D Construction Printing Overview

Role: 3D Technology Specialist

Bio: Mark has over 23 years' experience as a cabinet maker in the Wood Technology sector and has extensive knowledge of Computerized Numerical Control (CNC) manufacturing processes in Subtractive and Additive manufacturing, specializing in the Additive 3D printing and digital capture areas. Mark returned to education and spent 5 years in total Between Southwest College, Enniskillen and the ATU, Sligo. Mark has been involved in the 3D technology world since 1999 and 3D printing since 2013. Mark is now working on 3D concrete printing research and development within Future Cast.



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### **CIOB – Joseph Kilroy**

Presentation title: Modern Methods of Construction: Barriers to Upscaling

Role: Policy and Public Affairs Manager – Ireland, Scotland and Wales

Bio: Joseph Kilroy leads the Chartered Institute of Building's (CIOB) Policy and Public Affairs work in Ireland. Joseph's work at the CIOB focuses on sustainability, housing, planning, and mental health in the construction sector. Prior to joining the CIOB Joseph held advisory roles in the Department of Housing, Local Government and Heritage, the Office of the Planning Regulator and the Royal Town Planning Institute. He has published policy papers on governance, planning reform, housing delivery, job quality in the construction sector, Ireland's rental sector, and local authority led housing delivery.



### **Construct Innovate – Magdalena Hajdukiewicz**

Presentation title: Construct Innovate, Ireland's national Research Centre for Construction Technology and Innovation

Role: Dr Magdalena Hajdukiewicz, Director of Construct Innovate, Lecturer in Mechanical Engineering, University of Galway

Bio: Dr Magdalena Hajdukiewicz is a chartered engineer and lecturer in Mechanical (Energy Systems) Engineering at University of Galway. Magdalena's key research and educational interests lie in the areas of sustainability of the built environment, building performance modelling and monitoring, computational fluid dynamics simulation, smart and sustainable construction.

Magdalena is director of Construct Innovate

([www.constructinnovate.ie](http://www.constructinnovate.ie)), Ireland's national research centre for construction technology and innovation. Construct Innovate leverages the capabilities, facilities and expertise available across seven partner institutions, i.e. University of Galway, Trinity College Dublin (TCD), University College Dublin (UCD), University College Cork (UCC), Technological University (TU) Dublin, South East Technological University (SETU) and the Irish Green Building Council (IGBC), as well as providing access to a broader network of European universities and research clusters. The Centre aims to provide industry-led, independent, evidence-based research, and acts as a conduit for communication between academia, industry and policy makers.



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### **LCi - Richard Fitzpatrick**

Presentation title: The Case for Lean Transformation

Role: Director for Programme Management & Project Controls (with the NPHDB). I'm also Chair of Lean Construction Ireland

Bio: Richard is Director for Programme Management and Project Controls with the National Paediatric Hospital Development Board (NPHDB) and a member of the NPHDB Executive with responsibility for delivering the New Children's Hospital. He has over 30 years' programme and project management experience having been responsible for managing the delivery of major capital infrastructure programmes both in the UK and Ireland. Prior to joining the NPHDB Richard held a senior position with Dublin City Council, was Project Director for the University of Ulster's new campus in Belfast and Managing Partner for a professional services consultancy practice in Ireland. Richard is a Chartered Electrical Engineer and a Member of the Institution of Engineering and Technology (IET). He is also a Member of the Association for Project Management (APM) and holds APMP accreditation. Richard is Chair of Lean Construction Ireland (LCi), a community of learning and practice that advocates for the transformation of the Irish construction sector through collaboration and the adoption of Lean thinking and practices by the entire sector.



### **Jennings O'Donovan & Partners - Sarah Jones**

Presentation title: Firlough Wind Farm and Hydrogen Project

Bio: Sarah Jones., M.Sc., B.Sc. is an Environmental Scientist and Planner and holds a first-class MSc in Environmental Sustainability from University College Dublin and a Bachelor (Hons.) Degree in Geography from Manchester Metropolitan University. Sarah is currently studying for a Higher Diploma in Planning and Environmental Law from Kings Inn, Dublin. Sarah has recently developed a specialist knowledge of hydrogen production and her key capabilities include Environmental Impact Assessment (EIA) screenings, Appropriate Assessment (AA) screenings, Planning and Environmental reports and Applications, Environmental Impact Assessments, Feasibility Studies, Construction Environmental Management Plans, Stakeholder Engagement and Project Management.



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### **CIOB Ireland - Annette Main**

Presentation title: Official launch of CIOB Student Challenge

Role: Chairperson CIOB Ireland

Bio: With over 20 years of experience, Annette Main has a broad range of construction industry expertise. Starting out after graduating from CIT (now MTU) as a Site Engineer, progressing to Site Manager, Senior Scheduler and Project Manager, to her current role as a Project Controls Manager. Having worked in Ireland and the Middle East, Annette has gained extensive experience in People and Stakeholder Management and is able to draw on this knowledge and experience to the benefit of the projects she works on. Currently the CIOB Chair for the Republic of Ireland, Annette has been actively involved with the CIOB throughout her career and is always willing to give advice to graduates and hopes to encourage more women into the industry.



### **SCSI - Edward McAuley**

Presentation title: The real cost of construction

Role: Edward Mc Auley is SCSI director of practice & policy and is also a member of the SCSI with qualifications in Valuation Surveying.

Bio: Having worked in the private sector for many years as a surveyor, Edward joined the SCSI executive team in 2012 and now oversees the organisations policy and standards development. He has extensive experience in the area of research within the property, land and construction sectors and is co-author of the recent SCSI report on the Real Cost of New Housing Delivery. This is the third in a series of cost reports tracking affordability and viability challenges within residential development. The report, which was extensively reported in local and national media in December, was instrumental in providing advice to government, government departments, and TD's on the viability and affordability issues that persist and more importantly, what policy changes could be considered to improve the delivery of affordable housing. Edward also represents SCSI on matters relating to housing and climate at an EU level, as he currently holds the position as Policy chair of an EU based property advocacy group called CEPI.



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### **Beldare Homes - Barry White**

Presentation title: Housing in Sligo – Challenges and Opportunities

Role: Planning & Pre-construction Manager

Bio: Following graduating in Spatial Planning and Environmental Management, Barry worked in London for six years. He spent three years with Adams Environmental overseeing large scale asbestos remediation works on sites including Battersea Power Station and the BBC in White City. Following this he worked with Skanska on London's newest rail line, Crossrail, and was the UK Environmental Manager for the company's piling division. Upon returning to Ireland, he worked with Jennings O'Donovan Consulting Engineers on a number of water, wastewater, commercial and windfarm projects, most notably Ireland's next offshore windfarm Arklow Bank Wind Park 2. Barry now is a key member of the O'Connor Group and Beldare Homes, a leading Multidisciplinary Real Estate Group. Barry leads the Planning & Pre-construction team along with day to day tasks including staff recruitment, data analysis and company development.



### **AECOM - John O'Regan**

Presentation title: AECOM Annual Review

Role: Director AECOM

Bio: John is Country Lead for the Republic of Ireland and regional leader for all of AECOM's disciplines associated with buildings and places. He leads a team of over 100 consultants, delivering projects nationally from teams in Dublin, Galway, Limerick and Cork. As a chartered quantity surveyor and project manager, his experience ranges from commercial buildings for FDI clients to large scale public sector and public private partnership projects. John is currently playing a leading role in the delivery of several large scale social and affordable housing schemes. His specialist skills include establishing the appropriate conditions for project success and early-stage strategic cost and procurement advice.



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**Wills Bros Ltd - Damien Ryan**

Role: Project Manager, Wills Bros Ltd

Bio: Degree qualified in Construction Management & Engineering, with 15+ years' experience in the Civil And Construction Industry both in Ireland and Australia. Worked on various projects including Bulk & Detailed Earthworks, Retaining Walls, Reinforced Concrete Structures, Underground Service & Utility Installation, Road Construction, Bridge Construction, Landfill Remediation, Public and Local Authority works, Residential and Commercial Construction.



**Wills Bros Limited - Joesph Seery**

Role: Environmental Engineer, Wills Bros Limited

Bio: Joseph commenced work with Wills Bros Ltd in October 2020 as a Civil and Environmental Engineer. He holds a BEng (Hons) in Civil Engineering from TUS and a MSc in Water, Waste and Environmental Engineering from UCD and is a member of Engineers Ireland. He has been working on the Kerdiffstown Landfill Remediation Project over the past 3 years and also, overseeing the environmental requirements on various projects including roads, pharmaceuticals and datacentres. Joseph is passionate about the sustainability space within the company and chairs a monthly internal sustainability committee. The Kerdiffstown Landfill Remediation Project won the Best Civil Engineering Project at ICE Awards in April 2023. Joseph lead the submission and was part of the interview panel.



**CIAT - Karl O'Reilly**

Presentation title: BCAR Assigned Certifier Role

Bio: Karl, a Chartered Architectural Technologist and Chartered Building Engineer has almost 20 years experience in diverse roles within the construction industry, including working as an Architectural Technologist and most recently with the Assigned Certifier Team at ORS. His expertise spans residential, commercial, educational, and pharmaceutical projects, ensuring compliance with building control regulations. Karl is currently engaged in managing large-scale projects for ORS, including large mixed use residential developments, hotels, offices, and regional distribution centers.



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