

# Towards a Net Zero Carbon future

ARE WE ON TRACK?

*SPEAKER PROFILES*



POOLE  
DICK

THURSDAY 11 NOVEMBER 2021

THE ELLIOT SUITE  
GREATER MANCHESTER CHAMBER OF COMMERCE

**Dr Annie Marston**  
*Associate Director of Building  
Performance Engineering, Hydrock*

Annie is a Building Physicist at Hydrock and a passionate advocate of climate-positive engineering. Determined to help clients and the wider industry meet challenging net zero and carbon neutral goals, she has a particular focus on making both new and existing buildings smarter, more energy efficient and comfortable to occupy.



With climate emergencies being declared and the UN Climate Change Conference being held on our doorstep in Glasgow, our impact on the environment is at the forefront of many people's minds. Annie has over 15 years' international experience in building physics, and is a passionate believer in the power of simulation to reduce energy usage in buildings.

**Alex Edwards**  
*Head of Infrastructure & Energy,  
Bruntwood*

Alex has worked for Bruntwood for over 15 years, initially joining as a Graduate Building Surveyor and working in various roles across the business. In 2016, Alex completed a masters degree in Building Services Engineering at Brunel University, graduating with a distinction.



Alex's current role of Head of Infrastructure & Energy across the Bruntwood Group involves driving the strategic strategy for Net Zero and with a large portfolio of existing buildings, retrofit is an important step in Bruntwood's Net Zero Strategy.

**Dr Haniyeh Mohammadpourkarbasi**  
*Lecturer in Low Carbon Architecture,  
University of Liverpool*

Haniyeh is a certified Passivhaus designer/consultant, and her primary research interests include thermal simulation modelling, post-occupancy evaluation and life cycle assessment to develop energy-efficient, cost-effective, sustainable buildings. Her Life Cycle Costing (LCC) LCC research has won several awards, including the North West Regional Construction Innovation Awards 2016, and was "Highly Commended" in the Innovation category at 2016's National Constructing Excellence Awards. Her current research explores the EnerPHit standard challenges in different climate regions worldwide (Turkey, China, Saudi Arabia and the UK). Haniyeh is also investigating the thermal performance of 'tropical modernist' structures in collaboration with the University of Ghana in Accra, Ghana and Kwame Nkrumah University of Science and Technology (KNUST) in Kumasi, Ghana, to present a case for low energy, passive cooling structures in Ghana.



**Judy Noah**  
*Director of Development,  
One Manchester*

Judy, Development Director at One Manchester, has been a leading figure in One Manchester's Growth Team for 5 years. She has been in the sector for 25 years, and has a long-standing track record in sustainable building and living.



Judy has led One Manchester's journey to low carbon housing, starting from organisational buy in, cross-departmental collaboration and planning, to tackling retrofit, planning low carbon development for the future and achieving their first net zero carbon newbuild affordable housing scheme. As she championed the use of these techniques in One Manchester, Judy can also discuss the challenges of retrofit drawn from leading One Manchester's BEIS funded Social Housing Decarbonisation Fund Demonstrator Project in the City.

**Paul Newman**  
*Regional Director & Head of Sustainability,  
Poole Dick*

A regional director, Paul is a Project Manager and Chartered Quantity Surveyor. He heads up the sustainability sector's development at Poole Dick, with particular interest in Modern Methods of Construction (MMC), Whole Life Costing (WLC), District Heating Networks (DHN) and Net Zero Carbon (NZC).



Paul is a member of the Staffordshire Chamber of Commerce's Sustainability Forum. He has been responsible for the award-winning 'Red Brick: Green House' and 'Eco-Terraces' projects, remodelling and improving pre-1919 terrace housing into sustainable, contemporary dwellings.

**Stewart Grant**  
*Host & Consultant,  
Poole Dick*

Stewart has been a consultant with Poole Dick since 2016, helping the team achieve their growth aspirations with business planning and business development support. Poole Dick was the first QS that Stewart worked with, back in... (well a long time ago!)



As a highly respected architect with over 35 years' experience, Stewart now splits his time between business consultancy, education, pro bono and charitable interests. He is currently a member of the GM Chamber Property & Construction Group, the outgoing Chair of the Manchester branch of FBE (Forum for the Built Environment), Chair of Norfox - a charitable trust to support children in need in the NW - and a professional examiner and marker for the Bartlett School of Architecture at UCL.



*A construction management consultancy delivering specialist Building Consultancy, Project and Cost Management, Employer's Agent, Project Monitoring and CDM Principal Designer services.*



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