



Net Zero Carbon Building Resilience

Thursday 23rd June 2022

De Montfort University

Our sponsors



A close-up photograph of several green leaves covered in numerous small, clear water droplets. The leaves have serrated edges and prominent veins. The background is a soft, out-of-focus greyish-green.

Opening
Jackie Lowe
President of SPACES

House Keeping



There is a no smoking policy throughout the building. Delegates who wish to smoke must therefore use one of the designated shelters.



Leave the building by the nearest available exit. Do not use the lifts. Proceed to your assembly point.



Ladies and Gents toilets are located throughout the building and there are accessible toilets on each floor.



If you require first aid, contact security



Please be considerate and turn your mobile to silent, or turn it off.



The building is fully accessible. Infrared hearing loop is available in all lecture theatres.

Our Common Objectives

“Where do local authorities go to share knowledge and network around all aspects of the built environment for public buildings, including Architecture, Engineering and Surveying?”

SPACES is the only association run by members, who all work within or for the Public Sector, therefore have a fundamentally understanding of the issues and challenges. SPACES organise networking events and forums to share the learning and knowledge with clarity and impartiality.

Our Key Events

- **National Study Day**
- **Yearbook capturing the best in public sector construction**
- **SPACES Awards**
- **Webinars**
- **A few more in person events.....**

Morning Session

- 9:00am** President's address, Jackie Lowe, SPACES President
- 9:05am** Welcome from De Montfort University, School of Engineering & Sustainable Development
- 9:10am** Key Note Podcast, Lord Rupert Redesdale Founder of the Energy Managers Association (EMA), Carbon Management Association (CMA) and Low Energy Company (LEC)
- 9:40am** Building and living in a passivhaus, John Thornberry, Sustainability Consultant, Pick Everard
- 10:20am** Zooming Out: Net zero and the need for systems thinking, Ron Lang Technical Director - DfMA, Atkins
- 11:00am** Refreshments and Networking
- 11:20am** Creating a low carbon skills economy, Marina Robertson, Norse Group

Afternoon Session

- 12:00pm** Identifying energy and carbon savings in flat roof refurbishment projects, Tom Raftery, Product manager – Solar PV / Environment Lead, Bauder Roofing
- 12:40pm** Lunch and Networking
- 13:30pm** Decarbonising heating and use of heat pumps, Dr Andrew Wright and Prof Raffaella Villa, DMU
- 14:10pm** MMC and achieving low carbon outcomes, Raynee De Zoysa, Strategic Growth Manager, Collida
- 14:50pm** Refreshments
- 3:00pm** Main stage – Roundtable: Road to Net Zero, Facilitated by Alex Gee, Norse Consulting (panel – Eric Roberts. IES; John Thornberry, Pick Everard; Marina Robertson, Norse Group; Raynee De Zoysa, Collida and Tom Raftery, Bauder Roofing
- 4:00pm** President's Closing Remarks, Jackie Lowe, SPACES President



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Key Note Podcast

Lord Rupert Redesdale

Founder of the EMA, CMA and LEC

talks to

Alex Gee

Operations Director, Norse Consulting



Keynote Podcast

Lord Rupert Redesdale
Founder of the EMA, CMA & LEC
talks to
Alex Gee
Operations Director,
Norse Consulting



Roundtable: Road to Net Zero

Facilitated by Alex Gee, Norse Consulting

Panel

- **Dr Eric Roberts, IES**
- **John Thornberry, Pick Everard**
- **Marina Robertson, Norse Group**
- **Raynee De Zoysa, Collida and**
- **Tom Raftery, Bauder Roofing**



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A close-up photograph of several green leaves covered in numerous small, clear water droplets. The leaves have serrated edges and are set against a dark, blurred background. The overall scene is fresh and natural.

Closing Summary

Jackie Lowe
President of SPACES

Thank you to our presenters

- Alex Gee
- Dr Andrew Wright
- Eric Roberts
- John Thornberry
- Marina Robertson

- Prof Raffaella Villa
- Raynee De Zoysa
- Ron Lang
- Lord Rupert Redesdale
- Tom Raftery

Thank you to our sponsors

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EVERARD**

norse

CONSULTING



WILLMOTT DIXON

SINCE 1852

Thank you to our Exhibitors



Pre-Study Day Networking Evening





Thank you to our Hosts

School of Engineering & Sustainable Development,

and the

Events and Support Team

De Montfort University

A close-up photograph of several vibrant green leaves, likely from a plant like a geranium, covered in numerous clear, glistening water droplets. The leaves have serrated edges and prominent veins. The background is a soft, out-of-focus greyish-green.

Thank you

**To all that have helped make
this event a success**

Summer / Autumn Webinars

1:00pm, Wednesday 20th July - Schools and ventilation

Hershil Patel, Head of Energy, Department for Education and Henry Burrige, Senior Lecturer in Fluid Mechanics, Imperial College

2:00pm, Tuesday 27th September – CIPFA Roundtable

Facilitated by Alex Gee, Norse Consulting

2:00pm, Wednesday 12th October 2022 - The Construction Playbook: HMG response to improving built environment outcomes through smarter procurement

Richard Davidson, Director, Willmott Dixon

TBC- Edinburgh City's continuing journey to Zero Carbon

Patrick Brown, Head of Sustainable Construction Delivery, City of Edinburgh Council

TBC - Decarbonisation, net zero and funding sources

David Gilbey, Faithful+Gould

TBC - Radically reducing operational energy: Harris Academy Sutton

Christian Dimbleby, Associate & Chartered Engineer, Architype

A close-up photograph of several green leaves with serrated edges, covered in numerous small, clear water droplets. The background is a soft, out-of-focus greyish-green. A semi-transparent horizontal bar is overlaid across the middle of the image, containing the text.

Have a safe journey home