



# Healthcare Estates<sup>®</sup>

## Conference. Exhibition. Hybrid.



## HOSPITALS OF THE FUTURE

Monday 18 October

### DIGITAL CONFERENCE

09:00-09:30 **Welcome from Pete Sellars, Chief Executive Officer & Paul Fenton MBE, President, IHEEM**

09:30-10:00 Online Exhibition & Digital Networking

#### Keynote Address

**10:00-10:30 An Introduction to the New Hospital Programme's Commercial Philosophy**

*Emma-Jane Houghton, Commercial Director, New Hospital Programme*

**10:30-11:00 In Conversation with David Flory, CBE, Designate Chair, Lancashire and South Cumbria ICS, Interim Chair, Cheshire and Merseyside ICS**

*Chaired by Pete Sellars, IHEEM CEO*

#### Strategy

**11:05-11:45 Wolfson Economics Prize 2021**

*Robert Ede, Head of Health & Social Care/Prize Director, Policy Exchange*  
*Chaired by Jonathan Erskine, Executive Director, EUHPN*

#### Design & Construction

**11:05-11:45 Digital Challenges for the Healthcare Estate**

*Steve Batson, IHEEM ADBE Member, Graeme Hall, Executive Chairman, Brandon Medical. Chaired by Jonathan Stewart, National Chair, HEFMA*

#### System Governance

**11:05-11:45 Do We Know Which Hospital to Build and Why We're Doing it?**

*Stephen Wright, Independent Economic Consultant, Honorary Professor, University College London*

#### Sustainability

**11:05-11:45 Achieving Net Zero Carbon, Lessons Learnt from Trusts Leading the Way Using the Public Sector Decarbonisation Scheme**

*Terry Hull, Strategic Asset Services Director, GMS; Sarah Thomas, Deputy Chief Financial Officer, University Hospitals Birmingham NHSFT; Stephen Lowndes, Technical Director, Carbon & Energy Fund. Chaired by Andrew Chatten, Director of Estates & Facilities, Nottingham University Hospital*

11:45-12:15 Online Exhibition & Digital Networking

**12:15-12:55 Primary Care Estates Challenges**

*David Gratrix, Projects Director, Castle Gate Projects Ltd*

**13:00-13:40 Why System Wide Infrastructure Planning is Essential to Deliver an Efficient and Sustainable Health System**

*Nicola Theron, Director of Estates, North Central London, ICS; Ian Sabini, Managing Consultant, Gbpartnerships Consult. Chaired by Mark Williams, IHEEM Council Member*

**12:15-12:55 Maintaining Quality Through Design & Construction - Approach to Quality Monitoring and Assurance**

*Richard Beattie, Senior Engineer & Thomas Rodger Principal Engineering Manager, Health Facilities Scotland chaired by Simon Adamson, IHEEM Conference Committee Member*

**13:00-14:00 The Future of Healthcare Design**

*Jaime Bishop, Fleet Architects, Hannah Brewster, ADP, John Cooper, John Cooper Architects. Chaired by Alice Green*

**12:15-12:55 Defining an Improved Asset Management and Lifecycle Capability for the NHS**

*Keith Hamer - Managing Director Gloucestershire Managed Services Chaired by Phil Wade, IHEEM Conference Committee Member*

**13:00-13:40 The Revised HTM 03-01 Specialised Ventilation for Healthcare Premises & HBN 06 Imaging and HBN 11 Primary Care**

*Malcolm Thomas, Main Author HTM03-01, Malcolm Thomas Consultancy*

**12:15-12:55 Decarbonising the NHS**

*Sameen Khan, Salix Finance*

**13:00-13:40 The Roadmap to a Net Zero Hospital**

*David Evans, Schneider Electric*

13:40-14:00 Online Exhibition & Digital Networking

**14:00-14:40 'Our Homes Within A Park' - Proactive Delivery of the Health and Wellbeing Agenda in Partnership with Alder Hey Children's NHS Foundation Trust**

*Harinder Dhaliwal, CEO, Step Places and David Powell Development Director, Alder Hey Childrens NHSFT.*

**14:40-15:20 Redeveloping Land for Financial, Strategic and Environmental Gain**

*Mark Trumper, London Northwest University Healthcare NHS Trust Chaired by Duane Passman, IHEEM Conference Committee Member*

**15:20-16:00 Producing an Approvable NHS Business Case in a Dynamic Policy Environment**

*Helen Pickering, Senior Director & Martin Clark, Director of Healthcare Advisory Service, Currie & Brown. Chaired by Duane Passman, IHEEM Conference Committee Member*

**14:00-14:40 Principles of Design for Ergonomic Pendant Solutions for Minimally Invasive Surgery and Shorter Recovery Times in Intensive Care Units**

*Scott Pickering, Brandon Medical*

**14:40-15:20 Let's Not Forget Those Who Forget! What Individuals With Dementia Think of The Design of Their Living Environment?**

*Loukia Minetou, PhD Student; Dr Evangelia Chrysikou; Dr Niamh Murtagh, Bartlett School of Construction and Project Management UCL. Chaired by Mark Williams, IHEEM Council Member*

**15:20-16:00 Designing Mental Healthcare Settings to Prioritise Access to Outdoor Space: The Benefits for Wellbeing**

*Ruairi Reeves, Medical Architecture. Chaired by Simon Adamson, IHEEM Conference Committee Member*

**14:00-14:40 Fire Safety Management Competency**

*Andrew Foolkes, Tenos Ltd*

**14:40-15:20 How to Optimise a Hospital's Maintenance and Operations**

*Paul Armstrong, Schneider Electric*

**15:20-16:00 From Conception to Completion in 12 months - Modern Methods of Construction in Healthcare**

*Sarah Wallwork, Healthcare Planning Lead and Paul Webb, Project Principal, Mott MacDonald. Chaired by Phil Wade, IHEEM Conference Committee Member*

**14:00-14:40 Addressing the Challenge to Becoming Net Zero**

*Gail Scholes, Head of Public Sector and Housing, Zenergi*

**14:40-15:20 Meeting the NHS Net Zero 2040 Challenge**

*Paul Graham, Kingston Hospital NHS Trust; Julian Miller, Ameresco Ltd*

**15:20-16:00 The Greenest Health Building in the UK**

*Eugene Prinsloo; Jamie Andrews, Community Health Partnerships*

16:00-16:30 Online Exhibition & Digital Networking

**16:30-17:10 Future Healthcare Planning - Panel Discussion**

*Jonathan Erskin, Executive Director, EUHPN, Prof Grant Mills, Professor of Healthcare Infrastructure Delivery & Dr Anne Symons, Senior Research Fellow in Healthcare Design and Raed Ashour, Researcher, The Bartlett School of Sustainable Construction, Steve Batson, Studio Director, Stephen George Partnership, Stephen Wright, Independent Economic Consultant, Honorary Professor, University College London, Liesbeth van Heel, Researcher, Erasmus MC. Chaired by Pete Sellars, CEO, IHEEM*

**16:30-17:10 Delivering on The Potential of Modern Methods of Construction (MMC) Approaches For The Health Estate**

*Rob Ewen, K2 Consultancy. Chaired by Duane Passman, IHEEM Conference Committee Member*

**16:30-17:10 Technical Standards and Guidance Update Programme: Lesson Learned & Next Steps**

*Michael Rope, Head of Technical Guidance, NHS England & NHS Improvement Estates*

**16:30-17:10 Decarbonising Healthcare - Delivering NHS Net Zero Ambitions**

*Richard McWilliams, Turner & Townsend*



# INFRASTRUCTURE & FUTURE RESILIENCE

Tuesday 19 October

## DIGITAL CONFERENCE

## LIVE EXHIBITION

09:30-10:00 Exhibition/Platform Visit/Networking

### Keynote Address

**10:00-11:00 Preparing for and Dealing with the Unexpected.**

Scott Hislop, Programme Delivery, NHSX & David Fassam, National Investigator, Healthcare Safety Investigation Branch (HSIB).  
Chaired by Nigel Keery, IHEEM Council Member

### Operational Management

**11:05-11:45 How the Use of Platform-Based Approaches Help Deliver Net Zero Carbon Community Buildings at an Affordable Scale**  
Anastasia Chrysafi, Tim Carey, Willmot Dixon

### Infrastructure Resilience

**11:05-11:45 NHS Scotland Assure**  
Eddie McLaughlan, Assistant Director, Engineering, Environment and Decontamination, NHS National Services Scotland. Chaired by Alison Ryan, IHEEM Council Member

### COVID-19 Lessons Learnt

**11:05-11:45 The Emergency Department's Response to COVID-19: How Reactive Changes in Flow and Communications has Reshaped Our Vision for Future A&E Designs**  
Jon Huddy, Huddy Healthcare Solutions; Duncan Sissons, Sissons Consult Ltd. Chaired by Paul Fenton MBE, President, IHEEM

### Future Requirements

**11:05-11:55 Future Carbon Standards**  
Fiona Daly, National Sustainability and Workforce Lead, Estates and Facilities, NHSE&I, Rebecca Stubbs, Technical Advisor, Mott MacDonald, Paul Ruyssevelt, Professor of Energy and Building Performance at UCL Energy Institute, University College London chaired by Ian Hinitt, Chair of IHEEM Environmental Sustainability Technical Platform

11:45-12:15 Exhibition/Digital Platform Visit/Networking

**12:15-12:55 Finding the True Value in Your BMS**  
John Dorward, Honeywell – Trend

**12:15-12:55 Deliver Site Cost Savings & Improve Power Efficiency With One Power Monitoring System**  
Richard Govier, Socomec UK Ltd

**12:15-12:55 Healthcare Provision in a Pandemic**  
Karina Jones, Eta Projects. Chaired by Paul Fenton MBE, President, IHEEM

**12:15-12:55 Delivering New Hospitals Fit for an Uncertain Future**  
Martina Cardi, Bryden Wood

**13:00-13:40 Protecting IOT Communication of Emergency Lighting in Healthcare Premises**  
Alan Daniels, P4. Chaired by Mark Williams, Director, EDGE

**13:00-13:40 Principles of Insulating Monitoring Devices in Hospital Medical IT Systems**  
Matthew Mears, Bender UK. Chaired by Alison Ryan, IHEEM Council Member

**13:00-13:40 COVID-19 Compliant Facility at New Cross Hospital**  
Simon Bourke, RPS Group

**13:00-14:00 Procurement, Policy and Standards: How do we build what we actually need?**  
Faye Dolan, Procure Partnerships, Michelle Humphreys, Manchester NHSFT, Steve Bentley, Mott MacDonald, Conor Ellis, Archus. Chaired by Gareth Banks

13:40-14:00 Exhibition/Digital Platform Visit/Networking

**14:00-14:40 NHS Good Food, Good Health**  
Phil Shelley, Senior Operational & Policy Manager – Soft FM & Emma Brookes, Head of Soft FM Strategy & Operations, NHS Estates & Facilities, Commercial Directorate. Chaired by Adrian Eggleton, IHEEM Conference Committee Member

**14:00-14:40 Neutral Earthing and Fault Clearance With UPS Systems**  
Alex Emms, Kohler Uninterruptible Power. Chaired by Paul Harris, Chair IHEEM Electrical Technical Platform

**14:00-14:40 Net Zero Carbon Standards – Formal Information Session**  
Rebecca Stubbs, Technical Advisor, Mott MacDonald, Greg Chant-Hall, Operations Director, Square Gain. Chaired by Fiona Daly, National Sustainability and Workforce Lead

**14:00-14:40 Challenging Hospital Planners and Designers to Early Integrate the Specialist Engineering and Manufacturing Supply Chain**  
Prof Grant Mills, Professor of Healthcare Infrastructure Delivery & Dr Anne Symons, Senior Research Fellow in Healthcare Design & Raed Ashour, Researcher, The Bartlett School of Sustainable Construction. Chaired by Mark Williams, IHEEM Council Member

**14:40-15:20 Promoting Healthy Eating in Hospital/Ward Catering**  
Sue Brown, Associate Development Director; David Houghton Senior Project Manager, Alder Hey Childrens NHSFT

**14:40-15:20 Design Considerations for the Modern Operating Theatre: Supporting the implementation of UHD Medical Video, Audio and AI capability**  
Richard McAuley, Brandon Medical

**14:40-15:20 Ventilation Systems in Hospitals and COVID-19. What did we learn from the Pandemic?**  
Martin Deevy, Technical Director, Overclean Chaired by Richard Harris, IHEEM AE(V)

**14:40-15:20 COVID-19 & Healthcare Integration**  
Smriti Singh, Arcadis

**15:20-16:00 Chillers & Heat Pumps in Healthcare Premises**  
Sigrid Volkmann, STS

**15:20-16:00 Battery Storage Installations for Hospitals**  
Bill Reeves, Eta Projects. Chaired by Paul Harris, Chair IHEEM Electrical Technical Platform

**15:20-16:00 COVID-19 Safe Re-Opening Case Study**  
Frank Mills, Frank Mills Consultancy

**15:20-16:00 Providing a Safe Environment for Operating on Non-Infectious and Infectious patients**  
Richard Knight, Richard Knight Consultancy Ltd

16:00-16:30 Exhibition/Digital Platform Visit/Networking

**16:30-17:10 Natural Technology and Healthcare: Greener Steam Technologies**  
Daniel Wells, National Consultant Specialist, Spirax Sarco

**16:30-17:10 The Knowledge of Power – BMS Optimisation**  
Stewart Royle; Martin Norris, Saker Controls Ltd

**16:30-17:10 "PROTECT" – COVID-19 National Core Study**  
Professor Catherine Noakes, OBE, Professor of Environmental Engineering for Buildings, University of Leeds. Chaired by Duncan Sissons, IHEEM Conference Committee Member

**16:30-17:10 Technology to Capture, Extract and Purify Waste Anaesthetic Gases**  
Dr Matt Gopal, Head of Clinical Engagement, SageTech Medical Equipment Ltd. Chaired by Richard Harris, IHEEM AE(V)

18:15-19:30 Drinks Reception within the Exhibition Hall & Virtual Awards





# SCIENCE & INNOVATION



Wednesday 20 October

## DIGITAL CONFERENCE

## LIVE EXHIBITION

09:30-10:00 Exhibition/Platform Visit/Networking

### Keynote Address

#### 10:00-11:00 Panel Discussion: Infection Resilient Environments

Dr Shaun Fitzgerald OBE, Director, Centre for Climate Repair at Cambridge  
 Prof Peter Guthrie, Professor of Engineering for Sustainable Development, Department of Engineering, University of Cambridge  
 Prof Catherine Noakes OBE, Professor of Environmental Engineering for Buildings, University of Leeds  
 Andrew Poplett, Chair of IHEEM Ventilation Technical Platform  
 Chaired by Paul Fenton MBE, IHEEM President

### Research

#### 11:05-11:45 Innovation in the New Alder Hey Hospital

Claire Liddy, Managing Director, Innovation; David Powell Development Director, Alder Hey Childrens NHSFT. Chaired by Alison Ryan, IHEEM Council Member

### New Technologies

#### 11:05-11:45 The Future of Diagnostics with Facible's Quantum-Logic Aptamer Analyte Detection

Dr Steven Burden, Founder & CEO, Facible. Chaired by Paul Harris, Chair IHEEM Electrical Technical Platform

### Case Studies

#### 11:05-11:45 "Wayfinding+" The Art of Better Orientation

Martin Jones, Art in Site. Chaired by Karina Jones, IHEEM AE(W)

### IHEEM Technical Platforms

#### 11:05-11:45 IHEEM Ventilation Technical Platform, HTM 03-01 (2021) – Update and Overview of Major Changes,

Andrew Poplett, IHEEM Ventilation Technical Platform Chair

11:45-12:15 Exhibition/Digital Platform Visit/Networking

#### 12:15-12:55 User-Led, Innovative Healthcare Building Design

Rachel Beverley-Stevenson, OneMedical Property

#### 12:15-12:55 Big Savings, Greater Efficiency, Optimised Care: Building Intelligence Platforms will Transform Hospitals

Rob Faro & Chris Evans, Talarke. Chaired by Karina Jones, IHEEM AE(W)

#### 12:15-12:55 Creating Community Spaces for Patient Wellbeing

Louise Hardwick, Rhea Horlock & Paul Cross NHS Property Services

#### 12:15-12:55 IHEEM Electrical Technical Platform, How resilient is your Zero Carbon Electrical infrastructure?

Eugene Conroy, IHEEM Electrical Technical Platform Member

#### 13:00-13:40 Safe Sustainable Operating Theatre Design in a Modern NHS

Rabiya Zia, University of Cambridge

#### 13:00-13:40 Introduction to the UK Health Security Agency

Carole Fry, Infection Prevention and Control Lead, HCAI, Fungal, AMR, AMU & Sepsis Division, UK Health Security Agency. Chaired by Pete Sellars, IHEEM CEO

#### 13:00-14:00 Virtually Healthy: How Digital Transformation is Changing the Design of Healthcare Environments

Claire Liddy, Alder Hey Children's NHSFT, Dr Ian Jackson, Ian Newell, Refero, Sirinda Bhandal, Simply Connect. Chaired by Caroline Mulholland

#### 13:00-13:40 IHEEM Fire Safety Technical Platform

Stephen Ball, MSc, IHEEM Fire Safety Technical Platform Member

13:40-14:00 Exhibition/Digital Platform Visit/Networking

#### 14:00-14:40 Decision Tools for Improving Energy and Environmental Performance of Hospital Energy Systems

Muditha Abeysekera, Cardiff University

#### 14:00-14:40 Therapeutic Design with Cinematic Nature Art

Mark Minard, Moving Essence

#### 14:00-14:40 Spatial Analytics – The Evolution of Space in the NHS

Ken Gordon & Dr Andrew Dobbins, Micad

#### 14:00-14:40 IHEEM Water Technical Platform

Steve Mount, IHEEM Water Technical Platform Member

#### 14:40-15:20 Physical Control of Microbiologically Contaminated Water in Healthcare Facilities

Marissa Khoukaz, Pall

#### 14:40-15:20 Pharmafilter A Cleaner Hospital, A Healthier Environment where Health, Green and Clean-Tech Merge

Peter Kelly, Pharmafilter

#### 14:40-15:20 Building the Nightingale Hospital North West – Q&A

Emma Lepley, Architect Associate, BDP Manchester; Matthew Hird, Architect Associate, BDP Manchester Juliette Cosgrove, Chief Nurse and Director of Clinical Governance, NHS Professionals; Garry Bowker, Regional Director, North-West, Vinci, Chair; Ged Couser, Principal, Architecture, BDP Manchester

#### 14:40-15:20 IHEEM Professional Development Committee Update

Carl McKenzie, Chair and Cliff Howell Member of the IHEEM Professional Development Committee

#### 15:20-16:00 Application of HVAC Air Filtration to Minimize Airborne Infection Risk

Peter Dymant, Camfil

#### 15:20-16:00 UVC Light Based Technology Solutions for Better Healthcare Premise

Rasib Khan, 3H Technologies Ltd. Chaired by Paul Harris, Chair IHEEM Electrical Technical Platform

#### 15:20-16:00 Transforming Community Health Services Whilst Retaining Services on Site

Matt Tebbatt, One Creative Environments & Mark Jones, ADO Strategic Estates & Capital Planning, South Warwickshire NHS Foundation Trust

#### 15:20-16:00 IHEEM Decontamination Platform, JAG/IHEEM Audit Tool – An Evolving Partnership to Raise Standards

Brian Kirk, IHEEM Decontamination Technical Platform, Chair and John Prendergast, IHEEM Decontamination Technical Platform, Member

16:00-16:30 Exhibition/Digital Platform Visit/Networking

#### 16:30-17:10 Making the Invisible, Visible - Airborne Particle Monitoring and Control Systems Integration with Ventilation Canopies for Improved Infection Control and Higher Patient and Staff Safety

Scott Pickering, Brandon Medical. Chaired by Duncan Sissons, IHEEM Conference Committee Member

#### 16:30-17:10 Wireless Bluetooth Mesh Lighting controls in Big Projects

Stephen Jackson, Casambi Technologies Oy. Chaired by Paul Harris, Chair IHEEM Electrical Technical Platform

#### 16:30-17:10 The Digital Hospital Experience

David Evans, Schneider Electric. Chaired by Mark Williams, IHEEM Council Member

#### 16:30-17:10 IHEEM ADBE Technical Platform





# Exhibition hall and exhibitor list

19-20 October

## LIVE EXHIBITION

|                                               |                                               |                                                          |
|-----------------------------------------------|-----------------------------------------------|----------------------------------------------------------|
| 10architect ..... F12                         | Geberit Sales..... D68                        | PAGABO ..... G28                                         |
| ADC – The Automatic<br>Door Company..... C64  | GEMchem ..... G51                             | Pall Medical ..... G50                                   |
| Aerocom (UK) Ltd..... E28                     | Geoffrey Robinson Limited ..... G52           | Parkingeye..... A18                                      |
| AFH..... H10                                  | Gerflor ..... C14                             | Perfect Circle ..... C28                                 |
| AFL Architects..... H38                       | Getinge..... C8                               | Phil-Tec..... B19                                        |
| AG Instruments Ltd..... F67                   | Gilgen Door Systems ..... G45                 | Portakabin..... E12                                      |
| Aidcall ..... C26                             | Gilling Dod Architects ..... D10              | Power Control..... B25                                   |
| AkzoNobel ..... G13                           | Glamox Luxonic ..... B34                      | Powerstar ..... A44                                      |
| Alarm Radio Monitoring..... C50               | Global View Systems..... B20                  | PPL Engineering Services ..... B11                       |
| Altecnic..... H58                             | Gradus..... C20                               | PPL Training..... C1                                     |
| Aqua Free GmbH..... D50                       | GT Cleaning Machines..... D30                 | Precision UK ..... F20                                   |
| Aqua Protec Ltd..... B63                      | Guardian Electrical Compliance.. D55          | Premier Modular ..... G29                                |
| Arco..... G9                                  | Healthcare Design<br>& Management ..... G6    | ProEconomy ..... D46                                     |
| ARI-Armaturen UK ..... C4                     | HEFMA..... B32                                | Pro-Fire Systems..... C54                                |
| Arjo UK..... F51                              | Hiltons ..... C44                             | Rada – A Kohler Company..... E62                         |
| Armitage Shanks..... F44                      | Howorth Air Technology ..... A4               | Record UK ..... G5                                       |
| Ascom ..... D51                               | HSL Compliance..... D62                       | Refreshment Systems..... C29                             |
| ASSA ABLOY Entrance<br>Systems Ltd..... D14   | Hydro-X Water Treatment Ltd..... D58          | Roth UK ..... D56                                        |
| AVM Services ..... A12                        | Hysopt..... A40                               | S I Sealy & Associates ..... C34                         |
| Avrenim Group Ltd ..... A43                   | IBI Group..... H42                            | Safehinge Primera..... G20                               |
| Axis Automatic Entrance<br>Systems ..... G44  | ICS Cool Energy ..... B56                     | Saint-Gobain Ecophon..... G16                            |
| BeaconMedaes ..... E64                        | IDEXX Technologies Ltd ..... G56              | Salto Systems..... C24                                   |
| Bender UK ..... D35                           | IHEEM & Health Estate Journal ..... J1        | Schneider Electric..... B50                              |
| BESA ..... A66                                | Ingleton Wood ..... G25                       | SFG20..... B9                                            |
| BioClad..... D9                               | Interfurn Medical Systems Ltd ..... A52       | Shire Controls..... D20                                  |
| Brandon Medical..... B1                       | InVentry ..... B7                             | SHJ Hospital Pipelines..... C38                          |
| Britplas ..... D4                             | ISG ..... G15                                 | SOCOMECC ..... B29                                       |
| Building & Facilities<br>Management ..... A20 | JCA Engineering..... F16                      | Specialist Door Solutions ..... D19                      |
| Catfoss..... D26                              | Karl Storz Endoscopy ..... G64                | Stable Media..... G2                                     |
| CEF ..... A38                                 | Kemper UK & Ireland ..... E48                 | Starkstrom ..... F34                                     |
| CIBSE/SoPHE..... C62                          | Kingsway Group ..... D8                       | Static Systems Group..... D32                            |
| Cisterniser ..... F62                         | Kohler Uninterruptible Power Ltd. B16         | Steven A Hunt & Associates..... G34                      |
| Clearwater Technology ..... D61               | KwickScreen..... G10                          | Stirling Medical ..... H57                               |
| Collida..... B31                              | Langley Waterproofing<br>Systems Ltd..... F14 | STJ Projects..... D39                                    |
| Complete Ventilation Solutions... B38         | Lawton Tubes ..... B54                        | Sunbelt Rentals Limited..... A62                         |
| Construction Specialties UK Ltd. G43          | Logan Construction ..... E22                  | T.A.D Architects<br>/T.A.D Facilities Management..... E8 |
| Dart Valley ..... F56                         | Lumenata..... F32                             | Tandrup UK..... G58                                      |
| DAY Architectural..... G14                    | Media Area ..... E50                          | TClarke ..... C46                                        |
| DDC Dolphin ..... E56                         | Medical Architecture ..... G46                | Test Incorporated ..... A2                               |
| Design in Mental Health Network... A3         | Medical Engineering Systems..... E54          | The Wandsworth Group ..... VIP Area                      |
| Dionx Air Quality Systems Ltd ..... A53       | Medical Gas Services Ltd ..... E4/E6/F5       | Thorlux Lighting ..... F4                                |
| Dr Schutz UK ..... C15                        | Micad ..... D63                               | Trend Control Systems ..... C32                          |
| Draeger Medical UK Ltd..... D54               | Midtherm UV Limited..... G62                  | Turner & Townsend ..... G32                              |
| DSSR ..... E32                                | Millennium Medical Products Ltd... B4         | University of Bolton, School of<br>Engineering..... A22  |
| Duct Clean Scotland ..... B62                 | Multivista ..... A70                          | Veolia ..... A34                                         |
| Dupal UK ..... F53                            | NAHFO ..... B57                               | Vernacare..... B8                                        |
| eEnergy Group PLC ..... A28                   | neQis..... F65                                | Wernick ..... G8                                         |
| ENWA Water Technology ..... B52               | New Hospital Programme ..... D22              | Wheelshare ..... F64                                     |
| FLEXIM Instruments UK Ltd ..... D64           | NHSIE..... B59                                | WMSoc, LCA and CSCA..... H60                             |
| Forbo Flooring UK..... B44                    | NSR Management..... A14                       | Workspace (Scotland) LLP..... C10                        |
| Foris Solutions ..... E14                     | Open Parking..... B26                         | WT Partnership..... G38                                  |
| GAMA Healthcare ..... G57                     | Overclean..... A8                             | Yeoman Shield..... B10                                   |
|                                               | P3 Phoenix Pipeline Products..... F8          | Yewdale..... H26                                         |
|                                               | P4 ..... C31                                  | Zenergi ..... B28                                        |