

HS2 Independent Design Panel members

Sadie Morgan, Chair of the HS2 Design Panel

Sadie Morgan is a co-founding director of the award-winning practice dRMM Architects, renowned for creating innovative, high quality and socially useful architecture. The studio was awarded the Scheuco Gold Architect of the Year Award 2013-2014 for 'the most significant contribution to British architecture over the past year'. This success was followed in 2015 by the Housing Architect of the Year Award, in recognition of dRMM's work on some of the most significant regeneration projects in London.

Sadie regularly lectures nationally and internationally as a keynote speaker. She sits on numerous competition jury and advisory panels including the RIBA National Awards advisory panel and the World Architecture Festival super jury. She also regularly represents the profession in the media. She became the youngest and only third ever female President of the Architectural Association in 2013.

In continued dedication to the education world, she is an external examiner at Westminster University and a trustee of the Creative Education Trust.

Sadie was shortlisted for the Architects' Journal Woman Architect of the Year award, and won the 2015 CBI First Woman Award in recognition of her outstanding contribution to the built environment. In March 2015, Sadie was appointed as chair of the Design Panel for HS2, reporting directly to the Secretary of State.

As of November 2015, she is also a member of the newly formed National Infrastructure Commission, led by former Cabinet Minister Lord Adonis.

Paul Appleby

Paul Appleby advises design and masterplanning teams on the integrated sustainable design of buildings and communities. He has worked in the construction industry as a consultant, lecturer and researcher for 45 years, including 25 years' consultancy experience running practices specialising in healthy buildings and sustainability, working on award winning projects with some of the world's leading architects and developers. The author of some 70 publications, including key guidance published by CIBSE and others, his book Integrated Sustainable Design of Buildings has appeared in a list of Cambridge University's 'Top 40 Sustainability Books of 2010'. His follow up Sustainable Retrofit and Facilities Management was published in January 2013. He is a Built Environment Expert for Design Council Cobe, involved in design reviews for major projects seeking planning approval, including a number of Crossrail station developments. He is also a member of the Oxford Design Review Panel. Paul is actively involved with the UK Green Building Council, participating in a number of task groups including developing retrofit incentives and, in concert with the World Green Building Council, exploring the relationships between productivity, health and wellbeing and sustainability.

Reuben Arnold

Reuben Arnold is Senior Vice President, Marketing and Customer Experience, at Virgin Atlantic Airways and is responsible for the airline's customer experience offering in the air and on the ground. He also oversees all aspects of design across the business, including cabin interiors and airport environments. Reuben also leads on brand strategy for Virgin Atlantic, which includes development of the airline's identity and overall positioning through marketing communications, customer relationship management, and also all brand activation through sponsorship and event activity. Before his current role at Virgin Atlantic, Reuben spent a number of years with Eurostar, the international high-speed rail operator, where he was responsible for all aspects of the end to end customer experience. He led the design process for Eurostar's new fleet programme and also led the design and build project for Eurostar's flagship terminal at St Pancras International in London.

Hiro Aso

Hiro Aso is an award winning UK-based specialist in the architectural design and delivery of regenerative transport hubs. He has been involved in major railway infrastructure projects in the UK since the iconic Jubilee Line extension in London in the 1990s. These have included: the multi-award winning redevelopment of London's King's Cross Station for Network Rail as lead programme architect; and the realisation of Crossrail Bond Street Station in the heart of London's West End now under construction. His experience includes client advisory roles for major infrastructure organisations such as Transport for London, Network Rail, British Airports Authority, Translink, Eurostar and High Speed 1. He brings international experience, having been chief architect for high profile metro projects and associated regenerative masterplan schemes in Moscow, Delhi and Dhaka. Until early 2015, Hiro was board director of John McAslan + Partners, responsible for their transport projects. He has now joined the global design firm Gensler as Head of Transport and Infrastructure.

David Bonnett

David Bonnett is a consultant architect with a background in both local authority and private practice. He has run architectural projects from inception to completion for housing, offices and public buildings. During 14 years working with local authorities he pioneered many aspects of accessible design, acted as advisor on the implementation of access standards and contributed to an innovative design guide on the subject. In 1994 David completed his research degree (Ph.D) on 'Design Effectiveness for People with Severe Disabilities'. This, as well as his personal knowledge of disability, has made David a leading authority on the subject. David Bonnett Architects was established in 1994 in response to the demand for his particular experience and skills as architect and access consultant. He is visiting professor to the Department of Architecture, Oxford Brookes University, and is a member of the Design Council Cabe review panel for Crossrail. He has published many articles and papers on inclusive architectural design and is an active member of several national committees with an interest in inclusive design. David is the author of several access guides for the Employers' Forum on Disability (EFD) and the Corporation of London's 'Designing an Inclusive City'.

Adam Brown

Adam Brown is an architect with over 15 years' experience in designing and leading a range of major infrastructure projects. He worked with John McAslan for 15 years and then in 2006 co-founded Landolt + Brown. His project experience includes King's Cross Western Concourse which he led from inception to the early stages of construction, West Hampstead Thameslink station, Epsom Station and the new bus interchange at Tottenham Hale. His current rail projects include new stations at Hackney Wick, Tottenham Hale Underground, Twickenham and White Hart Lane and major public realm commissions in Lambeth and at Peckham Rye. Adam has also led a range of masterplans, area action plans, and design briefs for sites centred on transport interchange for a range of public sector bodies. Adam is a member of Southwark's and Hackney's design review panels, has acted as urban design advisor to the Greater London Authority and is currently a member of the Mayor's Specialist Assistance Team for Movement.

Patricia Brown

As director of niche consultancy Central, Patricia Brown works with a range of cross-sector clients, who draw on her understanding of the dynamics of cities and the inter-connection of business, public services and communities. She frequently advises on the process of achieving change, guiding this to achieve buy-in and the best outcome for all. Her expertise and roles build on her work as former chief executive officer of Central London Partnership, where a key part of its economic competitiveness agenda was championing improvements to urban quality and movement, to re-shape London as a better place for people. She lobbied for the pedestrianisation of Trafalgar Square, imported the BID concept to the UK, commissioned the significant Gehl study on public life, and initiated Legible London, the wayfinding system. She now works across the UK and overseas, especially New York, where her roles include special projects adviser to Times Square Alliance. Patricia is Deputy Chair of the Mayor's Design Advisory Group, Vice Chair of the British Property Federation's Development Committee, Chair of the London Festival of Architecture and sits on Great Western Railway's Strategic Advisory Board.

Tony Burton

Tony Burton works on a wide range of community and sustainability projects and has 25 years' experience on the boards of conservation and community based charities. He is Executive Chair of Sustainable Homes, Vice Chair of the Big Lottery Fund (and chairs its Audit and Risk Committee); a trustee of Friends of the Earth and the Trust for Conservation Volunteers (TCV); and an independent member of Tarmac's sustainability panel. He is also a member of the design panel for the South East and East Anglia. He is one of the country's leading neighbourhood planners and advised HS2 Ltd on establishing the independent Design Panel. He is on the Council of the National Infrastructure Planning Association and is a regular speaker and commentator on community engagement, development and infrastructure. Tony was recognized with a CBE in 2012. In 2010, Tony founded Civic Voice (the national charity for the civic movement) and was previously Director of Strategy and External Affairs at the National Trust, Director of Policy and Communications at the Design Council and Deputy Director at the Campaign to Protect Rural England. Tony was also a member of the Urban Task Force. As a local volunteer he is Chair of Wandle Valley Forum and a trustee of his local civic society, Mitcham Cricket Green Community and Heritage, and also Friends of Mitcham Common.

James O'Callaghan

James O'Callaghan is an authority on the structural use of glass. He is perhaps best known for his highly innovative glass stairs, bridges, façades and other structural elements in a range of Apple's flagship retail stores including Tokyo, Sydney, Shanghai, Hong Kong, New York and London. His continuing interest in the development of structural glass design has led to Eckersley O'Callaghan's involvement with many challenging and award-winning glass projects around the world. This was recognised in 2010 when the practice won the Queen's Award for Enterprise in the category of Innovation. James regularly gives talks to professionals in the industry to share his experiences in the design of glass. He is often invited as keynote speaker at notable international glass industry conventions such as Glasstech and Glass Performance Days. The whole company is committed to R+D with staff regularly producing papers for publication. James became a member of the Hong Kong Institution of Engineers in 2011 after he had worked on several projects in Hong Kong and Asia. Before setting up Eckersley O'Callaghan, James was a principal of Dewhurst Macfarlane's New York office.

Caroline Cole

Caroline Cole runs Colander Associates, a consultancy that bridges the divide between clients and their consultants. She works with architects, landscape architects, designers and engineers to help them to run effective creative businesses; and with clients to identify and work with the best design teams for their projects. She studied architecture at Cambridge University, and worked with Arup, Conran and Crighton before becoming one of the UK's first design managers with Olympia and York at Canary Wharf. She also ran the RIBA's Clients' Advisory Service in the late 1990s. She is a trustee of the Ove Arup Foundation, Chair of the Advisory Panel to Cambridge University's IDBE Masters, a member of The Edge, a Fellow of the RSA and an honorary fellow of the RIBA. Building on her commitment to integrated design, she set up Equilibrium Network, an inter-disciplinary group of influential women working across the built environment. Caroline has judged the RIBA Manser Medal, the Design Week Awards, the RIBA Awards, the Architects' Journal Top 100 Awards and the Inspire Awards that recognise women in the built environment.

Annie Coombs

Annie Coombs is a landscape architect and Fellow of the Landscape Institute, with a master's degree in planning. She started her career working on environmental regeneration projects in the public sector in the UK. She worked in Asia for over 15 years, most recently as managing director of the Asian businesses of an international environmental consultancy, sitting on the main board. Her main project work in Asia was large scale infrastructure, in particular linear projects including road, railway and drainage schemes. Annie is co-chair of the Northwest's design review panel at Places Matter! She regularly chairs or sits on design review panels. She is one of Design Council Cabe's Built for Life examiners and a Built Environment Expert. She is also an examining inspector for major infrastructure projects with the Planning Inspectorate. She works as an independent consultant and enabler, engaged on green infrastructure and environmental regeneration, and has led training on neighbourhood planning. She has been active in community planning, chaired a parish plan and a local area partnership environment group. She volunteers on policy matters for the Landscape Institute.

Nathalie de Vries

Nathalie de Vries is an architect and urbanist. She is director and co-founder of globally operating architecture and urban planning firm MVRDV, which she set up together with Winy Maas and Jacob van Rijs in 1993. Nathalie is currently the chair of The Royal Institute of Dutch Architects (BNA), and a member of the supervisory board of the Groninger Museum, a position she previously held for Het Nieuwe Instituut for Architecture, Design and E-culture, the Netherlands Architecture Fund, the Netherlands Architecture Institute (now HNI) and the Moti Museum of the Image. She is also board member of Witte de With Center for Contemporary Art and has been on the board of the architectural journal Oase. Since 2013 she has been Professor for Architecture at the Kunstakademie Düsseldorf. She has taught at several schools and institutions, including Harvard GSD, IIT Chicago, the Berlage Institute, TU Delft and Architecture Academy Arnhem, and has been Professor of Architecture at TU Berlin (2002-2004) and chief railroad architect of NS/ProRail (2005-2008). She has also been a member of the Gestaltungsbeirat of Salzburg and presided over the steering group BNA-Research of The Royal Institute of Dutch Architects.

Dan Epstein

Dan Epstein is the director and founder of Useful Simple Projects, a design led consultancy for that works with organisations and on major urban development projects to develop sustainability strategies and identify opportunities for innovation. Previously Dan was the Head of Sustainable Development and Regeneration for the London 2012 Olympic Delivery Authority. With over 30 years' experience, Dan's strengths are knowledge of the whole sustainability agenda and how it applies to development. He has specialised in urban regeneration and masterplanning throughout his career and has managed large complex projects involving multiple stakeholders. A common theme linking his work has been the degree of uniqueness – his projects are often seen as extraordinary or trailblazing, turning sustainability policy into real and practical outcomes on some of the biggest and most challenging projects.

Dairy Froud

Daisy Froud is a spatial and cultural strategist. She supports communities, clients and architects in developing briefs for architectural projects, in undertaking research to inform decision-making, and in conducting meaningful stakeholder engagement and community-led design review. An experienced facilitator, Daisy specialises in devising tools and strategies that allow multiple voices to contribute to design processes, and in helping diverse groups to locate common ground in situations where policy constraints, or lack of resources, pose challenges. Daisy is a teaching fellow at the Bartlett School of Architecture, focusing on spatial politics ('How Change Happens'), and in 2011 held a visiting professorship at Yale, where she taught on similar topics. She recently co-edited the book 'Radical Pedagogies: Architectural Education and the British Tradition' (RIBA, 2015) - a set of critical essays by educators, students, recent graduates and practitioners. From 2003 to 2014 Daisy was a co-founding director of architecture practice AOC, where she led the firm's participation arm, working mostly on community and cultural buildings, housing masterplans, schools and public spaces. In 2014 she was shortlisted for the Emerging Woman Architect of the Year award.

Richard George

Richard George is the managing director of Interfleet Technology. He has had a long and distinguished career at a senior level in the transport industry. Previously he held the position of Director of Transport for LOCOG, the organisers of the 2012 London Olympics. In this position Richard was responsible for the planning and delivery of transport services in support of the Games. Before his LOCOG role he had been Head of Public Transport for the Olympic Delivery Authority. He was also previously director of the strategic rail consultancy firm First Class Partnerships. Richard spent three years as the High Speed 1 Project Director for Eurostar. Other roles with First Class Partnership included: corporate re-structuring of Eurostar; 'Operator of Last Resort' at South Eastern Trains when the Connex franchise was withdrawn by the Department for Transport (DfT); and an advisory role to the DfT on the creation of Network Rail on the demise of Railtrack. He served on the board of FirstGroup plc and, as UK Rail Director, was chairman of First Great Western, First Great Eastern and First North Western Trains.

Johanna Gibbons

Johanna Gibbons is a landscape architect and founding partner of J & L Gibbons LLP. She is a Fellow of the Landscape Institute and serves on several advisory panels including Historic England, The Forestry Commission, and Cambridgeshire County Council. She is a member of the Trees and Design Action Group, a cross-disciplinary group that seeks to influence practice and policy concerning urban trees. Johanna's expertise concerns heritage, green infrastructure and urban regeneration and she leads on collaborative cross-disciplinary practice at a strategic and local level, mostly in London. J & L Gibbons are an award winning practice, as finalists in the prestigious Rosa Barba International Landscape Prize 2014; winners of the RIBA's Vauxhall Missing Link international competition in 2013; and recipients of many Landscape Institute awards. Their work at the Angel Building in Islington won the Forestry Commission's award for Trees and Development. The practice is currently part of a collaborative pilot research project with King's College London and Nomad, exploring how the urban environment affects mental wellbeing. Johanna has recently exhibited as part of the 'Rethinking Urban Landscapes' and 'Urbanistas' exhibitions, celebrating innovative women in urban design.

Clive Grinyer

Clive Grinyer is Customer Experience Director in the Design Office at Barclays plc. Clive leads design teams in developing new digital services and experiences based on creativity, design thinking and customer insight. Clive has worked for innovation consultancy IDEO in the US and UK and was a founder of design company Tangerine. He set up Samsung's European design studio, was head of design for Orange France Telecom in London and Paris and headed design for TAG McLaren Audio. He was Director of Design for the Design Council where he created programmes that take designers into manufacturing and technology companies. He has designed digital customer experiences for Cisco's major retail, public sector and financial services customers. Clive graduated from Central St Martins School of Art and Design in London is a trustee of the RSA and of Merton Music Foundation, an advisor to the All-Party Parliamentary Design and Innovation Group, visiting professor at Glasgow School of Art and external examiner at the Royal College of Art. He also writes and speaks at conferences on design, innovation and technology, and is the author of the book 'Smart Products'.

Tom Holbrook

Tom Holbrook came to architecture tangentially, co-founding 5th Studio in 1997 as a spatial design agency, working across the fields of architecture, urban design, infrastructure and landscape. Tom's design practice has developed an approach to strategic thinking that explores the dynamic between architecture and the scale of infrastructure and landscape. The relationship between research and practice has encouraged design innovation and a fresh attitude towards conservation, environmental sustainability and complex regeneration projects. In combination with practice, Tom is Professor of Architecture and Industry Fellow at RMIT University, exploring comparative urbanism in Barcelona, Melbourne and Ho Chi Minh City. Tom directs the urban studies programme at the London School of Architecture. He regularly contributes critical writing and opinion to a variety of media. He is a member of the Quality Review Panel of the London Legacy Development Corporation and Design Council Cobe's Oxford design panel, and is a design advisor to the Greater London Authority.

Glenn Howells

Since establishing Glenn Howells Architects 25 years ago, Glenn Howells has built a strong reputation for designing innovative buildings and shaping areas of cities. He has led the practice, with studios in Birmingham and London, to win many major design competitions, and over 120 awards from industry organisations, and has built a portfolio of completed projects across a diverse range of building types. Glenn has been closely involved with shaping the future of some of Britain's most complex and ambitious regeneration projects. The practice's masterplans have prepared the way for billions of pounds worth of investment, such as Paradise in Birmingham's civic heart, the historic Chapel Street area of Salford, and the Royal Wharf project in London Docklands. The practice has recently developed a vision for the entire Eastside of Birmingham, which is set to be transformed by the arrival of HS2. Outside the practice, Glenn chairs the board of the Ikon Gallery and Warwick University's Building Committee, and sits on the advisory board of Birmingham Hippodrome and the West Midlands' regional architecture centre, MADE. He continues to work closely with the RIBA and CBE, where he was a member of the London 2012 Olympics design review panel. Glenn is an external examiner at Sheffield Hallam University and a lecturer at the Centre of Alternative Technology in Wales.

Hanif Kara

Hanif Kara combines structural engineering practice with teaching, currently appointed as Professor in Practice of Architectural Technology at Graduate School of Design, Harvard. He is a fellow of RAE, RIBA, ICE, IStructE and the RSA, on the board of trustees of the Architecture Foundation, a former CBE Commissioner, and served as a member of the Design for London Advisory Group to the Mayor of London. As design director and co-founder of AKT II, his particular 'design-led' approach and interest in innovative form, material uses, and complex analysis methods have allowed him to work on numerous award-winning, pioneering projects. He also has widely published works including 'Design Engineering', a retrospective of AKT's first decade (2008), co-published with Harvard, 'Interdisciplinary Design: New Lessons from Architecture and Engineering' (2012), and most recently he edited 'Deliverance of Design - making, mending and revitalizing structures', a look at the works of AKT II from 1996 - 2016. Selected projects include the Energy Centre, Queen Elizabeth Olympic Park, Birmingham New Street Station, Peckham Library, Bloomberg Headquarters, Central Park Bridge, Queen Elizabeth Olympic Park, The Francis Crick Institute, and the National Trust Headquarters, Swindon.

David Kester

David Kester runs the strategic business consultancy DK&A which specialises in orchestrating design and innovation projects within business and government. David has 20 years' experience leading world-class creative organisations. He is a former chief executive of the Design Council, where he was an adviser to successive governments and implemented public service innovation. He is non-executive chairman of leading retail design agency Caulder Moore and partner at the international service design training company DesignThinkers Academy. David is a regular commentator on design and co-chairs the international design conference What Design Can Do in Holland and Brazil. He is an honorary fellow and former trustee of the Royal College of Art, an honorary professor at Warwick Business School and member of the parliamentary Design Commission.

Martin Knight

Martin Knight is a leading UK architect specialising in bridge and transport infrastructure. He established Knight Architects in 2006, following nine years at Wilkinson Eyre Architects, where he was responsible for bridges including the RIBA Stirling Prize-winning Gateshead Millennium Bridge. His specialist practice designed nine bridges at Stratford City for the London 2012 Olympics and the Hatea River Crossing in New Zealand. Current projects include the Mersey Gateway and the Corridor around Newport. The practice is also working on the Ely Southern Bypass, the dualling of the A465 in South Wales and the A82 improvements in Scotland. Martin is an experienced architect and member of the RIBA and IABSE. In 2005 he was selected for the Architects' Journal / Corus '40 Under 40' awards and since 2006 he has been a member of the design review panel of the Design Commission for Wales. He served on the RIBA Council from 2008-14 and led the 2013 RIBA Task Group review of design competitions. In 2010 he was elected a Fellow of the Chartered Institution of Highways and Transportation and the RSA and in 2013 he was elected a Companion of the Institution of Structural Engineers

Alister Kratt

Alister Kratt is board director at LDA Design, a global environmental design business based in the UK with projects around the world. He specializes in large, multidisciplinary projects and development in sensitive contexts. He leads energy and infrastructure teams, with expertise in nuclear, tidal range and port sectors. He also leads development and regeneration teams, with particular experience in university and mixed use development. He is responsible for LDA Design's research and professional services with particular emphasis in masterplanning, integrated EIA and contextual planning and assessment. Alister is a landscape architect and masterplanner with significant experience in project leadership. Alister is an experienced expert witness and is on the Design Commission for Wales review panel.

Alistair Lenczner

Alistair Lenczner is a highly experienced cross-discipline designer who has worked on many building and infrastructure projects internationally. Alistair has been instrumental in the design of projects such as the new Wembley Stadium, the Millau Viaduct in France and the Haramain High Speed Railway Stations in Saudi Arabia. Alistair spent 13 years with Arup where he developed many innovative structural designs. Significant projects include the Bari Stadium in Italy, the Louvre Museum Sculpture Courtyards in Paris, the Future

Pavilion at Expo '92 Seville and the Padre Pio Church in Italy. In 1998 Alistair joined Foster + Partners' design team for the new Wembley Stadium. While with Foster + Partners he went on to lead on the Millau Viaduct project, and ultimately became a partner with the practice. His projects also included the Slussen masterplan in central Stockholm, the Haramain railway project and a proposal for a major integrated infrastructure project in the Thames Estuary, featuring a new hub airport for London. Alistair became a director with Expedition Engineering in 2014.

Mike Luddy

Mike Luddy was appointed Managing Director of the Royal Docks in 2011. The Royal Docks is responsible for managing the largest enclosed docks in the world, as well as setting the vision for, and working actively alongside other partners to create and implement, a number of significant regeneration projects. Before joining the Royal Docks, Mike held a number of senior roles. He spent a period at LOCOG, which helped London 2012 define its spectator experience. Mike also spent four years as Chief Commercial Officer at London's Gatwick Airport, leading the airport through the £1.2bn sale to Global Infrastructure Partners. He spent five years at London Continental Railways where he was project director for the rebuilding of St Pancras Station and was responsible for the creation of its ground-breaking operational and commercial model as 'Europe's Destination Station'. Mike led a team overseeing the £800m restoration of this iconic building through to the royal opening in November 2007. St Pancras International was designed to be the first part of the regeneration of the King's Cross area, and vital to the success of the HS1 project.

Selina Mason

Selina Mason is a masterplanner and architect and board director at LDA Design, which she joined in 2014. She has a wealth of experience commissioning and delivering complex urban masterplans. She led the design and delivery of London's post-games transformation masterplan for the Olympic Delivery Authority (ODA) and then the London Legacy Development Corporation. She has significant experience in leading large consultant teams of masterplanners, architects, engineers, landscape architects, sustainability and planning consultants, and achieving high quality, deliverable results. Selina has also been leading the consultancy's Cities programme, which is focusing on urban and regeneration masterplans; for example, she is leading LDA Design's University College London East Olympicopolis masterplan for Queen Elizabeth Olympic Park. Before joining the ODA in 2007, Selina was Director of Design Review at CABI. As a member of CABI's senior management team she provided leadership on matters relating to planning, urban design and architecture, advising CABI on national urban design and architecture policy, planning applications, including significant national tall buildings applications and planning inquiries.

Peter Maxwell

Peter Maxwell is a chartered architect, town planner and urban designer. He has 15 years' senior level experience, and has led the implementation of major projects, programmes and best practice to a consistently high standard in the UK, Middle East and New Zealand. Peter has extensive client side experience which includes building design, masterplanning, design management, regeneration, housing, public transport, healthcare, education, arts and culture projects within the private sector, local and central government. This has included acting as the urban design client for a \$2.4bn new rail infrastructure project which included significant residual land development. He is currently Head of Design for the London Legacy Development Corporation, leading the architecture, masterplanning and

public realm for the redevelopment of Queen Elizabeth Olympic Park. This includes Olympicopolis - a new cultural and university quarter for Stratford and the development of new mixed use neighbourhoods. Peter has acted as a design review panel member for London Borough of Islington, the Department of Health, and has provided expert advice for design policy and research projects for both UK and NZ government departments.

Kathryn Moore

Kathryn Moore is the President of the International Federation of Landscape Architects (IFLA) and a professor of Landscape Architecture at Birmingham City University. She has published extensively on design quality, theory, education and practice. Her book 'Overlooking the Visual: Demystifying the Art of Design' (2010) provides the basis for critical, artistic discourse. Her teaching, research, and practice set within landscape architecture have clear implications for architecture, planning, urban design and other art and design disciplines, in addition to philosophy, aesthetics and education more generally. Chair of the pilot design review panel for the HS2 landscape guidelines, she has taken a lead role in redefining the relationship between landscape, culture and governance, finance, health and community engagement within the context of the Birmingham region. As president of IFLA, she is a member of the steering committee and founding partner of the World Design Summit to be held in Montreal in October 2017.

Marie Bak Mortensen

Marie Bak Mortensen is Head of Exhibitions and Interpretation at the RIBA, where she is the creative lead for public-facing exhibitions and events. Born in Denmark and with previous work experience with the Danish Design Centre and the Architects' Association of Denmark, Marie moved to the UK in 2009 to develop and deliver strategic national programmes and partnership exhibitions at Tate. With a strong focus on interdisciplinary and collaborative working, her expertise lies within the fields of architecture, design and fine art, curatorial programming and development of large-scale programmes that strive to demonstrate social and economic impact on a national, regional and local level. She has published articles, informed policy and advised governments on arts-led and architectural regeneration and written and lectured about collaboration in the cultural sector at King's College London and University of Westminster. Marie studied at the University of Copenhagen and University College London. She holds an MA in Modern Culture and Critical Theory and a BA in Design History and Theory, with a particular research focus on the design history of public mass transportation.

Lucy Musgrave

Lucy Musgrave is the founding director of Publica and a leading practitioner in the fields of urbanism and the public realm. Over a 20-year career, Lucy has played a key advisory role in policy recommendations, strategic planning and urban design frameworks, and in the advocacy of design quality. She is a member of the New London Sounding Board and the City Property Association Board and an external examiner at the Cass Faculty of Architecture, London Metropolitan University. Lucy has recently been a member of the West End Partnership Public Realm Task Group and the panel for the Farrell Review of Architecture and the Built Environment. Lucy was previously director of the Architecture Foundation. Among many previous advisory and board roles, she has been a member of the UK government's Urban Sounding Board; the Greater London Authority's Public Realm Advisory Group; the Mies van der Rohe European Prize for Public Space; the Architect of the Year Awards; and the European Jury of the Holcim Sustainability Awards. She was a

founding trustee of the Sheila McKechnie Foundation and is a trustee of the Tree Council. She is co-author of *Design and Landscape for People: New Approaches to Renewal*, a Thames & Hudson publication on international examples of inspirational regeneration practice. Lucy was made an honorary fellow of the RIBA in 2001.

Greg Nugent

Greg Nugent joined LOCOG in May 2009, serving as chief marketing officer for the London 2012 Olympics. Overseeing the design, research and polling teams, Greg was responsible for everything from customer relationships to the look and feel of the Games. Coining the phrase 'Inspiring a Generation', he built a database of 5.5 million and turned volunteers into 'Gamesmakers'. He continues to nurture the Games' volunteering legacy as deputy chair of The Join In Trust. This follows from his charitable work at Clarence House in early 2009, where he was the chief executive officer and founder of 'Start', a sustainability initiative set up by HRH The Prince of Wales. Greg has a further wealth of experience gleaned from working with brands such as GlaxoSmithKline, Weetabix, and from his role as chief marketing officer at Eurostar, where he led several award-winning, global marketing programmes and helped steer HS1 and the move to St Pancras International. He has since acted as strategic adviser to HS2. He is a NED for the British Paralympic team. Greg is now a co-founder of Inc. Marketing & Communications London.

Kevin Owens

Kevin Owens is a co-founder of WilsonOwensOwens Architects (WOO), a firm committed to championing design and delivering exceptional projects through collaboratively challenging preconceived ideas of process, application, and execution.

Kevin trained and practiced in architecture prior to his role as Design Principal with London 2012. In this central role Kevin lead on the design of the built environment, and provided strategic direction on the Olympic Park masterplan and the design and overlay of all venues for the London 2012 Games. Kevin is a Fulbright Scholar, and a masters graduate of Yale School of Architecture. His career has included a wide range of international design projects from sports buildings through to urban design.

Tina Paillet

Tina Paillet is an international real estate executive with over 25 years' experience in the real estate field, and is currently head of UK and North America for Generali Real Estate (GRE). Tina is in charge of steering the group's activity and diversification strategy within the UK and North American business unit, including, notably, a major office development project in central London as well as an established office and retail portfolio in the major gateway cities of the USA. Before this position, Tina was Global Head of Asset Management for GRE, steering the group's asset management activities, notably driving the best practice initiatives within the GRE portfolio. Before joining GRE, Tina was Vice President for International Development for the food retailer Casino Group, with special focus on South America and Central and Eastern Europe. Tina is a board member of the Europe World Regional Board of the Royal Institution of Chartered Surveyors (RICS) and a member of the Counselors of Real Estate (CRE). Tina is also a licensed architect in France (Architect DPLG) and holds a master's degree from ESSEC School of Management.

Carol Patterson

Carol Patterson is an OMA director and country manager for the UK. During her 15 years at OMA, and preceding 10 years as a New York architect, she has managed the complexity of historical preservation, political turf wars, and challenging logistics under budget and deadline pressure. Her work on the new headquarters for Rothschild in the City, the Commonwealth Institute, the Whitney Museum in New York and the Los Angeles County Museum of Art (LACMA) demonstrates the value that a natural diplomat and accomplished practitioner brings to large-scale projects. Carol first joined OMA in 2000 to help to design the Seattle Public Library, which was recently shortlisted for the 'Best Building in 15 Years' Mies in America Prize. A Californian, Carol graduated from UC Berkeley, and earned a Masters in Architecture, with honours, from Columbia University. She has been an active critic at design schools around the world, and has served as an external examiner for the Architectural Association since 2010.

Luke Pearson

Luke Pearson is an industrial designer and founding partner of the London design studio PearsonLloyd. The studio works in environments that have demanding spatial, ergonomic and social needs, such as healthcare, aviation, workplace and cities. Clients include Joseph Joseph, Department of Health, Lufthansa, City of Bath, InterContinental Hotels, Bene, Steelcase, Poltrona Frau, Teknion and Walter Knoll. For a number of years Luke taught at the Ecole Cantonale d'Art de Lausanne in Switzerland and ran a platform at the Royal College of Art for six years. Luke was awarded the distinction of Royal Designer for Industry by the RSA in 2008, and in 2012 he was named as one of the top 50 designers 'Shaping the Future' by Fast-Co Magazine.

Sam Richards

Sam Richards is Head of Urban Integration at Crossrail, a post he has held since 2008. In this role he has led and managed the largest programme of urban realm improvements associated with an infrastructure project in this country, including designs that have been produced for 31 stations, in partnership with Transport for London, Network Rail and the Crossrail boroughs, as part of a £130m programme. He has also worked with CABE to conceive and complete a programme of integrated design reviews for the central section stations, urban realm and over site development and has managed consultants to produce reports identifying the impact of Crossrail on land values and land use planning. Previously Sam worked at Transport for London (2000 – 2008) as Head of Land Use Planning, and also as Chief of Staff to the Commissioner. He has worked for the Local Government Association as a policy adviser on planning and transport, and for London Underground on the Jubilee Line Extension. Sam is a member of the Royal Town Planning Institute and started his career as a town planner for London boroughs (Southwark and Hounslow), working on plan making, policy and implementation.

Jonathan Sands

Jonathan Sands OBE is chairman of Elmwood, a leading brand design consultancy renowned for winning more Design Business Association Design Effectiveness Awards than any other consultancy in the history of the scheme. Jonathan has been at the helm of Elmwood for 30 years and his work now takes him all over the world to clients including GlaxoSmithKline, Loblaw, Tesco and Heineken. Originally based in one office in Leeds, the consultancy has since opened offices in London, Melbourne, New York, Singapore and

Hong Kong. Aside from his work at Elmwood, Jonathan is the former chairman of the Design Business Association, a past member of the RSA Council, and a past council member of the Design Council where he served for 10 years and also chaired the Design Skills Advisory Panel. Jonathan is also a visiting professor at the University of Huddersfield which, in 2002, awarded him an honorary doctorate. In 2011, Jonathan was included in HRH The Queen's New Year's List of Honours for his outstanding services to the creative industries, in addition to being listed in Design Week's Hot 50, Packaging News' Power Book and The Drum's Power 100 as an influential figure in the design industry.

Ann Sawyer

Ann Sawyer is an architect and access consultant. She has been involved in inclusive design for many years and set up Access=Design in 2005. She has extensive experience covering design, audit and management of accessible built environments, strategic access planning and project brief preparation, as well as training in access, inclusive design and disability issues. She has worked with design teams on major development projects including a new campus for Imperial College, the new Brent Civic Centre, education, transport, arts and historic buildings and a wide variety of residential schemes. She taught on the MA in Inclusive Environments at the University of Reading and provides in-house training and CPD sessions for architects and others covering access, inclusive design and relevant legislation including Building Regulations and the Equality Act. She is also the author of the well-respected book *The Access Manual* (3rd edition, July 2014), and wrote *Easy Access to Historic Buildings* for English Heritage. In addition to her membership of the HS2 Design Panel, Ann is a member of the London Legacy Development Corporation Quality Review Panel and the London Borough of Haringey design review panel.

Sir Nicholas Serota

Nicholas Serota has been director of Tate since 1988. In this period Tate has also broadened its field of interest to include twentieth-century photography, film, performance and occasionally architecture, as well as collecting from Latin America, Asia, the Middle East and Africa. He recently co-curated exhibitions at Tate Modern on Cy Twombly and Gerhard Richter as well as Henri Matisse: the Cut Outs. Nicholas Serota has been a trustee of the Architecture Foundation and a CABE commissioner. He was a board member of the Olympic Delivery Authority.

Les Sparks

Les Sparks was Director of Planning and Architecture at Birmingham City Council from 1991 to 1999 and Director of Environmental Services at Bath City Council from 1980 to 1991. In 1999 he was appointed as one of the founding commissioners of CABE, leading its early work in setting up regional networking. He chaired the national design review panel from 2004-06 and the CABE Crossrail and Thames Tunnel design review panels after his term as a commissioner ended. He also chaired the Nottingham and Plymouth City design review panels and the Urban Regeneration Panel set up by Bath and North East Somerset Council from 2004-14. He was appointed as a commissioner of English Heritage in 2001, chaired its former Advisory Committee on the Historic Built Environment (HBEAC), and was a member from January 2000 of the English Heritage/CABE Urban Panel and its chairman from 2003 to December 2010. He is currently chairman of the West Midlands Committee of the Heritage Lottery Fund, the Ironbridge Gorge World Heritage Site Steering Group and MADE, the West Midlands regional design review panel. He was awarded the OBE in 1997 for services to urban regeneration.

Martin Stockley

Martin Stockley is a leading authority on the application of engineering in the design of the built environment. As a practising engineer he has worked on the design of major civil engineering, on buildings (both new and historic) and on streets, parks and public spaces. He has advised the UK government on the design of schools and on the impact of major civil engineering works in London and is an advisor to English Heritage. Over the course of his career he has developed a deep understanding of the impact of engineering infrastructure on the social, cultural and economic behaviour of people in cities, towns and rural environments. He brings this mix of technical and arts expertise to all of his work. He has been visiting Moscow since 2008, initially with the British Council where he helped to develop their Future Cities Game. In recent years he has worked with locally based companies, State Development and Citymakers on projects in Zaryadye and ArtKvartal and most recently on Absolut City. His role is to bring clear engineering intelligence along with the understanding of socio-cultural behaviours to the design of buildings, streets, public spaces, parks and infrastructure.

Ben Terrett

Ben Terrett is the Group Design Director at the Co-Operative Group, a British consumer cooperative with a diverse family of retail and businesses including food, insurance, funeral care, legal services and electricals. He is also a governor of the University of the Arts London and an adviser to the London Design Festival. Ben was Director of Design at the Government Digital Services from 2011 until September 2015 where he led a multi-disciplinary design team working across government on GOV.UK. He is currently an investor in Bowndling and Cavendish Keble. Ben has won various industry awards including the Design Museum's 'Design of the Year', and a D&DA Black Pencil. He joined the Cabinet Office when Government Digital Services was set up to deliver the recommendations in Martha Lane Fox's 'Digital by Default' report. He was previously design director at advertising agency Wieden+Kennedy.

Raymond Turner

Raymond Turner is an internationally recognized authority on design leadership and management, and their strategic value to business, government and society. He has worked in the design industry for 40 years as a designer, design manager, consultant and corporate director of design leadership. He is now an independent consultant helping clients realise maximum value from their design investment through strategic design direction and design implementation planning. He works for large corporations and small to medium-sized businesses across a wide range of industries including transportation, local and national government, city planning, public broadcasting, household and leisure product manufacturing, and construction. He is also a non-executive director of Image Now, Ireland's leading branding consultancy.

Paul Watson

Paul Watson is an independent planning and urban design consultant who advises major players in the development industry as well as supporting the Planning Officers Society as a Past President and advising the Department for Communities and Local Government. He is a member of MADE's board and design review panel, an external examiner at the Centre for Urban and Regional Studies at the University of Birmingham, and an occasional guest

lecturer and public speaker. Until February 2013, Paul was the Strategic Director for Regeneration and Development with Solihull Metropolitan Borough Council. His portfolio included strategic and local planning, urban design, development management, economic development, landscape, housing and transport for an area covering Birmingham Airport, National Exhibition Centre, the proposed HS2 line and station, Jaguar Land Rover, North Solihull (a regionally significant multi-sector regeneration project), mature suburbs, growing town centres, countryside and rural villages. Paul practiced in local government for over 35 years and demonstrated at all spatial levels and across a wide spectrum of contexts a commitment to and delivery of proactive and positive planning and urban design. In private practice, he maintains his commitment to finding creative, attractive and pragmatic solutions to planning and urban design challenges and opportunities.

Simon Wright

Simon Wright was appointed Programme Director at Crossrail in July 2014, joining from Network Rail, Infrastructure Projects, where he had been Project Development Director since March 2013. Previously Simon was Director of Venues and Infrastructure at the Olympic Delivery Authority, having been appointed in August 2006, and was responsible for design and delivery of all infrastructure on the Olympic Park as well as the operations of the venues and Athletes Village throughout the Olympic and Paralympic Games.

He graduated in civil engineering in 1976 from Birmingham University and joined Binnie and Partners where he worked on a number of water engineering and dam projects in Sri Lanka, Egypt, Sudan and the UK. In 1984 he joined Mouchel where he ran the water division firstly in the UK and then in Hong Kong. He set up a consultancy business for Mouchel in Thailand. In 1996 he left Hong Kong to join Arup's project management business in the UK and Europe, which he ran from 2003 until he joined the ODA. He is a Fellow of the Institution of Civil Engineers and was awarded an OBE for services to the construction industry in 2012.

Beatrix Young

Beatrix Young is an architect and partner at Farrells, an internationally recognized firm that has designed some of the world's most celebrated and iconic buildings. Beatrix has over 15 years' experience leading multidisciplinary teams and covering a broad range of project types and budgets including new build, refurbishment, residential, civic, and commercial buildings. In recent years she has concentrated on the early phases of projects, managing the feasibility, design, and strategy stages of high value, mixed-use, residential schemes and urban masterplans. These include 466 Edgware Road for Almancantar, Earl's Court original planning applications, and Skylines, a 50 storey residential tower in the Isle of Dogs. Before joining Farrells, Beatrix worked at Lifschutz Davidson Sandilands on the Asticus building, which won 2006's Office Building of the Year award. She also previously worked at SimpsonHaugh and Partners, where she was responsible for the penthouse apartments of No 1 Deansgate, a high profile residential tower in Manchester. In 2003, this was awarded an RIBA National Award. Internationally, she has worked for the Foreign and Commonwealth Office, designing embassies and their associated diplomatic buildings.