



Rich Ford

Project Sponsor

- Leader of sustainable energy generation & strategic utility infrastructure projects
- Outstanding commercial experience and technical ability
- Strong reputation for delivering complex, major sustainability / sustainable energy projects
- Compelling communicator and relationship leader
- Passionate and 'never gives up on making the possible a reality'



Dr Dorte Rich Jorgensen

Associate Project Leader

- Outstanding project leader - Solar PV Energy Generation / sustainable energy
- Established chartered engineer
- Co-ordinator of award-winning sustainable Solar PV Energy Generation & infrastructure approach strategies
- BREEAM accredited professional, BREEAM UK NC 2018 qualified, and CEEQUAL LEED assessor
- Reputation for innovative sustainable solutions and implementation



Eddy Taylor

Associate Design Lead

- Design team leader – Solar PV Energy Generation
- Sustainability and sustainable energy design / development
- Delivery of sustainable and sustainable energy approach strategies
- Specialist in carbon neutrality, building performance and stakeholder relationships
- BREEAM Healthcare / Bespoke assessor / BREEAM accredited



Rich Ford

SUMMARY

Richard has been responsible for delivering wide ranging Sustainable Energy Generation Projects & Utility Infrastructure consultancy services through long term and strategic partnerships for over 30 years.

Richard has outstanding commercial experience and technical ability and has developed a strong reputation for the successfully delivering complex, energy & utility infrastructure projects across market sectors, throughout the USA, UK and Europe.

Richard has worked in partnerships for both public and private sector initiatives, leading diverse teams on long term investment projects.

CREDENTIALS

Post Graduate Degree	Project Management
Diploma	Business Management
HNC	Electrical Engineering
	Business Management
Prince 2	Certification

KEY SKILLS & ACHIEVEMENTS

- Business Co-ordinator / Leader
- Project Management
- Utility Infrastructure
 - Technical
 - Commercial
 - Financial
 - Planning
 - Procurement
 - Project Management
- Independent Certifyer
- Energy Procurement Coordination
- Whole Life / Asset Value Management
 - Energy Auditing / Evaluation
 - Building Services Performance
 - Legislation Compliance



RECENT PROJECT PARTNERS (UK)

SUSTAINABILITY / SUSTAINABLE ENERGY

Innocent Drinks	Sustainability / Sustainable energy & infrastructure strategies – Eurohub – Rotterdam
Isec / Marcol	Thames Enterprise Park Twinwoods
Savills	Didcot Power Station redevelopment Thames Enterprise Park West Midlands Interchange Hub Hinckley Interchange Hub
DB Symmetry	Kettering Biggleswade Milton Keynes
Jaguar Land Rover	Coventry plant redevelopment
St Modwen	Multiple locations UK
IM Properties	Blythe Valley BP Stratford Development – SC Solihull
Couch Perry Wilkes	London Stratford London Gateway Milton Keynes
Biogen	Waste to energy plant developments South Wales Cheshire



Dr Dort Rich Jorgensen
Sustainability Leader Design

A strategic sustainability leader with extensive experience working within world-class and global engineering and design consultancies, including Arup and Atkins.

An established chartered engineer and sustainability consultant with a demonstrated track record in managing client-facing multi-disciplinary project teams to meet and exceed best practice standards on a range of cutting edge and award-winning building and infrastructure designs, including a major airport, London 2012 Olympics, and Chiswick Park.

KEY SKILLS:

- **Strategic leader:** strategic thinker, influence senior stakeholders to enter new markets and create substantial (multi-million pound) income. Skilled at growing teams to meet market requirements.
- **Outstanding experience of sustainability / sustainable energy strategic delivery:** minimise carbon emissions by lowering embedded and operational carbon, reduce waste and materials usage, build community engagement and minimizing environmental impact, knowledge of renewable energy.
- **BREEAM and Environmental Assessments** Am BREEAM Accredited Professional, BREEAM UK NC 2018 qualified, and CEEQUAL assessor, have applied LEED.
- **Effective collaborator** liaison building, collaboration and engagement across disciplines and functions locally and internationally sharing skills, knowledge, and workload.
- **High client focus:** act as company representative with client, public bodies and local authorities providing advice in sustainability, strategic thinking and advisory. Forges strategic partnerships.
- **Thought leader and speaker:** Act as spokesperson and am widely networked in the United Kingdom across industry, professional institutions, academia, and government bodies as a recognised thought leader and as speaker at European level, and author.

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Upper Hexgreave
Farnsfield
Nottinghamshire





Dr Dort Rich Jorgensen
Sustainability Leader Design



Sustainability Experience

Associate – Sustainability / Sustainable Energy / Technical - Leed Associates 2020 -

- Sustainability / sustainable energy project leader in public / private sector projects
- Bid Leader for Sustainability / sustainable energy approach strategies
- Principal spokesperson for Sustainability / sustainable energy on communications platforms and advisories

Founding Director, Holistic Sustainability Ltd 2014 - 2020

- Networking for branding and industry positioning, bidding for and setting up contracts.
- Prepare and ensure the submittal of accounts to company house.
- Negotiating and create legal agreement for secondary employment with primary employer.

Associate - Sustainability and Technical Authority – Atkins Ltd, London, UK 2006 - 2019

Appointed to lead a client-facing Sustainability Team responsible for winning and delivering projects, ensuring profitability, client satisfaction and technical excellence within a leading global design, engineering, and project management consultancy.

Key achievements include:

- Invited as sustainability specialist from a business of 2750 people to report to and advise the Divisional Technical Director (DTD); a board member heading up the Technical Leadership Group.
- Project team leader of Britain's leading sustainability assessment professionals and acted as client representative with BRE. Prepared innovative solutions considering three options on how BREEAM NC2018 and the new CEEQUAL standard could be applied on multi-billion-pound airport across buildings and infrastructure. Recommendations were adopted by the client.
- Created innovative strategic advice to optimise embedding sustainable solutions for multi-billion project.
- Led a London 2012 Olympic North Park infrastructure design team of 150 engineers at project peak and 20 diverse technical specialists, translating client sustainability strategy into embedded solutions on project exceeding sustainability KPI's by 3-fold.

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Sustainability Leader Design

- Sustainability lead of infrastructure design team including utilities, structures, bridges, and highways.
- Instigator, and a member of the development of a Sustainability network, bridging three elements of the business covering infrastructure, buildings, cities, and environment
- Developed sustainability network as: developed draft strategic plan aligned with the business strategy, built knowledge sharing platforms to upskill staff, expanded related service line offerings to clients, input to development of tools, and created collaboration across disciplines.
- Acted as BREEAM AP and completed BREEAM UK NC 2018 pre-assessment for planning application.
- Led on interdisciplinary cities and climate adaptation project as Assignment Director, providing technical assurance including green finance advisory services. This project was commended by the client.
- Influenced the strategic direction of Atkins senior managers to enter a new market of high-speed rail resulting in Atkins becoming delivery partner with a £250-£350 million fee over 10 years.
- Successfully directed the development of innovative sustainable solutions and implementation of specifications, drawings, and sense-checking of new products whilst collaborating with supply chain.

Principal Sustainability Engineer, Capita Symonds, Berkhamsted, 2003 - 2006

- Reported to and worked with directors as Sustainability Champion. Gained buy-in to procure dynamic thermal modelling software TAS and training of BREEAM assessors.
- Acted as building physicist carrying out complex building modelling and successfully lead first sustainability projects delivering RIBA stage C report.

Mechanical Building Services Engineer, Arup, London

1995 - 2002

Worked on various leading edge and multiple award-winning projects across Europe. Reported to a board director and worked with internationally leading architects like Richard Rogers, and I.M. Pei.

- Responsible for the design of mechanical building services systems and ensured correct site operation.
- Design of facades and atriums, together with environmental modelling for energy and carbon feasibility studies of HVAC designs including thermal comfort, wind, and condensation levels. Created design specification package and coordinated drawings for mechanical and/or natural ventilations systems.
- Engaged with foresight development of in-house thermal modelling software development.

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Dr Dort Rich Jorgensen
Sustainability Leader Design



Industry Career Achievements / Recognition

- Published in CIBSE journal, in leading newspapers such as equivalent of financial times.
- Co-author of CIBSE Sustainability guide L: 2020 and acting as steering group member.
- Speaker on YouTube, future learn, prime time television, at press conferences and Eco-build.
- Keynote speaker at European conferences alongside former European Commissioner for Climate Change and for Europe's leading educators
- Appointed member of UK built environment think tank, EDGE alongside leading industry professionals. Developed cutting edge debates bringing together new knowledge.
- London 2012 Olympics learning legacy ambassador and represented the UK to RIO 2016 delegation.
- Expert advisor to All Party Parliamentary Group (APPG) for Excellence in Built Environment and to Energy and Climate Change Committee, on respectively retrofitting housing and flood risk mitigation.
- Client nomination to present work in CEEQUAL to Swedish Government and to inform next version of CEEQUAL. Contributed to instigate that CEEQUAL was adopted in Sweden in 2013.
- CIBSE representative on Construction Industry Council Diversity and Inclusion panel.
- Developing Future Build webinars on a blueprint on acting on climate change covering culture, cities, the future of work, energy, and water.





EDDY TAYLOR

Design Team Leader

SUMMARY

A senior level sustainable energy / solar PV project design team leader with 23 years' experience in public / private sector commercial development

Ambition is to support organisations to enhance their operations by integrating sustainability strategy into their approach and sustainable outcomes into how they deliver, with benefits to customers, the environment and society.

KEY SKILLS & ACHIEVEMENTS

- Collaborating to develop sustainability strategies, designs, programmes and action plans, particularly around solar PV generation projects.
- Engage colleagues / clients in owning sustainability goals and committing to actions, including integration of sustainability data with IT systems
- Leading assessment / development of sustainability credentials and dialogue to support improvements
- Client-relationship management on sustainability priorities
- Sustainability and Sustainable energy project management
- Leading sustainability strategy, engagement and delivery
- Technical Excellence.

PREVIOUS PROJECT PARTNERS INCLUDE

UK Government, Department of Transport, Department for Health, Ministry of Defence, Network Rail, Highways England, TFL, LUL, ORR, Regional Development Agencies, LEP's, Over 100 Councils and Local Authorities, Major Developers, House Builders and Registered Providers, Commercial, Industrial and Retail Developers, Public and Private Specialist Healthcare providers, Education Authorities, Academies, Universities and special needs education providers

CREDENTIALS

Diploma in Management Studies (Distinction)

MSc Environmental Technology (Distinction)

PGCE Secondary Science York University

BA Physics and Philosophy (Upper Second)

Open University 'Project Management' Post Graduate Course (Distinction) – focus on IT projects

BREEAM Healthcare

BREEAM Bespoke assessor

BREEAM Accredited Professional



KEY ROLES & RESPONSIBILITIES

Head of Sustainability and Carbon Management **Laing O'Rourke**

- Led the internal drive towards achieving 'Net Zero Carbon' Buildings, including integration of data / BIM
- Evaluated carbon performance of a range of structural solutions for housing
- Led the development of a portfolio of 'lower carbon and more sustainable products', collaborating with design and engineering colleagues
- Fostered relationships with target clients, consultants and our technical function
- Secured Laing O'Rourke's ISO50001 certification (Energy Management)
- Co-ordinated a cross-functional, senior level Environment Forum to establish the Europe-wide 'Laing O'Rourke Sustainability Roadmap', a set of sustainability targets for 2015 and 2020 on social and
- Represented Laing O'Rourke on the Green Building Council (including the Circular Economy Task Group) and Supply Chain Sustainability School (in co-operation with Procurement function)
- Championed, wrote and presented Laing O'Rourke's application which won Construction News' Sustainable Contractor of the Year 2017
- Developed and engaged our Sustainability Champions Network, running associated sustainability activities and promotions
- Work-winning collaboration on 'Westgate in Oxford' project, which set new standards in sustainability planning and delivery across 45 social and environmental targets
- Defined, and quantified where possible, the environmental benefits of DfMA (Design for Manufacture and Assembly), for internal communication

Environment and Sustainability Director **London Borough of Croydon**

- Delivered the implementation of the first local planning policies in the country to require BREEAM/EcoHomes Excellent standard and sustainable energy systems in major developments
- Key player in the promotional activities and lobbying which ensured national government approval of these policies. As a result, they were referred to in national planning legislation and guidance.
- Developed and integrated the corporate environmental management system, including establishing environmental KPIs and monitoring systems, and chairing cross-departmental governance groups
- Developed in-house recycling systems, energy and water saving measures
- Coordinated external funding, then managed a marketing programme which quadrupled the rate of home insulation in Croydon
- Set up and managed the use of an internal loan fund to install energy saving technologies in Council properties.
- Established a new environmental support network (ENVIBE) for local businesses, helping 500+ companies save through environmental improvements
- Improved Croydon's environmental procurement policy and its implementation
- Won the London Mayor's Environmental Procurement Awards 2005 'Best Public Sector Organisation'