

Speakers – Energy visualisation: Lessons learned from the eViz project



Stephen Sheppard is a Professor at the University of British Columbia. He received a BA/MA in Agricultural and Forest Sciences at Oxford, a MSc in Forestry at UBC, and a PhD in Environmental Planning at UC Berkeley. He directs the Collaborative for Advanced Landscape Planning (CALP), an interdisciplinary research group using perception-testing and immersive/interactive visualization to support public awareness and collaborative planning on sustainability issues.

He has over 30 years' experience in environmental assessment and public participation internationally. He has (co-)written two books on visual simulation. Current research interests lie in perceptions of climate change, the aesthetics of sustainability, and visualization theory and ethics.



Alba Fuentes is an Associate Professor in Construction Engineering and Management in the School of Architecture, Design and Environment at Plymouth University. She is an expert in the design and construction of low energy buildings, with a particular interest in those aspects of the construction phase that affect the life time performance of buildings. Dr Fuentes is currently the Principal Investigator of the Horizon 2020 project "Energy Game for Awareness of energy efficiency in social housing communities (EnerGAware)".

She has participated in a number of European, UK and Spanish research projects, including the early stages of the energy projects: SEAM4US - Sustainable Energy Management for Underground Stations (FP7) and ENCOURAGE - Embedded Intelligent Controls for buildings with Renewable generation and Storage (JTI-CP-ARTEMIS).



Michael Harrison is head of benefits and evaluation at the Smart Metering Programme within the UK Department of Energy and Climate Change. He has been involved in a wide range of activities aimed at improving the use of evidence in environmental policymaking over the last 12 years, including leading the development of Defra's first strategy for evidence and innovation, and responsibility for the finalisation of the EDRP project (major GB smart metering trials 2008-11). His current role includes leading research and analysis to inform policy on smart metering, which is due to be rolled out to all GB households and smaller businesses by 2020. He is particularly interested in understanding and maximising the contribution that the social sciences can make to informing the policy making process and ensuring that government interventions deliver positive results for society.





Mark Wray is a Chartered Civil Engineer and Lead Technologist for Innovate UK in the Built Environment team – responsible for the programme management of the Design for Future Climate Change, Invest in Innovative Refurbishment, Localised Energy Systems and Digital Design & Engineering Programmes. Mark has expert knowledge of the challenges of delivering buildings and infrastructure fit for our changing futures. Prior to this new venture Mark spent 7 years as the sustainable construction lead at the SW Regional Development Agency after 10 years in private practice in the infrastructure sector (mainly water). Mark has kept a balanced approach to his professional development with specialist cutting edge experience in sustainable development, whole life carbon management, renewable energy technologies, programme and project management and in depth knowledge of the vagaries of public sector delivery.



Rob Pannell is the Managing Director at the Zero Carbon Hub, a role to which he brings a wide range of knowledge regarding sustainability, innovations, technology prototypes, trials and solutions.

Prior to joining the Zero Carbon Hub, Rob was a senior figure in the construction industry with over 35 years of experience with Taylor Wimpey UK Ltd. where he held a series of senior level roles, most recently as UK Director of Production (construction and design). Within this position Rob investigated and established a cost base and technical compliance of practical renewable energy and building fabric solutions to meet the various UK government policies.



Glenn Goodall is the Portfolio Manager for Energy Efficiency, Urban Living, Wind Power and Marine Energy within the Research Councils UK Energy Programme at EPSRC.

Glenn Goodall is new to the EPSRC, joining in 2014, prior to this he worked in digital marketing within the construction industry. He has a MSc in Chemistry from King's College London and a PhD degree in Polymer Chemistry from the University of Reading. In addition, Glenn has carried out postdoctoral research in the fuel cell membrane, hydrogel fields and work in industry at ICI (as was).

