

## **Metrotidal**

### **David Cook MA(Hons) DipArch(Cantab) RIBA**

After completing his architectural training at Cambridge, David Cook spent five years in New York working on a wide range of commercial and residential award winning projects. Whilst in the United States he taught architecture at Carnegie Mellon University in Pittsburg. He is now principal of David Cook Architects which specialises in residential, educational and institutional projects as well as Historic Buildings work. His practice has completed prestigious commissions for Dulwich College, Harrow School, The Palace of Westminster, Country Houses Association and The Royal Institute of British Architects.

### **Dipl.-Ing.(Fh) Matthias Hamm AADipl ARB AKH**

Matthias Hamm has architecture diplomas from the Fachhochschule Trier, Germany and the Architectural Association in London. He is director of spaceAgent Architects based in London and Barcelona, with architectural projects throughout Europe with a strong emphasis on design and sustainability. He is an inventor of a number of high-tech housing and building systems with focus on prefabrication and mobility and is involved in IT and mobile phone technology. Other involvements have been the development of textile architecture and business concepts. He also has a wider interest in the interaction of politics and the built environment.

### **Mark Willingale MA(Cantab) AADipl RIBA**

After graduating from Cambridge and completing his diploma at the Architectural Association, Mark Willingale formed Willingale Associates, Architects and Development Consultants, focusing on commercial and residential developments in Central London. His practice undertakes a wide range of conversion and refurbishment work, while also advancing the conception and feasibility of larger scale, mixed-use projects through to planning. He has broad experience of planning and design procurement having served on consultative bodies, chaired local amenity groups and advised on planning policy at public enquiries

Tom Delay, chief executive of the Carbon Trust, said:

*"The UK must urgently diversify, decarbonise and secure its energy sources and marine energy could over time provide up to 20% of the UK's electricity. Generating electricity from the UK's powerful wave and tidal resource not only plays a crucial role in meeting our climate change targets but also presents a significant economic opportunity for the UK. Wave alone presents a £2 billion economic opportunity for the UK."*

## **Suggested Themes and Questions (on the next page)**

## **Suggested Themes and Questions**

1. Could you please introduce yourselves and your organisation.
2. Could you explain the process of tidal pumped storage.
3. Where in Kent are there opportunities for pumped-storage tidal pools?
4. What is the capacity of the tidal and wind power proposed for Kent – will it, for example, provide any additional capacity for the grid?
5. Could you briefly outline your proposals for a multi-modal tunnel under the Thames, concentrating on the plans to utilise renewable energy within the project.
6. We are interested in identifying ways to maximise benefits to Kent residents and businesses from the development of renewable energy and other low carbon technologies - what benefits in terms of "Green Growth" do you believe the tunnel could bring to Kent?