Bill Dunster, Principal, ZEDfactory, UK

Bill set up ZEDfactory in 1999. As a practice ZEDfactory's projects demonstrate a step change reduction in carbon footprint can be achieved at the same time as an increase in overall quality of life. ZEDfactory has experience working on a large range of architectural projects varying in size from large scale masterplanning to small residential refurbs. ZEDfactory has worked in Brazil, China, Korea, the Middle-East and Portugal as well as the UK, with particular emphasis on the holistic integration of zero carbon thinking into the place-making and transportation agenda.

Bill has taught at the Architectural Association, University College London, Kingston University, Harvard and EPFL in Lausanne. He also gives lectures, conducts workshops and speaks regularly at conferences globally as well as within the UK. He is currently a Visiting Professor of Zero Carbon Urbanism at UCL and at Cardiff University.

The 'ZEDbook' was co-written by Bill with eco footprint expert Craig Simmons and building physicist Bobby Gilbert – a manual for achieving zero carbon development at different densities and scales - which won the RIBA Research Award in 2008.

In 2010 Honours list Bill received the OBE for services to Sustainable Housing Design.
ZEDfactory as a practice demonstrates in its projects a step change reduction in carbon footprint can be achieved at the same time as an increase in overall quality of life . Synchronising a zero carbon, zero waste lifestyle, and work style by the use of urban Zero fossil Energy Developments with Zero fossil Energy Farming and food distribution.

ZEDfactory has developed its own building physics models adapted to different climatic regions and its own low cost bulk purchasing supply chain with specially developed energy efficient and building integrated renewable energy systems. This has been achieved with joint ventures such as HiminZED, a partnership between ZEDfactory and Himin Solar Ltd, a company that provides low cost PV with translucent or solid backing and evacuated solar hot water panels.

The architectural practice specialises in evolving a contemporary zero carbon vernacular and has completed a range of mixed use building typologies responding to different density requirements.