

Hüdaı Kara BSc MSc DPhil

Dr Hüdaı Kara has over 20 years of combined experience in life cycle assessment (LCA), carbon footprint and management, low carbon sustainable technologies, critical metals research in energy generation supply chain, materials security, waste management, and research and development covering industries from metallurgy to materials, chemicals, textiles, buildings, and energy. He is founder and Managing Director of [Metsims Sustainability Consulting](#), a pan-European sustainability consultancy based in Oxford and Istanbul.

A materials scientist by training, previously Dr Kara worked at Bath University as Research Fellow, at Johnson Matthey Technology Centre as Senior Scientist and at Oakdene Hollings as Technical Consultant advising UK DEFRA, DfT, WRAP and many private clients on sustainability, materials security, critical materials, resource efficiency, carbon, and waste management.

Dr Kara is internationally known expert in Life Cycle Assessment, carbon footprint and database development including global textile, apparel and footwear for PEF for the EU Commission, [Turkish Life Cycle Inventory Database](#) and [Global Construction Products LCI/EPD Database](#). He is also expert Evaluator for EU funding streams, sits on the Technical Advisory Board for European Commission on Product Environmental Footprint (PEF) and at technical committee of the Int. EPD System overseeing standard development for product sustainability assessment. He is expert in Environmental Product Declarations (EPD) and global verifier with over hundred references.

Author of over dozens of scientific papers with over 1100 citations and h-index of 12, Dr Kara has a Doctor of Philosophy in Materials Science from the University of Oxford.

