

Karen Scrivener

Karen Scrivener has been Professor and Director of the Laboratory of Construction Materials in the Department of Materials of EPFL (Ecole Polytechnique Federale de Lausanne) for the last 20 years. She is a Fellow of the UK Royal Academy of Engineering and author of over 200 journal papers.

Her research focusses on the understanding the chemistry and microstructure of cement based materials and improving their sustainability. In 2008, she came up with the idea for LC3 cement, this material has the potential to cut CO₂ emissions related to cement by more than 400 million tonnes a year.

She received her bachelor's degree in Materials Science from the University of Cambridge in 1979 and her PhD from Imperial College London in 1984.