

SIM MaRes event – Keynote speaker – Prof. Karen L. Scrivener

The LC3 project – a viable solution for large scale production of low carbon cement



Karen L. Scrivener is a world-leading material chemist known for her pioneering works in cementitious materials. She is the head of Laboratory of Construction Materials at Ecole Polytechnique Fédérale de Lausanne and has served as the Editor-in Chief of the Cement and Concrete Research journal for 15 years.

Karen Scrivener plays an active role in promoting **sustainable low-carbon cements**. She co-authored a UNEP reference report summarizing the main conclusions on the most viable low-CO₂, eco-efficient cement-based materials for the future of construction.

In collaboration with the Universidad Las Villas of Santa Clara, IIT Delhi, the Swiss Development and Cooperation and many international cement producers, she developed the **LC3 project** (Limestone Calcined Clay Cement) to produce a new type of low cost and low carbon cement.

At the **SIM MaRes open meeting** prof. Scrivener will present the LC3 technology and shed light on what it takes **to successfully bring a major materials innovation to the global market**.



LC3 project – demo house - India