



LC³ Information Day in Hong Kong

Limestone Calcined Clay Cement (LC³) is a new type of cement that is based on a blend of limestone and calcined clay. LC³ can reduce CO₂ emissions by up to 30%. It is made using limestone and low-grade clays which are available in abundant quantities and is cost effective and does not require capital intensive modifications to existing cement plants. There has been a tremendous progress in bringing LC³ technology from the laboratory to the field in the past few years and several industrial trials of the cement have been carried out. The cement is also on track to be standardised and commercially produced in several countries.

The LC³ Information day at the Hong Kong University of Science and Technology, was organised on 5th August, 2018, to provide a platform for all stakeholders, including cement companies, equipment manufacturers, construction companies, government agencies, non-government organisations, researchers and other stakeholders to interact and get updated on the development of LC³. Dr. Soumen Maity, Team Leader from Technology and Action for Rural Advancement (TARA), a social enterprise of the DA Group, during the session on 'LC³ and Environmental Policies', spoke on 'Country experiences and introduction to Technical Resource Centres (TRCs)', which highlighted the experience of India in the field of LC³ and introduced TRC to the world.

The LC³ Technology Resource Centre (LC³TRC) in India has been set up by TARA, with the purpose of providing access to state-of-the-art knowledge on LC³ and related products to industries and academia.

The centre is also equipped to supply LC³ based certified materials to research institutions. Research partners of LC³TRC include premier research institutions such as Indian Institute of Technology Delhi, Indian Institute of Technology Madras, Indian Institute of Technology, Bombay and École Polytechnique Fédérale de Lausanne (EPFL), Switzerland. Implementation partners include Centro de Investigación Desarrollo de Estructuras Materiales (CIDEM) Cuba and TARA, India. Industrial collaborators include J.K. Lakshmi Cements Ltd, Dalmia Bharat Cements Ltd and Supertech Ltd. The Information day witnessed participation from eminent cement companies of the globe. Hence, introduction of LC³TRC in this global platform, not only added value to the visibility of LC³TRC, but is also paving a path towards a resource efficient world with greener future.