

## LC<sup>3</sup> Information Day in Kathmandu, Nepal

**T**ARA (Technology and Action for Rural Advancement), New Delhi organised an Information Day event in Kathmandu, Nepal with strong support from the Nepal Cement Manufacturers Association (NCMA), MinErgy, and Institute for Integrated Development Studies (IIDS) on 24 November, 2022.

The objective was to communicate the technical, environmental, operational, and financial advantages of an innovative ternary cement made with a combination of clinker, calcined clays, and limestone (LC<sup>3</sup>). With the participation from officials of the Department of Mines and Geology, Department of Industry, Nepal Bureau of Standards and Meteorology, Cement companies, and other multi-lateral organisations, the event shared the progress of LC3 in India and other countries.

The Chief Guest, Dr Toya Narayan Gyawali, Secretary, Ministry of Industry, Commerce and Supplies, Government of Nepal, said “The benefits of Limestone Calcined Clay Cement (LC<sup>3</sup>) are supportive and instrumental for the Nepal Cement Industry and there is a fare interest of the Government of Nepal in taking this forward”.

Ms Silvana Hogg, Deputy Head of Mission, Embassy of Switzerland, Nepal, addressed the audience and shared the role of the Swiss Agency for Development and Cooperation (SDC) in supporting the research and dissemination of the technology. Prof Karen Scrivener, École polytechnique fédérale de Lausanne (EPFL), gave the keynote address and provided details about the technology.

Shri Dhruba Thapa, President, NCMA added, “LC<sup>3</sup> is a perfect example of how international collaboration can rapidly bring sustainable technologies from the laboratory to the market. The cement companies in Nepal are interested in adopting the technology and knowing the feasibility of kaolinitic clays”.

The event witnessed great interest from the audience during the technical session, wherein Prof Shashank Bishnoi, IIT Delhi shared the technical relevance of LC<sup>3</sup>. Prof Radhakrishna Pillai from IIT Madras, shared the details on performance of LC3 in concretes.

Elaborating on the need for sustainable construction materials, Dr Soumen Maity (TARA, New Delhi) shared the techno-economic feasibility of LC<sup>3</sup> and the possible resource availability in the Nepal region. To showcase the experience from cement industry, Dr S.K.Saxena , Sr Vice President (Works) at JK Lakshmi Cements Ltd., Sirohi, Rajasthan joined the event virtually. The event ended with a fair amount of motivation towards



The TARA team at the LC<sup>3</sup> Information Day event in Kathmandu, Nepal



Dr Soumen Maity along with other dignitaries at the event



A large audience in attendance at the event

adoption of the technology by the government and cement industries alike and initiating the feasibility studies for the raw materials in Nepal.

Here are the links to some of the news features about the event -

Publication	Headline	Link	Date
Nepal Purbadhar	सिमेन्ट उद्योगका लागि एलसी 'थ्री' प्रविधि सस्तो र वातावरणमैत्री: विज्ञ	<a href="https://nepalpurbadhar.com/11855/">https://nepalpurbadhar.com/11855/</a>	25.11.2022
The Rising Nepal	Cement industry seeks support to boost demand, export	<a href="https://risingnepaldaily.com/news/19126">https://risingnepaldaily.com/news/19126</a>	25.11.2022
The Nepal Weekly	LC <sup>3</sup> cement technology can contribute to climate change and environment friendly	<a href="https://thenepalweekly.com/2022/11/29/13512/?fbclid=IwAR3_MUBVu1mYloFNjaqSuNTGvQp2mXdQGgXbupVgRTXonMOZR G1Z4AypxKo">https://thenepalweekly.com/2022/11/29/13512/?fbclid=IwAR3_MUBVu1mYloFNjaqSuNTGvQp2mXdQGgXbupVgRTXonMOZR G1Z4AypxKo</a>	29.11.2022
Business360	TARA, New Delhi holds event to share progress of LC <sup>3</sup>	<a href="https://b360nepal.com/tara-new-delhi-holds-event-to-share-progress-of-lc3/">https://b360nepal.com/tara-new-delhi-holds-event-to-share-progress-of-lc3/</a>	28.11.2022