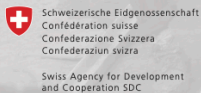


LC³-Information Day

A green cement for Sustainable Development

9:00 am – 03:30 pm
30 August 2022

Shaw Foundation Alumni House, NUS



www.lc3.ch

Objective:

Singapore is under constant upgrade towards a greener city of tomorrow. Its construction sector, though extremely active, faces many challenges. Construction material accounts for 7 million tons, out of 52 million tons total CO₂ emission per year in Singapore. The generated earth-based wastes such as marine soft clay demand space for disposal. The durability of reinforced structure is threatened by the changing tropic climate. The purpose of this event is to invite policy makers, industrial players and academic researchers to discuss a holistic solution to these challenges, through the development of a novel construction material named LC³, tailored for these challenges in Singapore and in the region.

Preliminary program of the seminar:

9:00 – 9:30	Coffee networking	
9:30 - 9:40	Introduction	Prof. Karen SCRIVENER, EPFL
9:40 – 9:50	Opening remarks from Embassy of Switzerland in Singapore	TBD
9:50 – 10:10	Steps towards Decarbonization of the Built Environment	Mr. Alvin TAN, Singapore Green Building Council
10:10 – 10:30	Choice of sustainable materials for designing durable concrete	Dr. Jinping LU, ACI Singapore Chapter
10:30 – 11:00	LC ³ introduction	Prof. Karen SCRIVENER, EPFL
11:00 – 11:30	Experiences on making LC ³ -concrete	Prof. Shashank BISHNOI, IIT Delhi
11:30 – 12:00	Coffee break	
12:00 – 12:30	Financial attractiveness and environment benefits of LC ³	Anne DEKEUKELAERE, Cementis
12:30– 13:00	Research of Singapore marine clay and LC ³ in NUS	Assist. Prof. Guoqing GENG, Assoc. Prof. Sze Dai PANG, NUS
13:00 – 14:00	Standing lunch	
14:00 – 15:30	Free Q&A; panel discussion	
15:30	End of the event	

Information and registration: go on <https://lc3.ch/event/lc3-info-day-singapore/>