



# Soumen Maity

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Dr. Soumen Maity is the Chief Technical Officer, TARA. He is a Material Scientist by profession and currently leads the Technology Management business at TARA. Soumen is with TARA over a decade anchoring the interface between innovation and business. At one hand he guides and mentors the Clean Technology systems at the Development Alternatives Group, on the other, he also leads the incubation of developed technologies at TARA. His expertise lies in the building material sector wherein he has been instrumental in exploring commercial approaches to utilization of industrial waste, improving energy efficiency and reducing environmental emissions.

He was instrumental in shaping the VSBK programme (technical) from a firing technology to an entire brick production system encompassing soil selection, testing and suitability for use in VSBK technology. Science of soil behaviour in short cycle firing (VSBK) and engineering of green brick mixes for optimum quality in VSBK. He undertook feasibility studies for introduction of cleaner brick production practices in Nepal, Afghanistan, Vietnam, Indonesia and Bangladesh. At present he is advising Government of Bangladesh and introducing cleaner brick production practices and technologies for improvement of environment quality throughout Bangladesh. Developed local expertise and networking capabilities for technology anchoring and dissemination.

- About: <https://www.tara.in/Our-People.aspx>, <https://lc3.ch/>
- Suggested Reading: Bishnoi, S., Maity, S., Mallik, A., Joseph, S., & Krishnan, S. (2014). Pilot scale manufacture of limestone calcined clay cement: the Indian experience. *Indian Concr. J*, 88(6), 22-28.