



It's All Relative: Romy, Kayzad and Rooshad Shroff
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Sharanam is built entirely out of unfired earth



"A LINEAR APPROACH TO CONSTRUCTION HAS RAW MATERIAL, CAPITAL AND LABOUR AS THE INPUT, AND BUILDINGS, HIGH CARBON EMISSIONS AND WASTE AS THE OUTPUT. BUT A CYCLICAL PROCESS ENSURES THAT THE WASTE OF ONE PROCESS BECOMES THE WEALTH OF ANOTHER"

WHO
 THE AUROMA GROUP,
 PUDUCHERRY

Imagine a huge, vaulted, almost-paper-thin roof constructed without any support underneath it. At Sharanam Centre for Rural Development near Puducherry, Doshi used an innovative optimisation technology to build this roof with one of the heaviest materials—earth. What would otherwise be five feet thick and built with 10,000 bags of cement was optimised to be a mere 4 inches at the key stone, using only 33 bags of cement. It was featured on the cover of United Nations Environmental Programme report on sustainable building. >