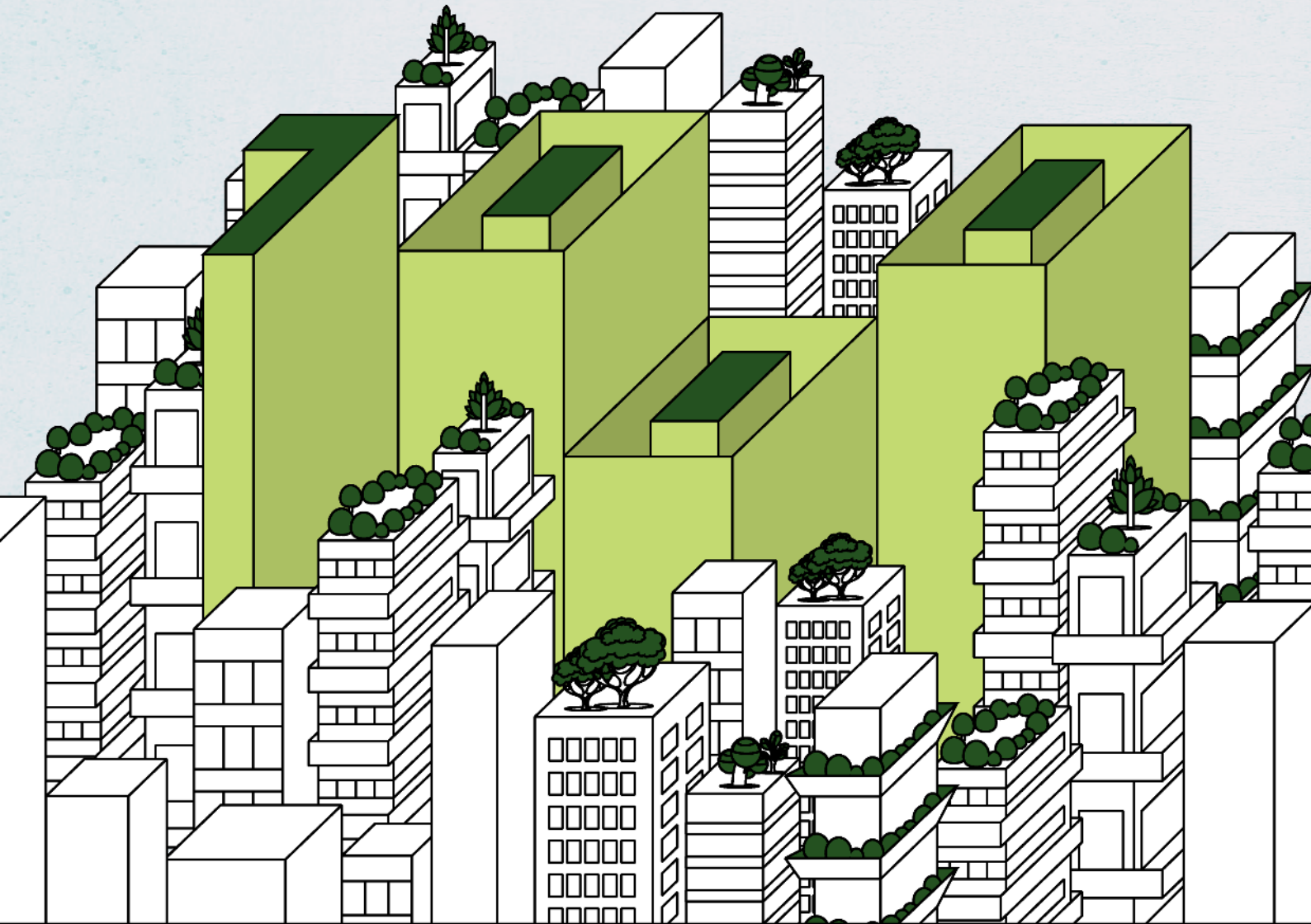


P*i*llars

WE SHAPE A **SAFE**, **HIGH QUALITY**, **SUSTAINABLE** AND **FRIENDLY** BUILT ENVIRONMENT | ISSUE 02/FEB-MAR 2012



BCA CELEBRATES 1000TH GREEN BUILDING MILESTONE

R&D IN GREEN BUILDINGS

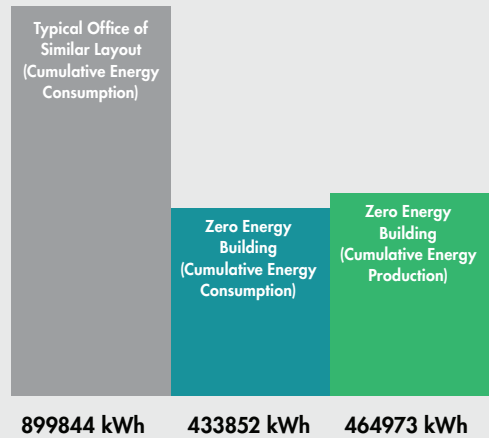


Zero Energy Building @ BCA Academy

BCA's Zero Energy Building (ZEB @ BCA Academy), is South-East Asia's first Zero Energy Building that was successfully retrofitted from an existing building. The building has achieved a net zero energy consumption for two consecutive years, despite its load increasing year on year. The ZEB @ BCA Academy is 50% more efficient than a conventional office building of similar space usage and operating hours, and is a platform for test-bedding new and innovative green building technologies.

From Oct 2009 to Feb 2012

The ZEB produces more energy than it consumes for two consecutive years.



241,786kg
CO₂ REDUCED

"The successful completion of this research project has brought more than 4000 local and overseas visitors to visit the building. I hope this will help to promote sustainable construction especially to the younger generation and encourage our stakeholders to embrace the use of RCA in their development projects."

DR HO NYOK YONG,
SAMWOH CORPORATION PTE. LTD.



Samwoh Eco-Green Building

SamWoh's Eco-Green Building is the first of its kind to be constructed using 100% Recycled Concrete Aggregates (RCA) for various structural concrete applications.