

REALISING SINGAPORE'S GREEN BUILDING DREAM

TOWARDS A FUTURE-READY BUILT ENVIRONMENT



Chapter Two: Applauding the Innovators

1ST TO USE 100 PER CENT RECYCLED CONCRETE AGGREGATE IN THE REGION



Reducing construction and demolition waste with innovative use

Every year, about 2 million tonnes of construction and demolition waste is generated in Singapore and its disposal poses a great environmental challenge. Hence, Samwoh Eco-Green Building is the first building in the region to be constructed using up to 100 per cent recycled concrete aggregate, which is derived from such waste in structural concrete. In addition, the building is furnished with perforated cladding to limit heat gain, a VRV 3 air-conditioning system as well as T5 artificial lighting for energy efficiency. Certified water-efficient sanitary ware and a regulated irrigation system are among the equipment installed to conserve water.

SAMWOH ECO-GREEN BUILDING

Green Mark Platinum Award 2010 / 2014

Client / Developer
Samwoh Corporation
Pte Ltd

Architect
CLLA Architects

M&E Engineer
YP Ng & Associate
Engineers

Structural Engineer
TP Seow Consultants

Quantity Surveyor
Samwoh Corporation
Pte Ltd

Main Contractor
Megastone Holdings
Pte Ltd

Facility Management
Samwoh Corporation
Pte Ltd

