

Zero Energy Buildings in Singapore

33rd APEC EGNRET Meeting
Chinese Taipei, 5-6 Oct 09



Summary of presentation

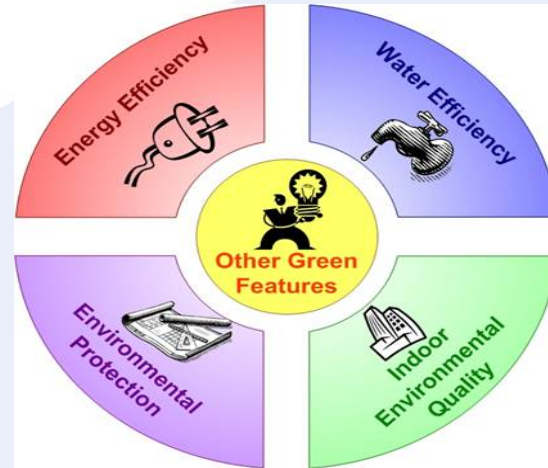
1. Green Mark Scheme

2. Zero Energy Building



Green Mark Scheme

Green Mark
Scheme



Zero Energy
Building

- To drive construction industry towards environmentally friendly buildings
- To identify best practices with emphasis on energy efficiency
- To recognise efforts of 'Green' developers
- Financial incentives are in place to co-fund new and existing buildings to improve energy efficiency

Target for Green Buildings

**Green Mark
Scheme**

SUSTAINABLE SINGAPORE

A Lively & Liveable City

- Singapore's target is to have 80% of existing building stock to achieve the Green Mark certification by 2030

**Zero Energy
Building**



Singapore's Zero Energy Building (ZEB)

**Green Mark
Scheme**

- Singapore's 1st ZEB project is to showcase & test-bed green building technologies

- Designed to generate as much electricity as it consumes through renewable energy

**Zero Energy
Building**

- And 60% more efficient than normal buildings
- Targeted to be completed by end-2009



Future efforts in Zero Energy Building (ZEB)

Green Mark Scheme

- Results of the 1st ZEB project will be evaluated for future green building projects
- We would be able to share the recommendations of the ZEB facility in 2010

Zero Energy Building

- Singapore will be hosting the inaugural 'International Green Building Conference from 26-30 Oct 09



Thank You