

UNEP – SBCI 2012 AGM and Symposium
 Resource Efficiency and Green Economy: Opportunities for Sustainable Buildings and Cities

Regional Study

A study on sustainable building policies
 on EE for SEA

Ang Kian Seng
 Executive Director
 BCA Centre for Sustainable Building

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MOU signed between UNEP and BCA

BCA Centre for Sustainable Buildings
A Centre Collaborating with UNEP

FIRST in Asia
ONE of the few
 collaborating centres
 with UNEP



A Centre Collaborating with UNEP

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Capacity Building & Job Opportunity

Collaborations amongst SEA countries on SB initiatives

Connectivity into International Network

Information Sharing & Outreach

3

REGIONAL STUDY

9 Southeast Asian countries studied

2 phases

Brunei Darussalam

Cambodia

Malaysia

Myanmar

Indonesia

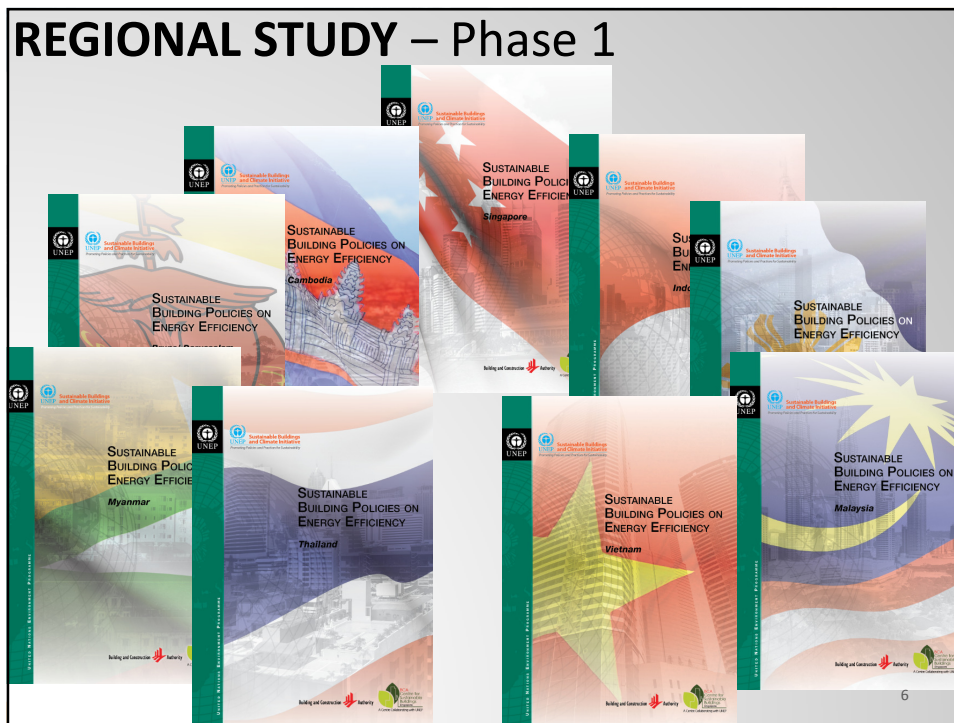
Thailand

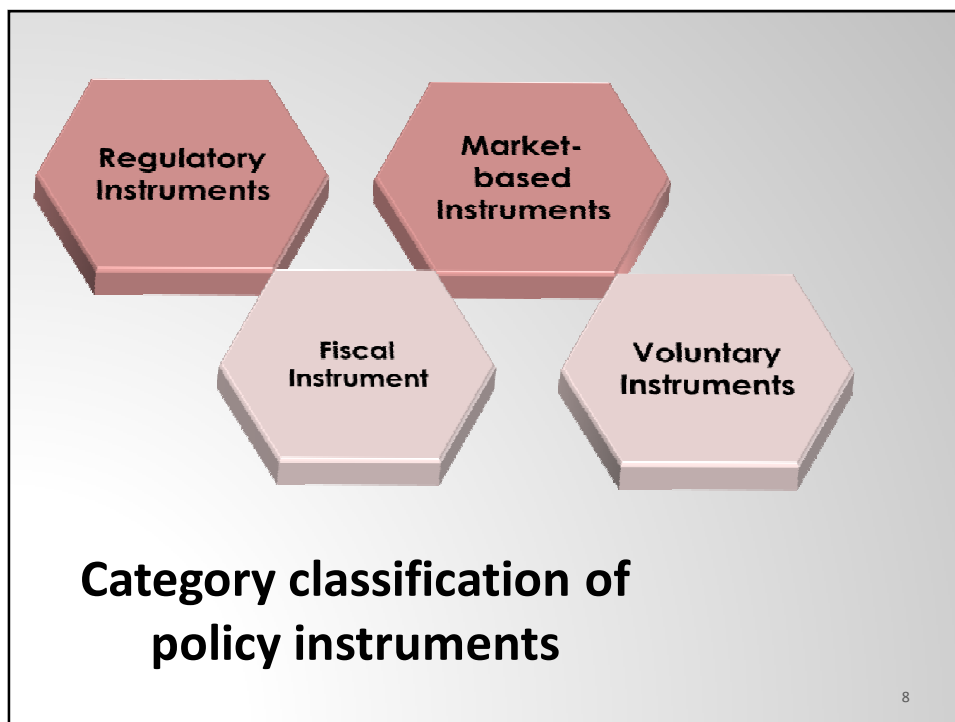
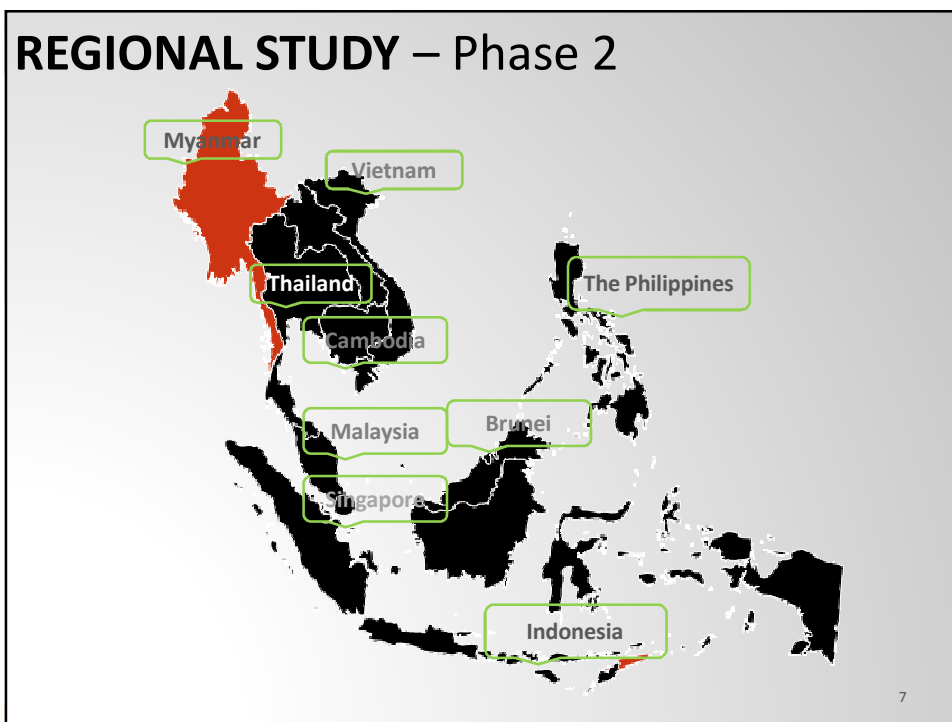
The Philippines

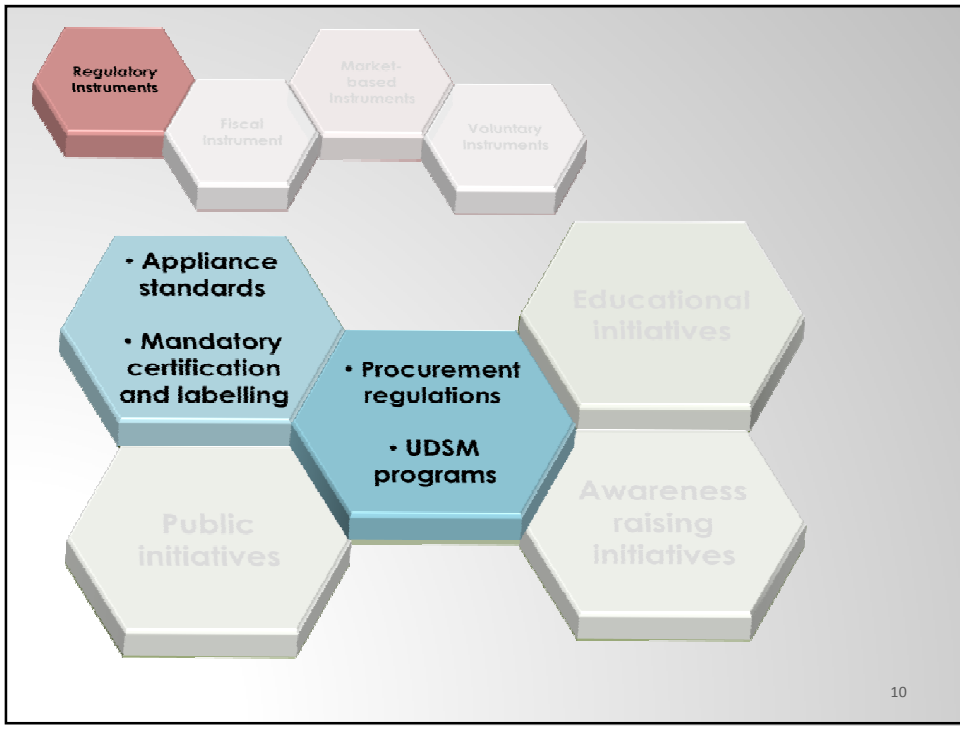
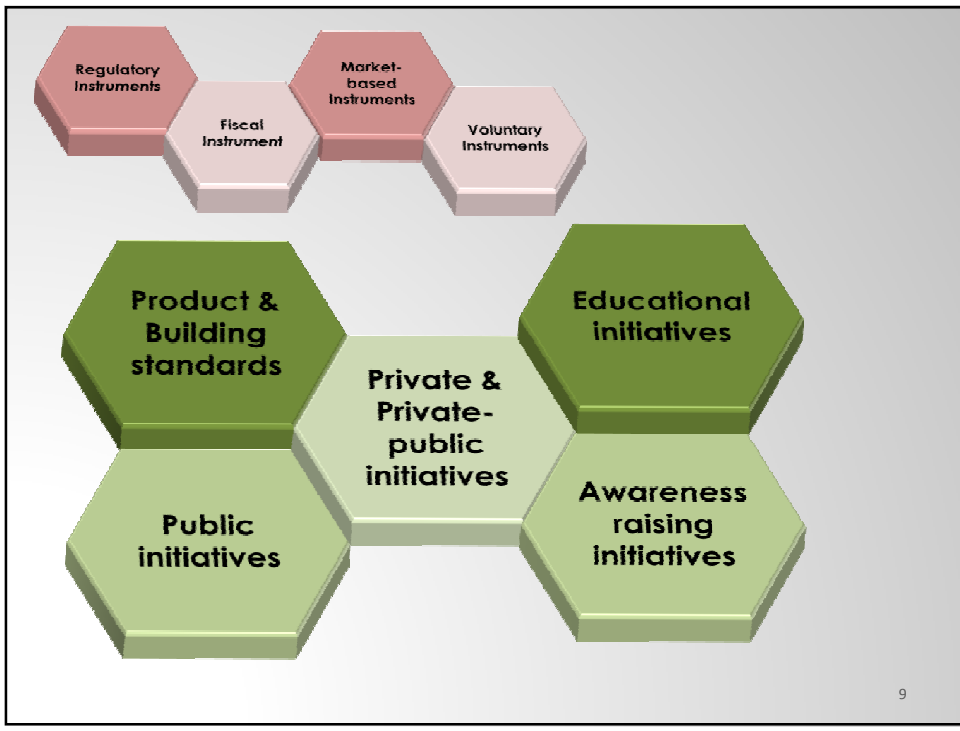
Singapore

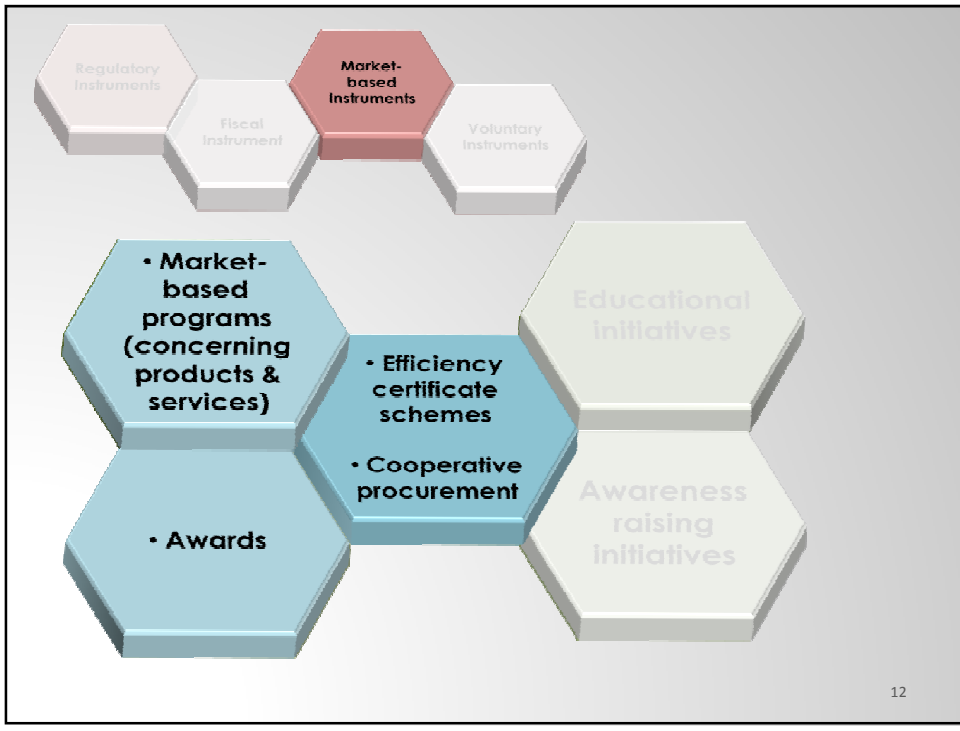
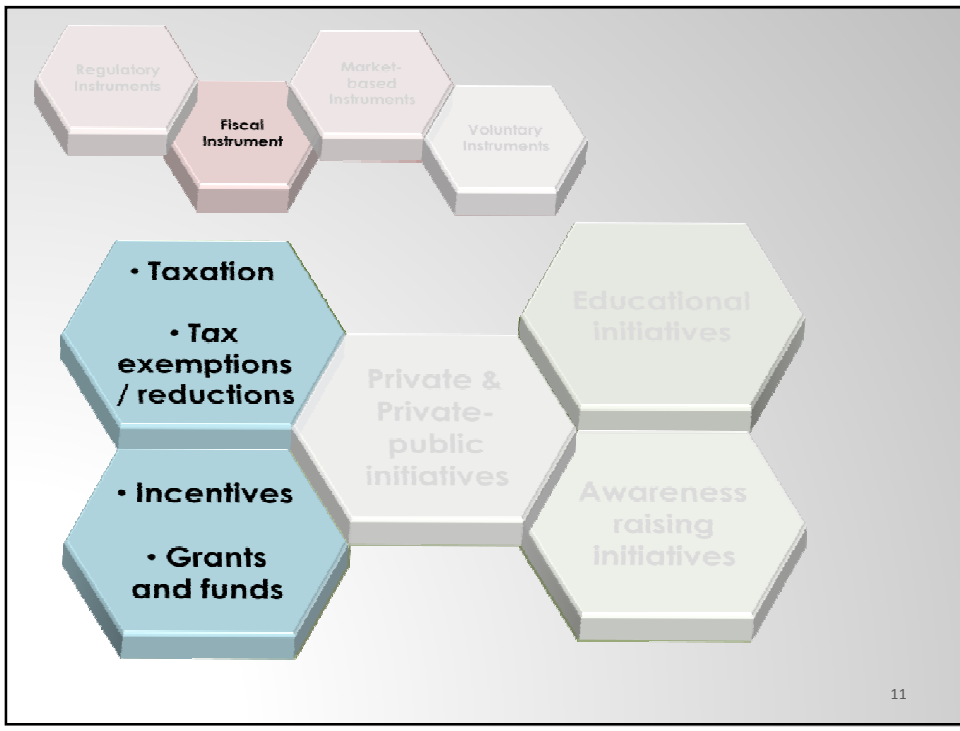
Vietnam

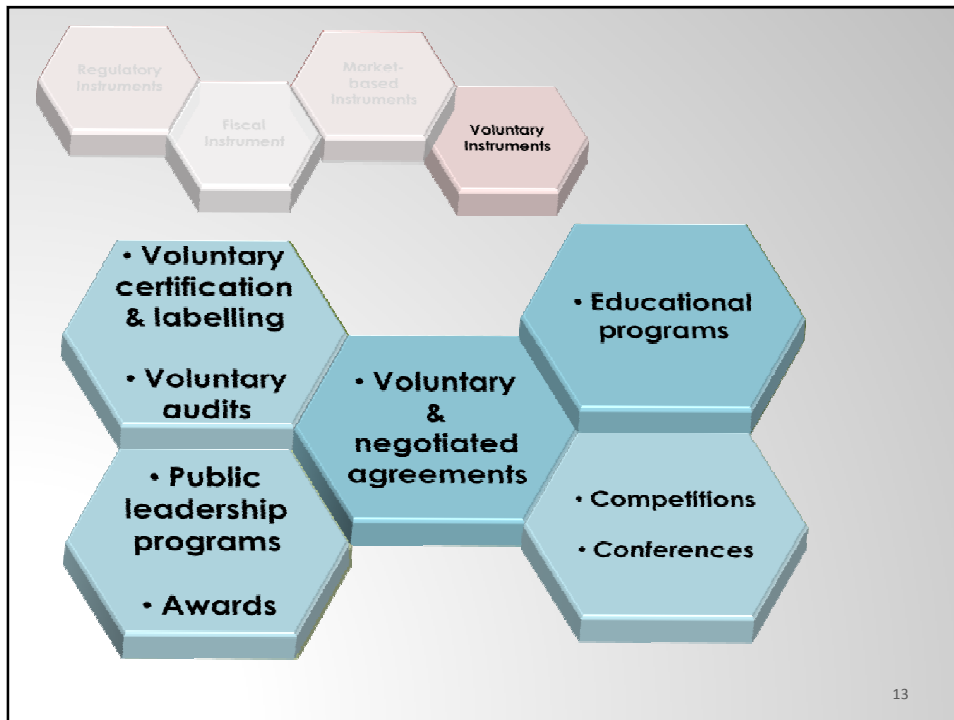
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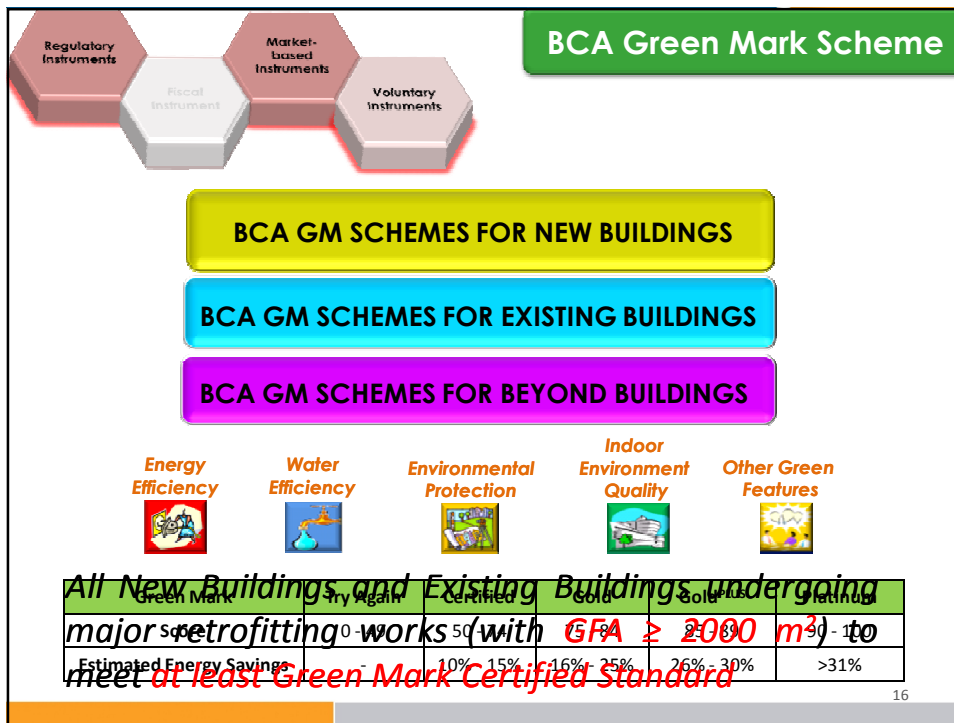
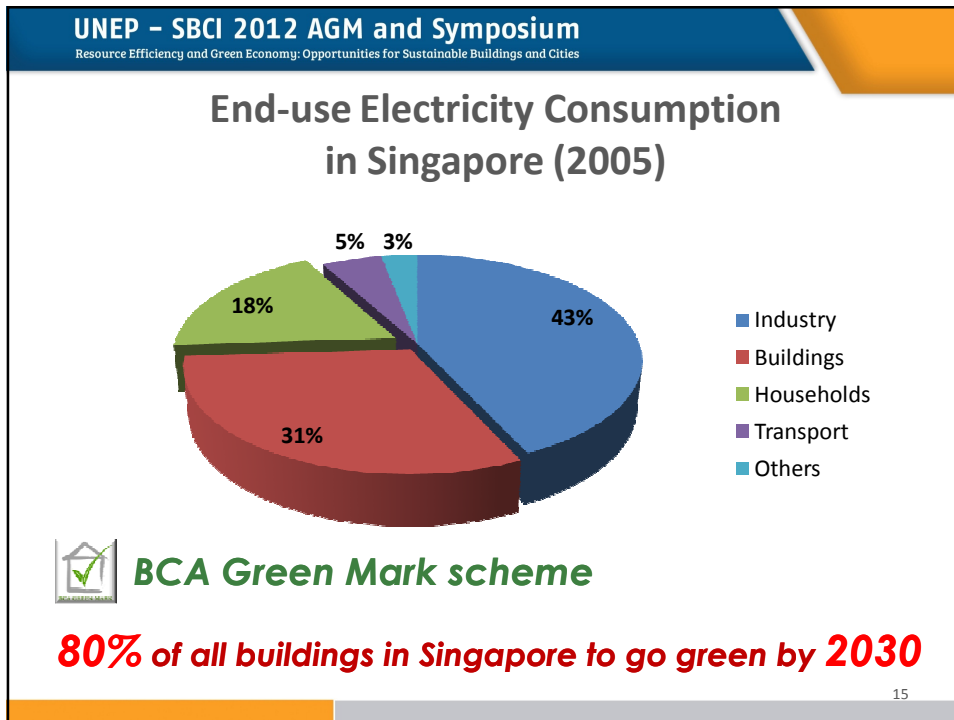
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❖ 712 km²

❖ 5.1 million people

❖ Dependent on resource imports

14



Regulatory Instruments Fiscal Instrument Market-based Instruments Voluntary Instruments

BCA GM Award Type	Green Cost Premium (%)	Payback Period (years)
Platinum	2 – 8%	2 – 8 yrs
Gold Plus	1 – 3%	2 – 6 yrs
Gold	1 – 2%	2 – 6 yrs
Certified	0.3 – 1%	2 – 5 yrs

\$20 mil for New Buildings

Strengthening the Business Case

Government Incentives

Regulatory Instruments Fiscal Instrument Market-based Instruments Voluntary Instruments

Financial institutions to provide loans to building owners and energy services companies for building energy retrofits

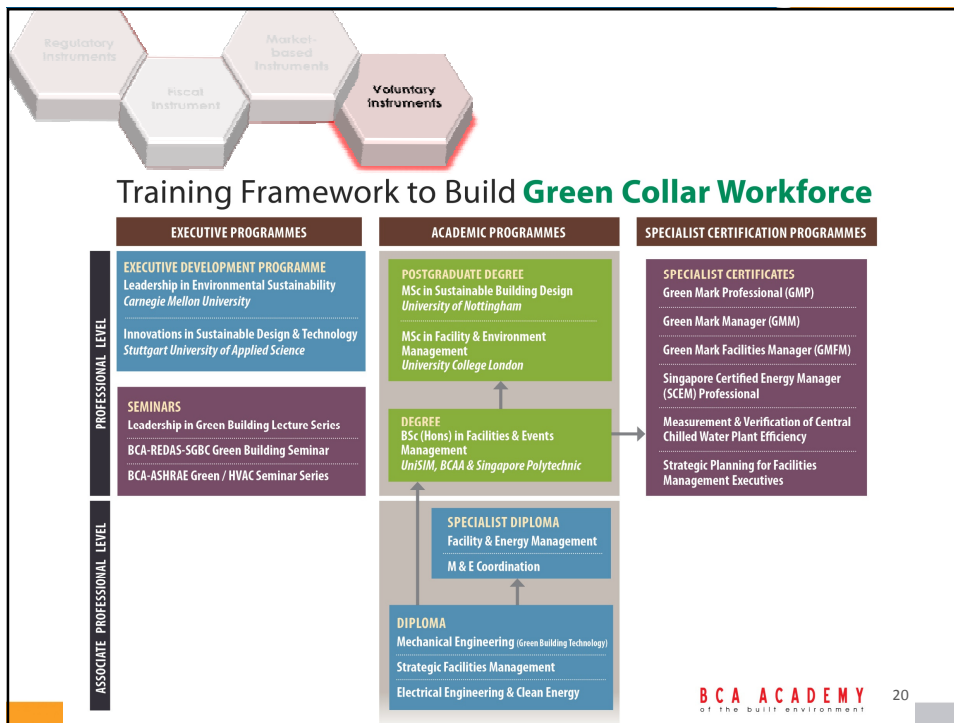
Call for banks to give loans for 'green' buildings

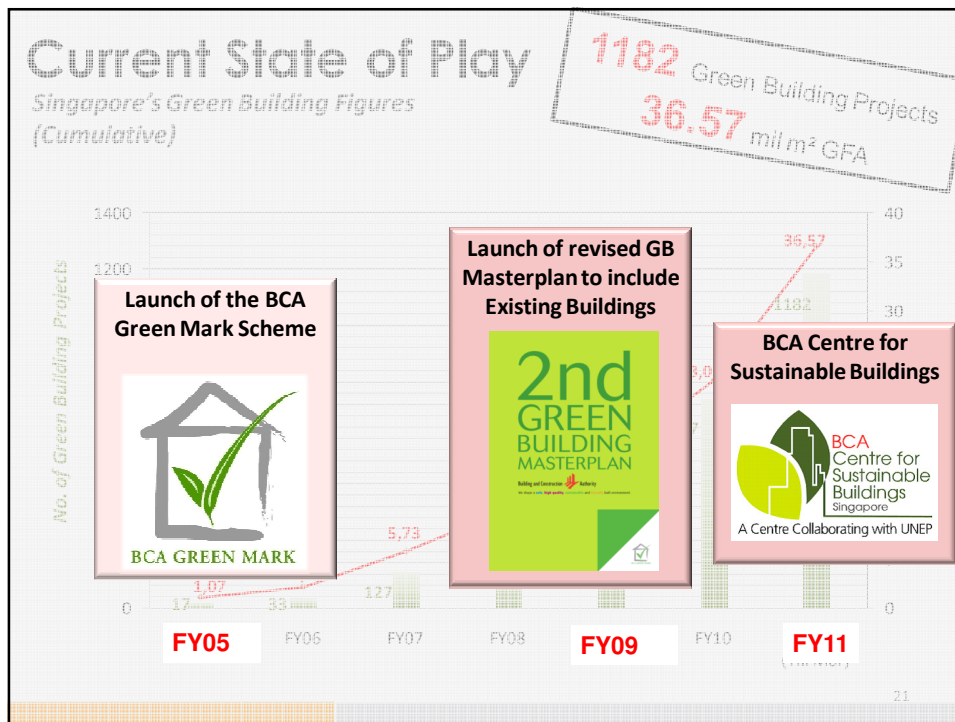
BUSINESSES keen to go green may soon receive a boost from financial institutions. Banks could give out loans for buildings that are designed with the environment in mind, as part of their social corporate responsibility. This is one of the recommendations from an international panel of experts on boosting sustainable buildings in Singapore. There are currently more than 130 Green Mark buildings here. Another 200 are still waiting to be recognised by the Building and Construction Authority as being more sustainable and energy efficient.

The New Paper, 3 Oct 2008

Standard Chartered UOB 大華銀行

Building Retrofit Energy Efficiency Financing (BREEF) Scheme





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BCA
 Centre for Sustainable Buildings
 Singapore

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<http://www.csb.sg>

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