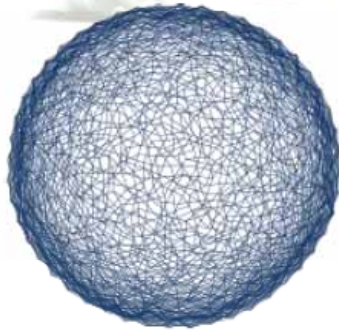




PM's Pledge at COP15

United Nations Framework for Climate Change Convention
2009, Copenhagen



**COP15
COPENHAGEN**
UN CLIMATE CHANGE CONFERENCE 2009



To reduce carbon emission up to 40% in terms of emission intensity of Gross Domestic Product (GDP) by 2020 compared with its 2005 levels

NATIONAL GREEN TECHNOLOGY POLICY

国際グリーン技術の政策



Policy Statement

Green Technology shall be a driver to accelerate the national economy and promote sustainable development

4 PILLARS

ENERGY

ENVIRONMENT

ECONOMY

SOCIAL

4 KEY SECTORS

ENERGY

BUILDINGS

TRANSPORTATION

WATER AND
WASTE

LOW CARBON CITIES FRAMEWORK & ASSESSMENT SYSTEM (LCCF) 低炭素都市フレームワークと評価システム

Functions of LCCF

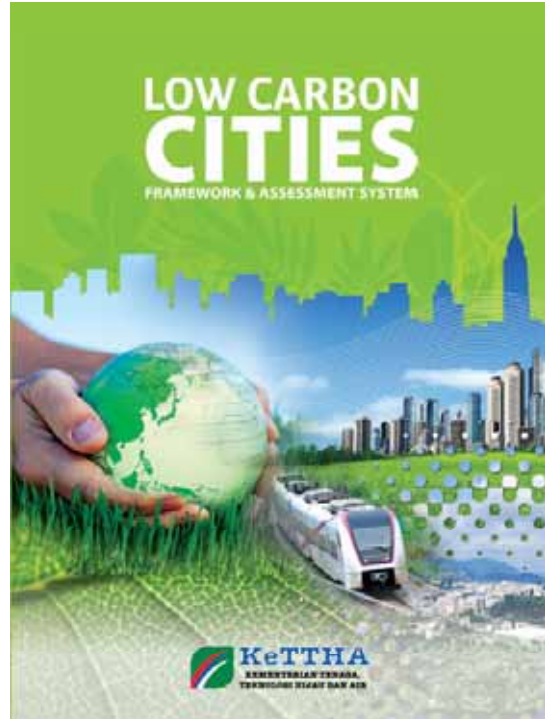
- To encourage & promote the concept of low carbon cities and townships in Malaysia.
- To guide cities in making choice/decisions towards greener solutions
- To assist stakeholders to develop action plans for low carbon development
- As a tool to calculate the carbon emission within the development

Users

- local authorities, township developers, designers and individuals

Target

- To reduce carbon emission intensity by 40% per GDP by the year of 2020




President Susilo Bambang Yudhoyono stated in his speech at Pittsburgh G-20 Summit in the U.S. on September 25, 2009 that Indonesia is committed to **reducing GHG emission by 26% in 2020 from the BAU level with its own efforts and reaching 41% with international support.**

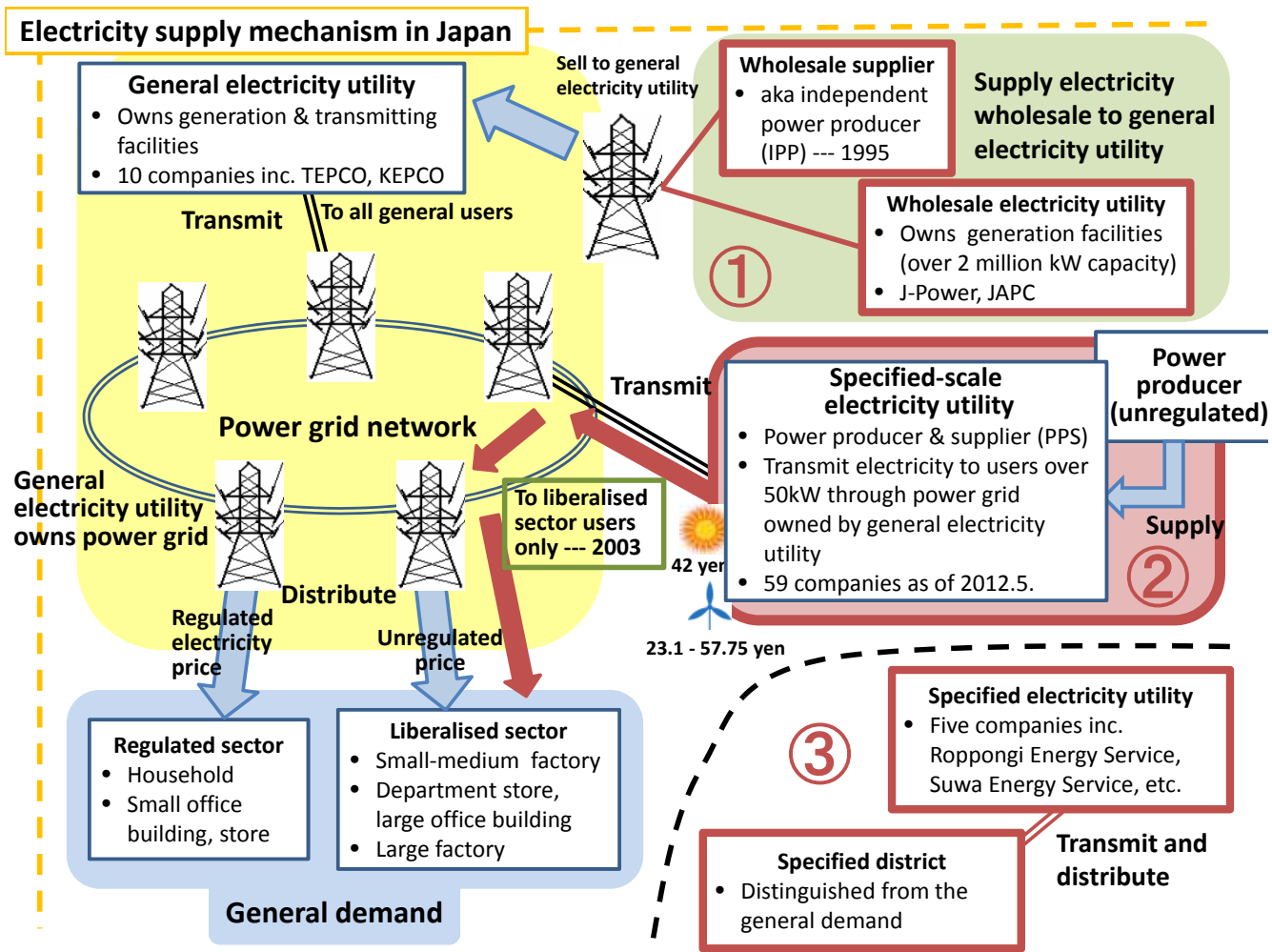


President Susilo Bambang Yudhoyono at Pittsburgh G-20 Summit in 2009

As a follow up of President's statement,



- National Action Plan for Green House Gas Reduction (**RAN-GRK**) was set (2010-2020)
 - targets **forestry and peatland, agriculture, energy, industry, transportation and waste** sectors
 - serves as a guidance on investment relating to coordinated GHG emission reduction at national and regional levels
- BAPPENAS mandates Local Action Plan on Greenhouse Gas Emissions Reduction (**RAD-GRK**) for provincial governments



Energy Visualization
Smart management by citizen

エネルギーを見える化し、
まち全体で賢くマネジメント。

KITAKYUSHU
SMART
COMMUNITY



Optimization of supply and demand of regional electric power by CT (City Energy Management System (CEMS))

Smart community center in the Kyushu Human Media Creation Center

Identification of roles and actors

> Case of Higashida (pilot phase)

	National government	Local government	Industry	Private companies	Academia / research institute	Energy consumer	...
Funder	✓	✓					
Facilitator		✓					
Regulator	✓						
Technology provider			✓				
System manager				?			
Developer				✓			
...							