



# มุมมองของภาคธุรกิจในเรื่องการเปลี่ยนแปลงสภาพภูมิอากาศ

## Viewpoints of the Business Sector on the Climate Change

โดย

by

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# Viewpoints of the Business Sector on the Climate Change

1. How Thailand feels this impact
2. Public sector and its guidelines in solving the problem
3. Role of the business/private sector
4. Observation /Discussion

# **1. How Thailand feels this impact**

## **H.E Prime Minister's address in the 2009 Climate Change Summit :**

1. Climate change is a threat to global economy and human beings' securities
2. Climate Change is a global problem. Global communities should join forces in solving the problem

# 1. How Thailand feels this impact (*Cont.*)

Thailand has been committed to the following actions & initiatives:

- 1) Prevent further climate change
- 2) Cooperate with the global organizations to solve the problem
- 3) Organize conferences on climate change aiming at concrete results
- 4) Strengthen good relations among global communities

# 1. How Thailand feels this impact (*Cont.*)

- 5) Urge developed countries to seriously reduce emission of GHG
- 6) Insist developed countries to set up funds in promoting a transfer of technology to the developing countries
- 7) Request each country to be responsible for its share & enhancing well being and good environment for our future generations

## **2. Public sector and its guidelines in solving the problem**

### **Thailand's strategic actions in solving this problem**

- **2007 /2008/2009 Thailand hosted international conferences on global climate.**
- **BMA in cooperation with 23 private and public organizations signed "Bangkok declaration on mitigation of climate change".**

## 2. Public sector and its guidelines in solving the problem (Cont.)

- **Major points are as follows:**
  - 1) Promote using energy- saving light bulbs
  - 2) Reduce green house gas emission and garbage disposal
  - 3) Promote using cloth bags instead of plastic bags
  - 4) Reduce using fossil energy
  - 5) Promote using renewable energy

## 2. Public sector and its guidelines in solving the problem (Cont.)

- 6) Promote sustainable economy lifestyle
- 7) Raise public awareness on the climate change and its impact
- 8) Have a plan to build a wall, 3 m. high, 80 k.m long and 300 m. offshore, to prevent BKK from flooding & maintain the mangrove forest
- 9) Set up the “committee of national disaster warning administration”



### 3. Role of the Business/ Private Sector

- Increase the number of business groups to acknowledge the climate change impact, especially the matters declared by the PM at the summit.
- Support academic research conducted by the public sector and educational institutes on this matter . Focus is put on the impact on agriculture, tourism, real estate and industry.

### 3. Role of the Business/ Private Sector *(Cont.)*

- Launch new products with energy-saving features, adjust the production process to reduce GHG emission, change farming process and lifestyles to reduce GHG.
- Indicate needs for the government's support in terms of national policies, tax exemptions, domestic use of natural resources, promotions and incentives in using the resources and enforcement of relevant laws.

## 4. Observation /Discussion

### Examples of the Business sector's role in foreign countries:

#### 4.1 *Clean Association of Tokyo 23 (Infrastructure Plan)*

A campaign in joining hands in managing garbage problems among 23 cities around Tokyo :

- an area of 600 sqkm, a population of 9.0 million
- private organizations collaborated in dealing with relevant issues: waste management, techniques in sorting garbage, waste handling and transport, waste incineration and landfills
- the local government sector issues local rules and regulations to endorse the garbage disposal business in the form of soft loans

## 4. Observation /Discussion (Cont.)

### 4.2 *Eco Ideas Houses*

- Lifestyle at home: proposing a lifestyle realized in 3-5 years to reduce CO<sub>2</sub> emission to virtually zero by saving, creating and storing energy

- 1)Energy saving from household electrical appliances, use devices that help save energy, install insulation, etc.

- 2)Production of energy by fuel cells, solar cells, etc.

- 3)Energy storage via batteries

## 4. Observation /Discussion (Cont.)

### 4.2 *Eco Ideas Houses (cont'd)*

- Synergy of technology and nature

1) The wind passage tower using natural air ventilation

2) Lighting design using sunlight

**End of my  
talk ,  
let us  
discuss**

# Fuel Cell



# Solar Power Generation

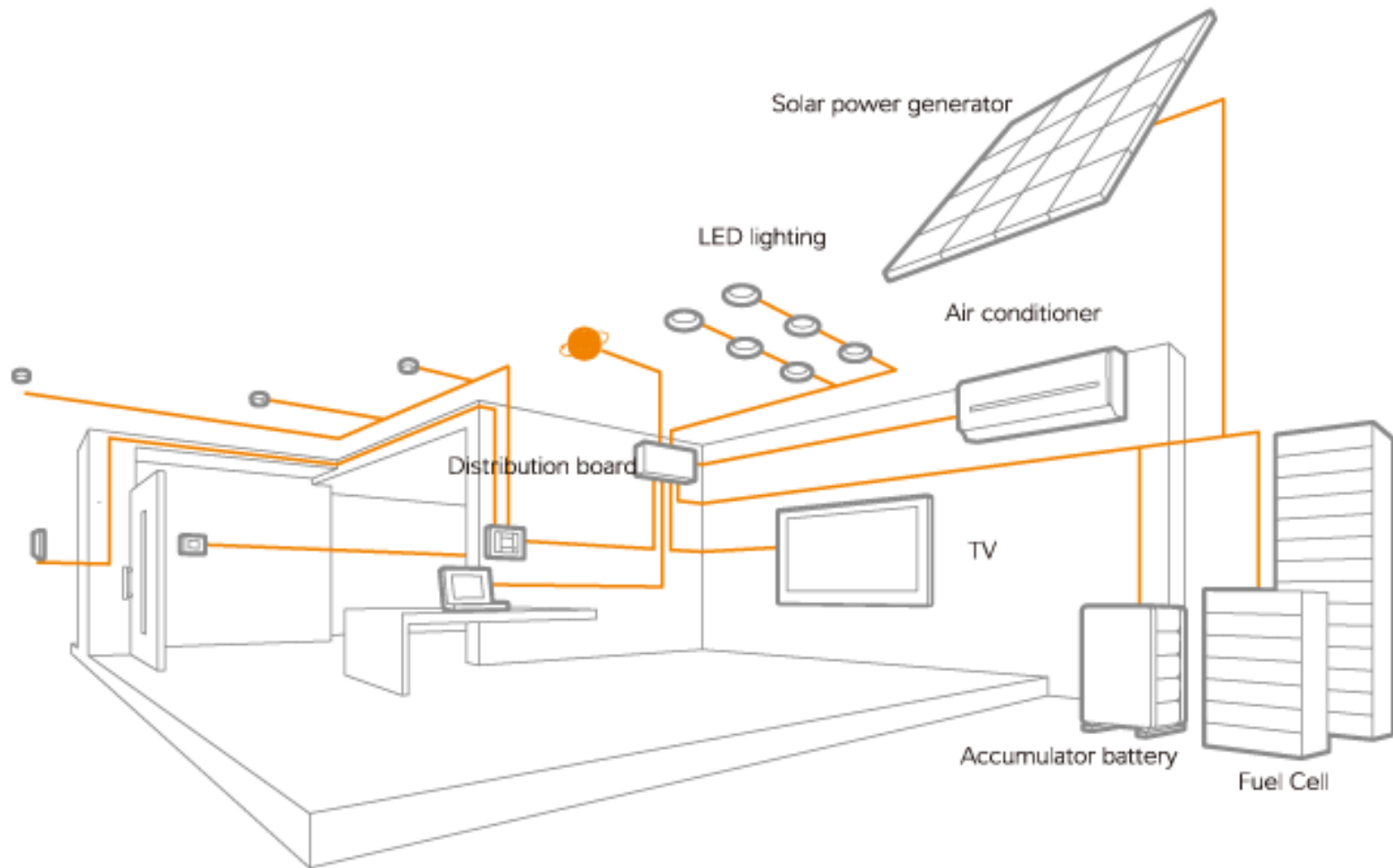




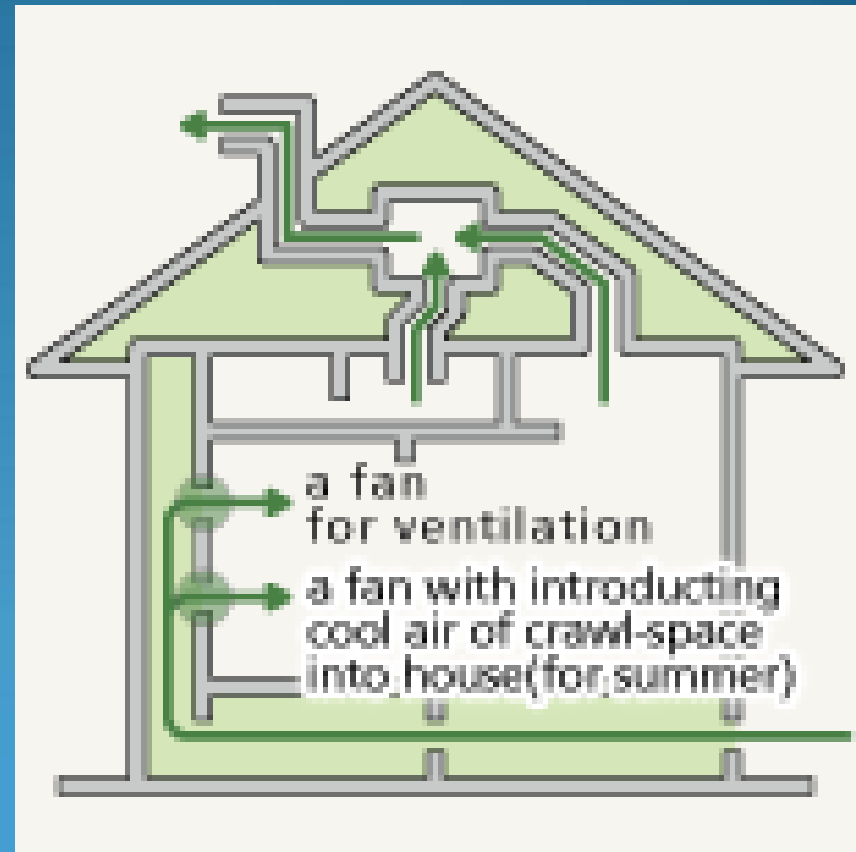
# Accumulator Battery



# Home Energy Management System



# Eco Ventilation System



# Lighting Design



# Heat Pump



# Viewpoints of the Business Sector on the Climate Change

## Definition

The United Nations Framework Convention on Climate Change defines climate change as "a change of climate which is attributed directly or indirectly to human activity that alters the composition of the global atmosphere and which is in addition to natural climate variability observed over comparable time periods." In the latter sense climate change is synonymous with global warming.