

Preparing the INDC: Japan's Experience

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Hiroyuki TEZUKA

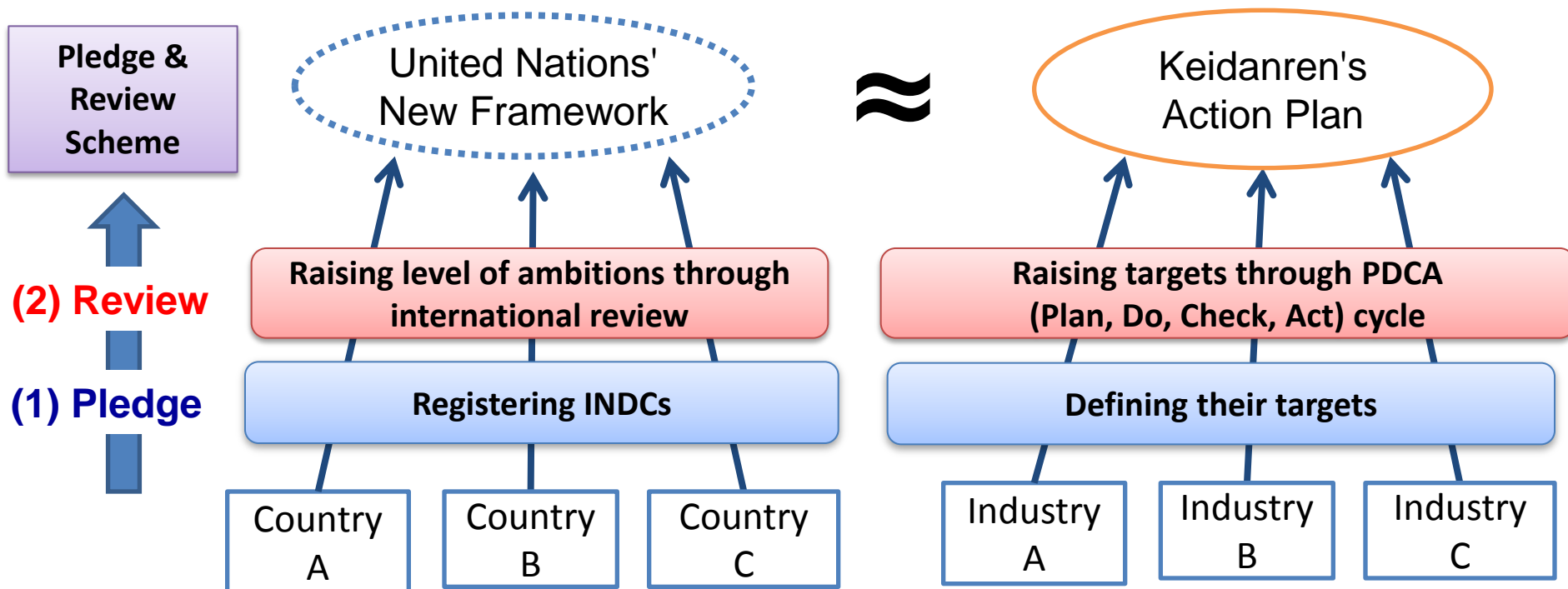
**Chair, WG on Global Environment Strategy
Committee on Environment and Safety
Keidanren**

Lessons for Paris Agreement: Pledge & Review

Keidanren's Action Plan has proven the effectiveness of a pledge and review approach.

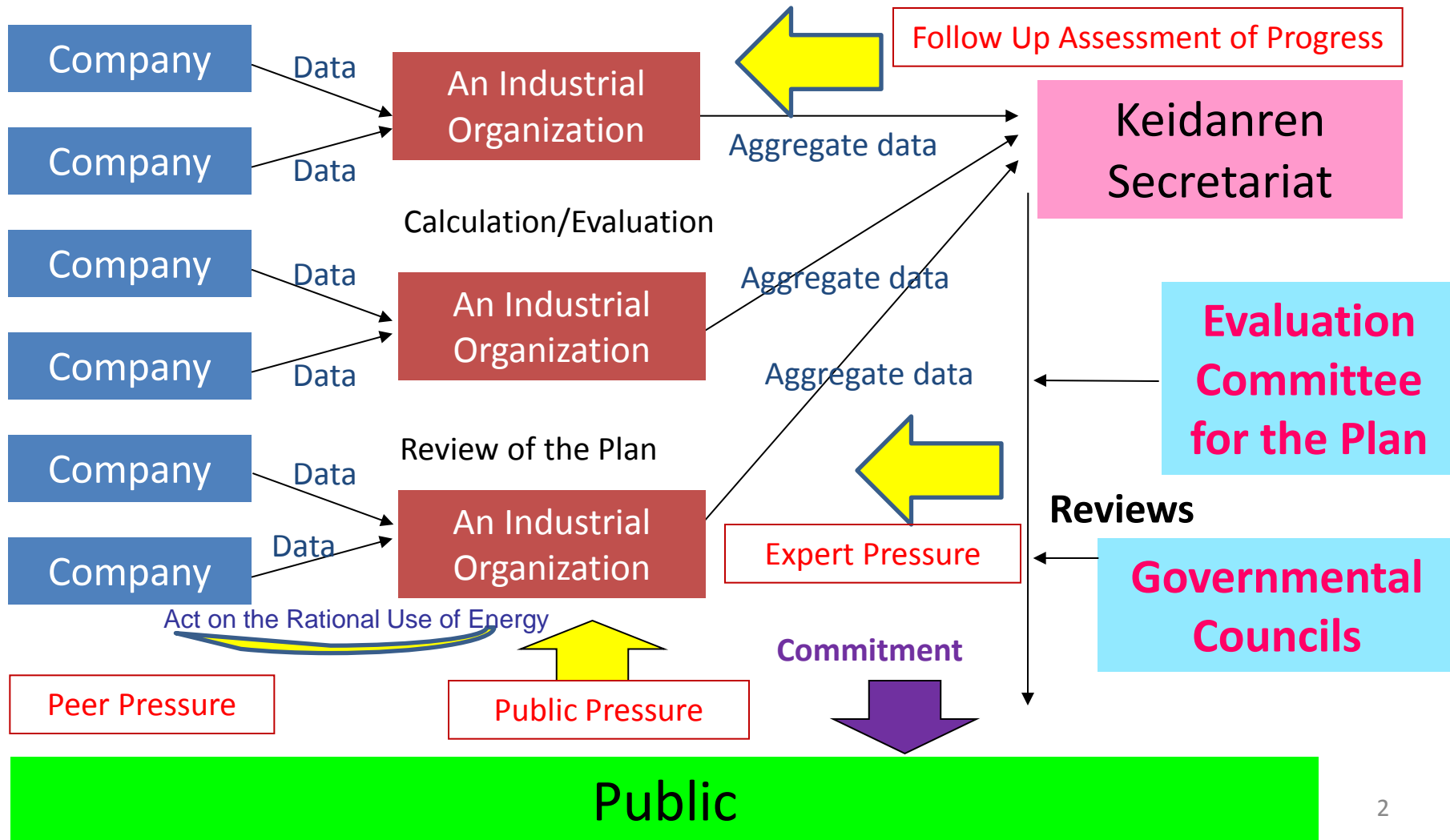
- (1) The number of participating organizations increased from 36 in 1997 to 61 in 2012.
- (2) 29 of 61 organizations raised their targets (enhanced their ambitions.)

A pledge and review type new international agreement can work well !



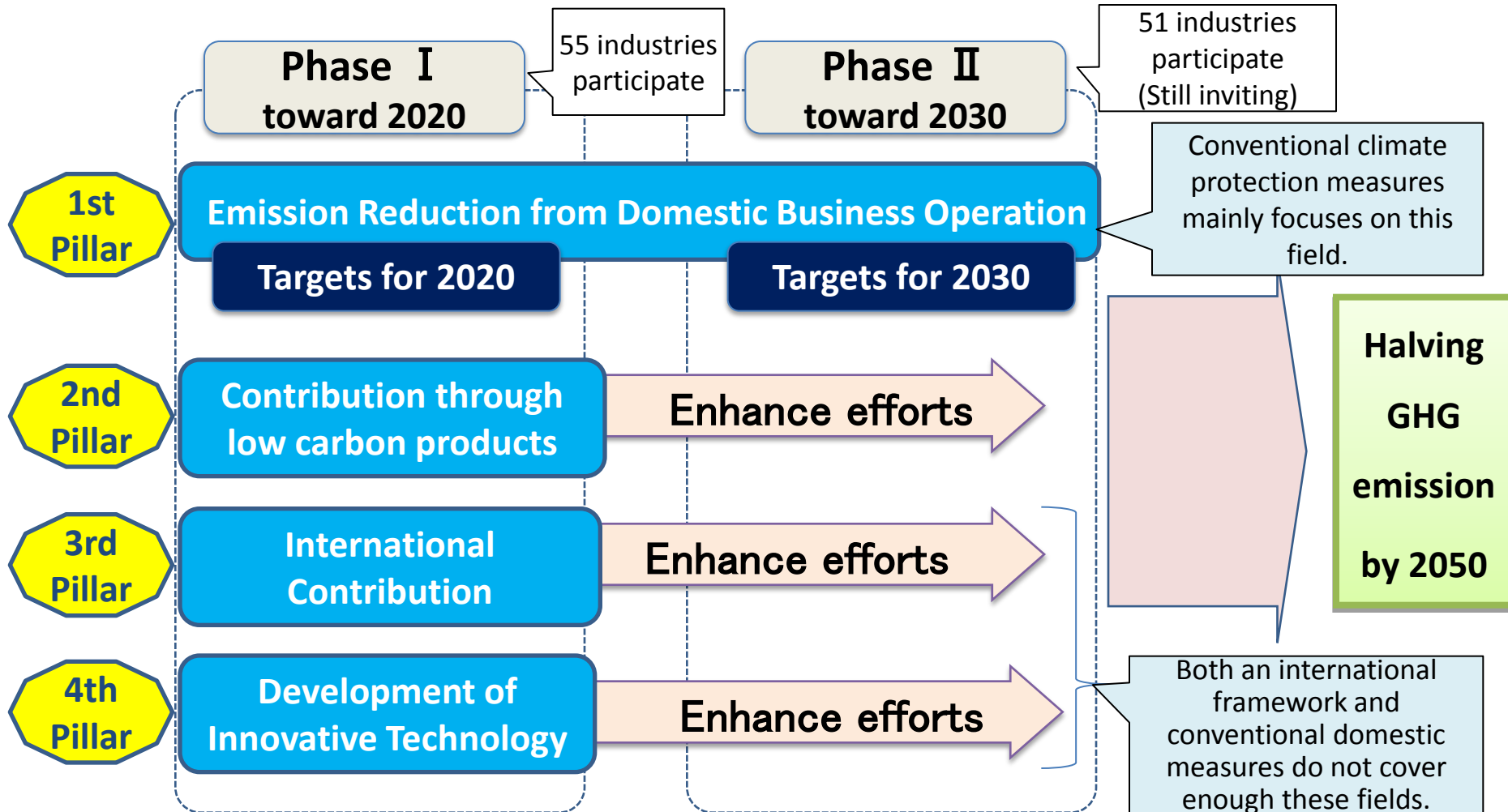
Review Process of Keidanren's Action Plan

The assessment of progress is conducted every year. The overall performance is publicized by Keidanren Secretariat.



KEIDANREN's Commitment to a Low Carbon Society

1. Participating industries and companies set their own targets.
2. The plan consists of 4 pillars (shown bellow).
3. 55 industries made their plans as for the Phase I toward 2020.
4. Endeavor to expand our efforts for the Phase II toward 2030.



Keidanren's Opinion on the INDC

From the policy proposal "Pursuing an Effective Climate Change Policy for Emission Reductions on a Global Scale" (released in April, 2015)

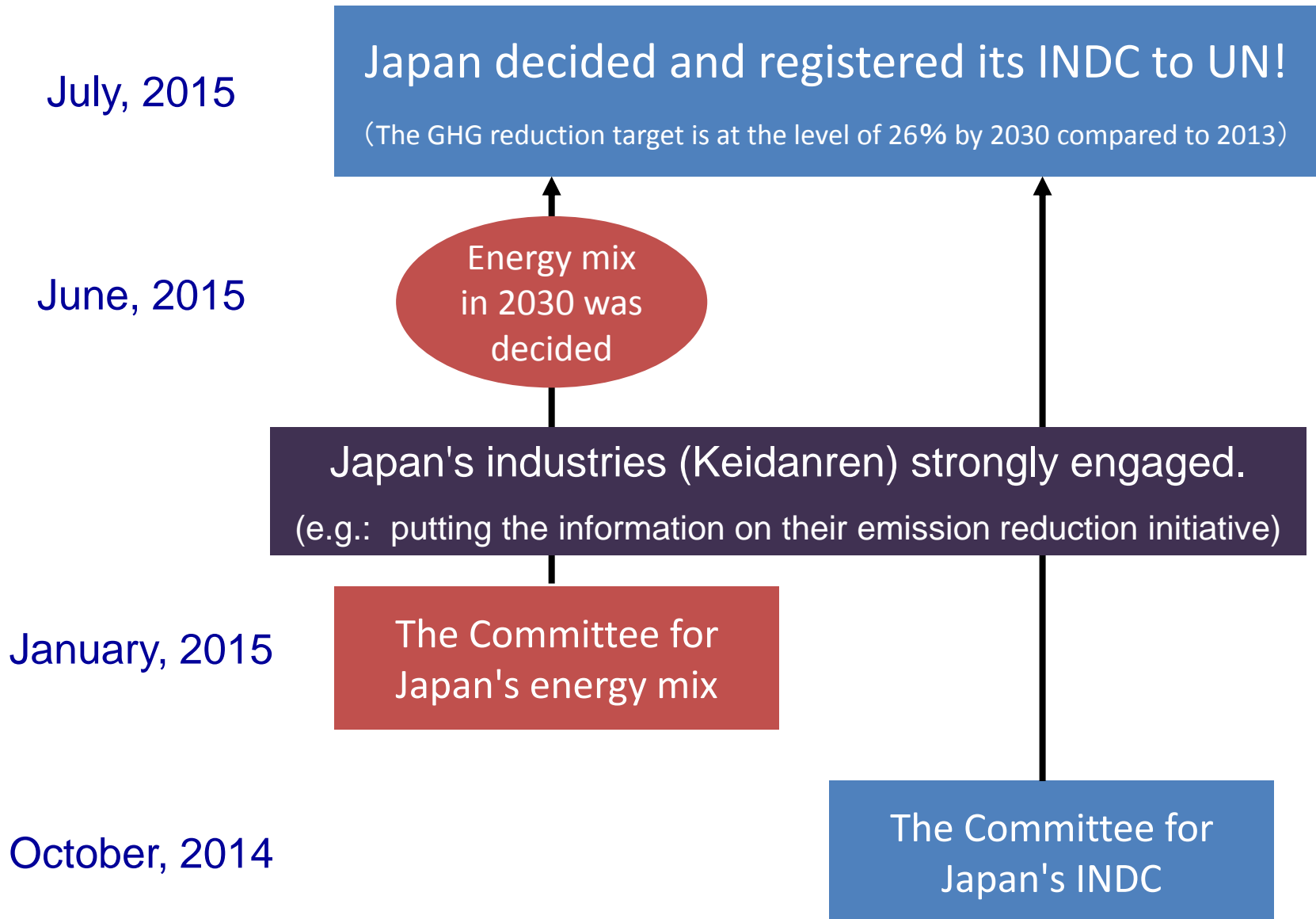
In order to set up responsible quantitative targets for 2030 as a government, **the Japanese government should not determine ungrounded quantitative targets based on a top-down approach. ... Japan should formulate a well-balanced energy mix that will underpin its growth strategy and then build up individual measures...**

➔ Japan should pursue...

 **bottom-up approach.**

 **top-down approach.**

How Japan's businesses engaged in formulating the INDC



The "Keidanren's Commitment to a Low Carbon Society" in Japan's INDC

Quoted from the Japan's INDC
(Decided and Submitted to the UN on July 17, 2015)

Japan's INDC is highly transparent and concrete as it has been drawn up by accumulating concrete policies for major sectors with clear breakdowns.

For example, with regard to Japan's industrial sectors, ... further improvement is planned through specific policies and measures listed in the attached documents, such as promotion and enhancement of the **industries' action plans towards a low carbon society.**

"The Commitment to the Low Carbon Society" is specified as a significant contribution implemented by industrial sectors!

Measures which form the basis for the bottom-up calculation of the GHG emission reduction target (Excerpt from Japan's INDC)

	FY 2030 emission targets (million t-CO ₂)	FY 2013 (FY 2005) (million t-CO ₂)	Measures
Energy-originated CO ₂	927	1,235 (1,219)	
Industry sector	401	429 (457)	<ul style="list-style-type: none"> • Promotion and enhancement of the industries' action plans towards a low carbon society <p><u>Iron and steel industry</u></p> <ul style="list-style-type: none"> • Efficiency improvement of electricity-consuming facilities • More chemical recycling of waste plastic at steel plants • Introduction of next-generation coke making process (SCOPE21) • Improvement of power generation efficiency • Enhanced energy efficiency and conservation facilities • Introduction of innovative ironmaking process (Ferro Coke) • Introduction of environmentally harmonized steelmaking process (COURSE50) <p><u>Chemical industry</u></p> <ul style="list-style-type: none"> • Introduction of energy efficiency and conservation process technology in petrochemicals • Introduction of energy efficiency and conservation process technology in other chemical industry • Introduction of energy efficiency and conservation technology using membranes for distilling process • Introduction of technology which uses CO₂ as a feedstock • Introduction of chemical product production technology with inedible plant-based material • Introduction of electricity-generating waste water processing with microbe catalysis • Introduction of sealed plant factory

A lot of BATs are listed!

Summary

Business can and should contribute to tackling climate change effectively in many aspects:

(1) Proactive action plan in tackling climate change

(2) Development and implementation of the INDCs

(3) Enhancing low carbon technology development

(4) Promoting Technology Transfer