

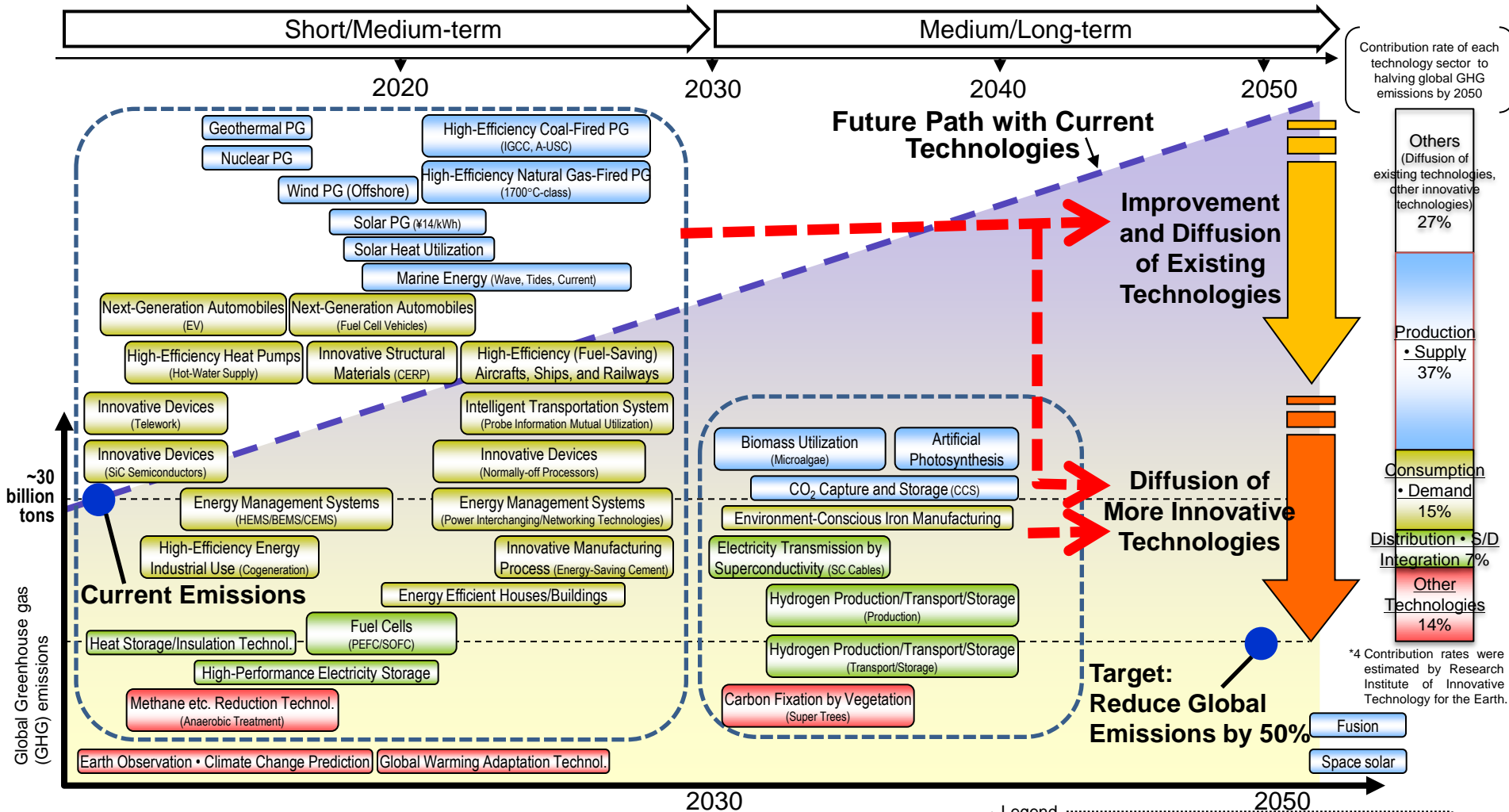
# Addressing Climate Change through Innovation

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# Development of Innovative Technologies



\*1 The horizontal position of environmental and energy technologies indicates approximate time of practical diffusion based on the roadmap of each technology.

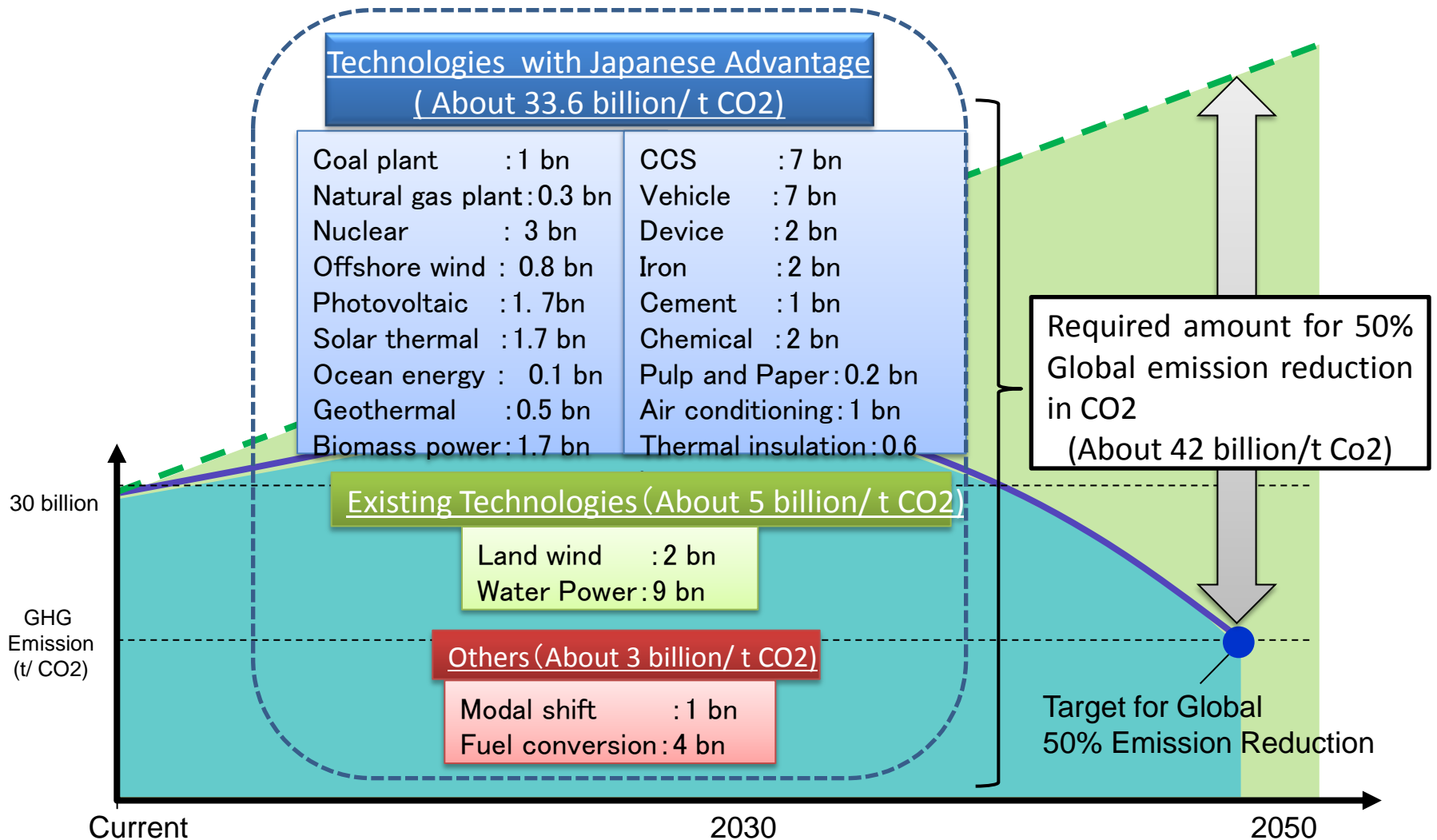
\*2 "Future path with current technologies" indicates approximate transition of global GHG emissions assuming no change in efficiencies for existing technologies (e.g., generating efficiency of coal-fired generation)

\*3 The downward arrows for "Improvement and diffusion of existing technologies" and "Diffusion of innovative technologies" indicate both contributions are required to reduce global GHG emissions; they do not specify the amount of reduction by each contribution.

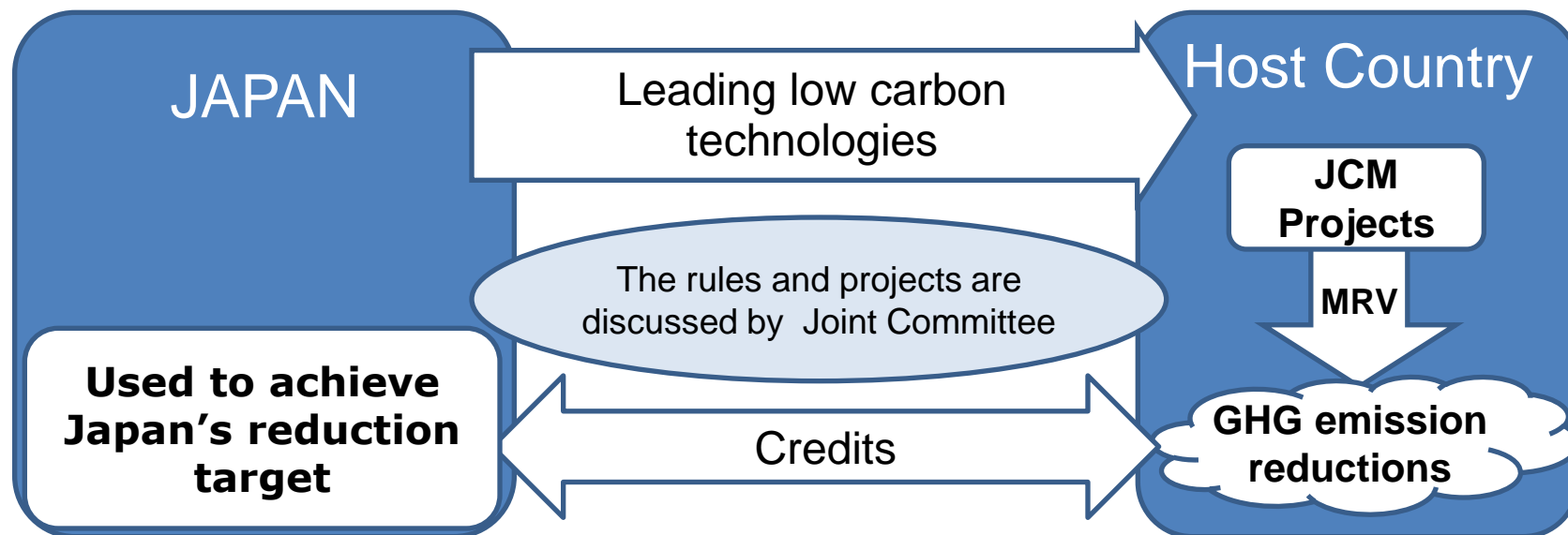
\*1 Center of bars indicates approximate time of practical diffusion.  
\*2 Parentheses show technology examples. Refer to the full text for details.

- ✓ Development of Innovative Technologies
- ✓ Diffusion of Innovative Technologies
- ✓ Enhancing Global Cooperation among Industry, Academia, and Government

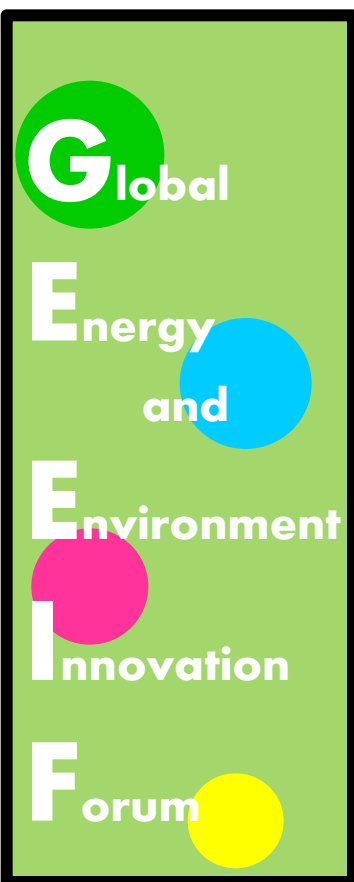
# Contribution of Technologies towards 50% Reduction in 2050



- Joint Crediting Mechanism (JCM)
- Establishment and utilization of international standards
- Utilization of public financing
- Demonstration of advanced technologies in developing countries



From 2014, Japan will host annually,  
Global Energy and Environmental Innovation Forum (GEEIF)



## **1. Objectives**

World-leading researchers, business persons, and policy makers meet and discuss every year,

- How to promote Innovation in the area of Energy and Environment Technologies
- How to apply these technologies to solve Climate Change
- How to enhance the cooperation among Academia, Business, and Government

## **2. Organization**

Host : NEDO, New Energy and Industrial Technology Development Organization  
(Japanese public research and development management organization)

Co-Host : The Government of Japan

## **3. Date/Venue for 2014**

Date : October 7<sup>th</sup>, 2014 : Opening Reception

October 8<sup>th</sup>, 2014 : Plenary Session, Concurrent Session

Venue : Hotel Chinzanso Tokyo, Japan