



NIES *JAPAN*

AIM (Asia-Pacific Integrated Assessment) project team
National Institute for Environmental Studies (NIES), Japan

Asian LCS studies and their perspectives

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Member of “25%” taskforce

Member of MOEJ mid- and long-term roadmap WG

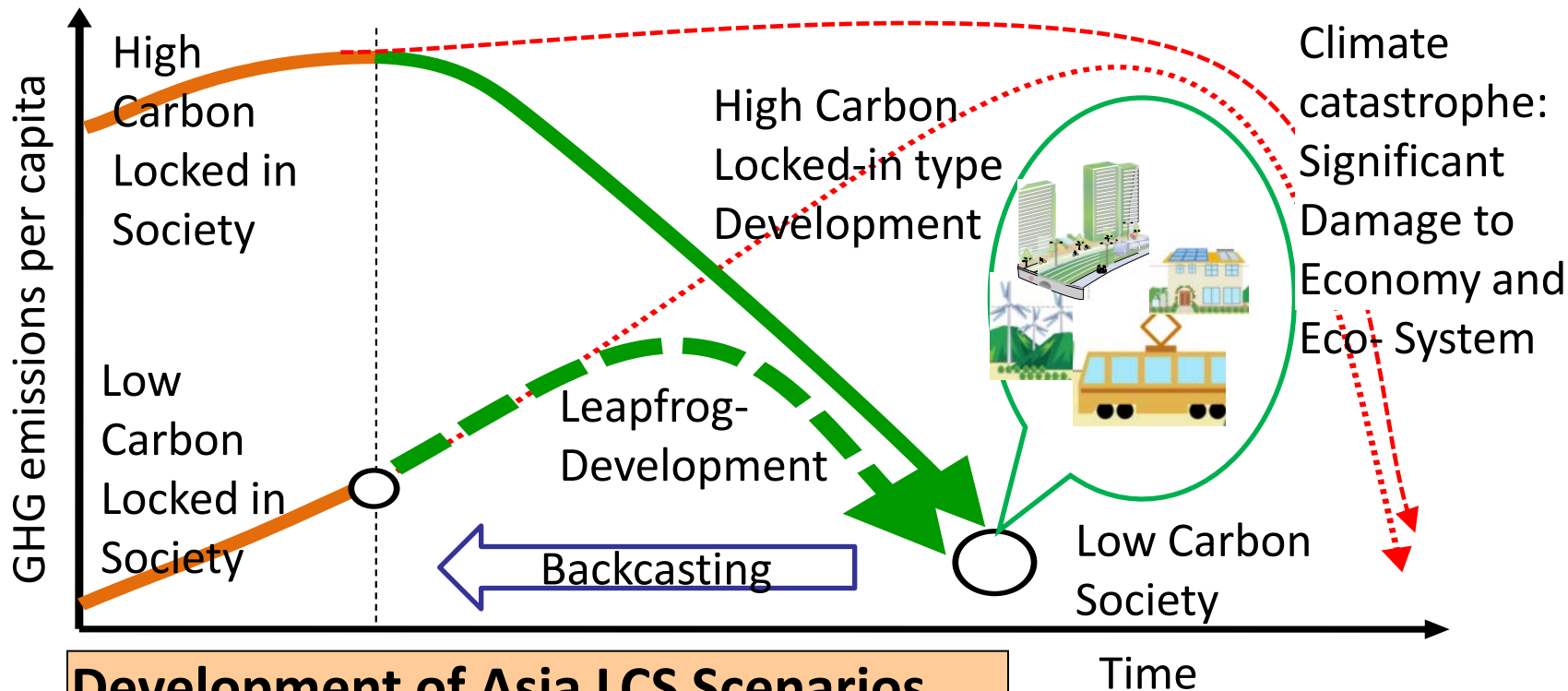
Member of Japan and Asia LCS research project

Member of IPCC renewable energy special report



The 15th AIM International Workshop, 20 Feb, 2010, Tsukuba, Japan

How to reach to Low Carbon Society in Asia ?



Development of Asia LCS Scenarios

- (1) Depicting narrative scenarios for LCS
- (2) Quantifying future LCS visions
- (3) Developing robust roadmaps by backcasting

Policy Packages for Asia LCS

Funded by Ministry of Environment, Japan and NIES

New Japan's Mid-term Target

Japan's mid-term target was announced by New Prime Minister Hatoyama on September 22nd, 2009. The target is

25 percent reduction from the 1990 level by 2020

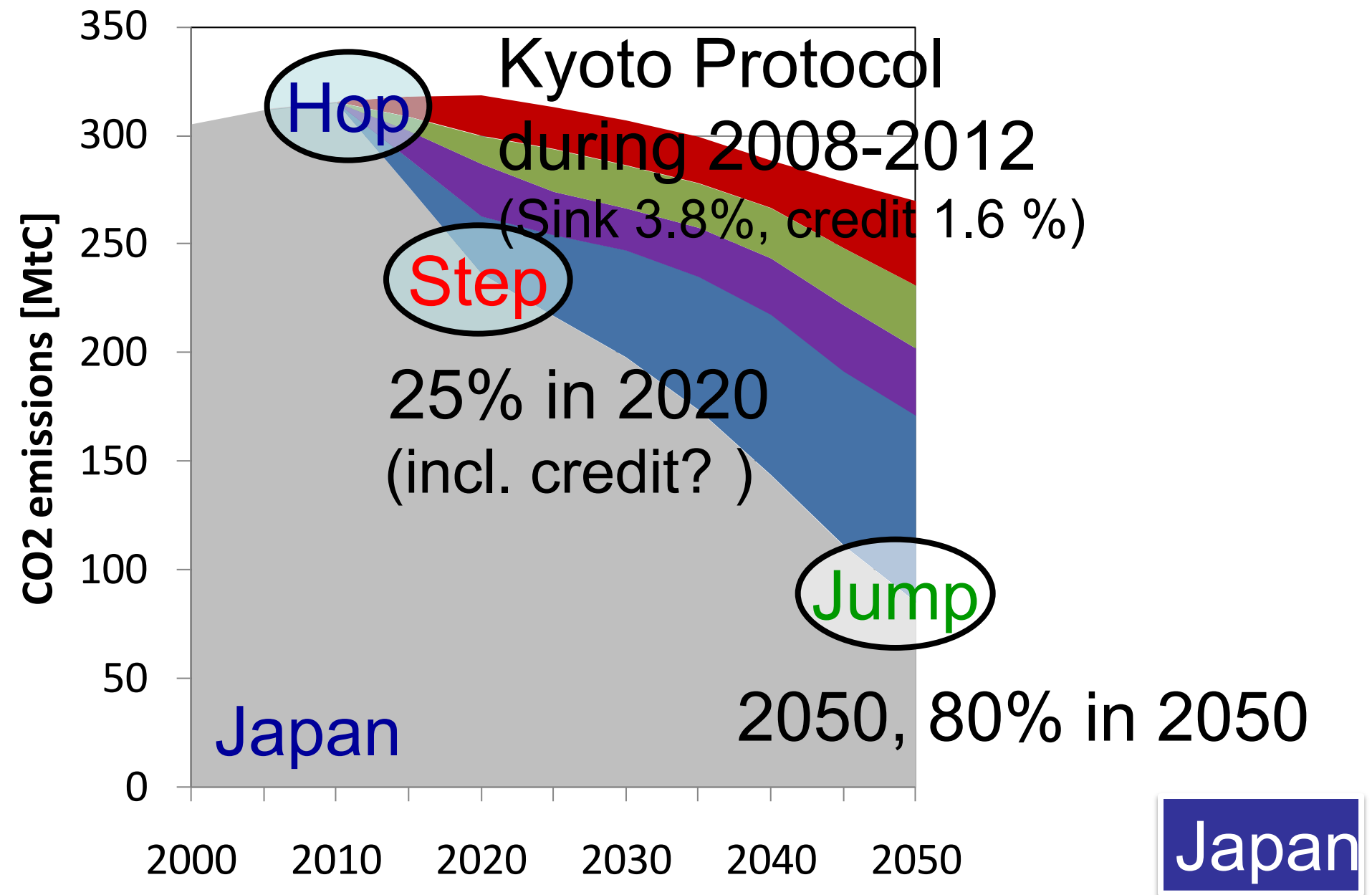


	New Mid-term target	Old Mid-term target	Kyoto target
Target Year	2020	2020	2008 - 2012
Base Year	1990	2005(1990)	1990
Domestic reduction	Totally 25%	15(8)%	0.6%
Carbon sinks		-	3.8%
Credits		-	1.6%

New Prime Minister
Hatoyama 鳩山由紀夫

*Japan's Kyoto target (6% reduction) includes carbon sinks and credits through the Kyoto mechanisms.

Japanese Emissions Targets towards 2050



Japan LCS research project and Japanese CC policy

1. Feb 13th 2007, Interim Report “Japan Scenarios towards Low-Carbon Society (LCS) -Feasibility study for 70% CO2 emission reduction by 2050 below 1990 level-”
 - May 24th 2007 Former Prime Minister Abe launched “Cool Earth 50” to reduce 50% GHG emissions by 2050
 - June 9th 2008 Former Prime Minister Fukuda set the target of Japanese CO2 emissions reduction by 60-80% in 2050

 2. May 22nd 2008, Interim Report “Dozen Actions towards LCSs”
 - July 29th 2008 Japanese government set “Action Plan for Achieving a Low-carbon Society”

 3. April 2009, The Mid-term Target Committee, “six options for 2020” (including 7%, 15%, 25% reduction compared as 1990 level)
 - September 22nd 2009, New Prime Minister Hatoyama set the year of 2020 target as 25%.
 - MOEJ mid- and long-term roadmap WG for 2020/2050 (2030)
- + Backcasting model (August 2009)

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AIT
Thailand



20091210@
Copenhagen
Denmark



Low-Carbon Scenarios for countries and sub-countries in Asian

The collage features several key reports and maps:

- Low Carbon Society Vision 2035 towards VIBRANT AHMEDABAD**: Indian Institute of Management Ahmedabad, September, 2009. Includes a map of Ahmedabad.
- Low Carbon Society Vision 2050 INDIA**: Includes a map of India and logos for NIES, MIZUHO, and others.
- Scenario Analysis on Low-Carbon Economy Development of Jilin City**: Energy Research Institute, China, October, 2009. Includes the ERI logo.
- Shiga's scenario towards the realization of a sustainable society**: A study on the society in Shiga Prefecture, Society Research Team.
- A Roadmap towards Low Carbon Kyoto**: A study on the society in Shiga Prefecture, Society Research Team.
- A Roadmap for Sustainable Shiga towards 2030**: Shiga Prefecture Sustainable Society Research Team, November, 2009. Includes a photo of a river and cherry blossoms.
- GHG Emissions in 2025**: Energy demand and GHG emissions of IM. Includes bar charts for energy demand and GHG emissions.
- LOW-CARBON CITY 2025 SUSTAINABLE ISKANDAR MALAYSIA**: Includes a map of Iskandar Malaysia and logos for various institutions.
- Japan Scenarios and Action Low-Carbon Societies**: Global Environmental Research Fund (GERF/5-3-1) Japan-UK Joint Research Project "A Sustainable Low-Carbon Society". Includes a bar chart and a line graph showing CO2 emissions from 2000 to 2050 for various scenarios.
- Japan Roadmaps towards Low-Carbon Societies (LCS)**: August 2009. "2050 Japan Low-Carbon Society" Scenario Team. Includes a bar chart and a line graph showing CO2 emissions from 2000 to 2050 for various scenarios.

+ Indonesia

<http://2050.nies.go.jp/LCS>

Presentations and Discussions

- Why do you need sustainable low-carbon society/development scenarios?
- How do/will you develop your LCS scenarios?
- How do you deliver your LCS scenarios for policy-making process?
- How AIM Japan team can support to develop your national/sub-national scenarios?