

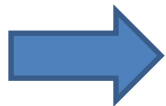
Lessons from the APP and beyond

-Concept of an advisory group
with public & private experts-

Shin Okamoto
METI, JAPAN

How to achieve an effective support for MRV actions?

- The private sector owns most technologies, and technology transfer is already well under way on a commercial basis.
- The improvement of an enabling environment for the private sector is the key for encouraging the involvement of businesses.
- The actual patterns of technology transfer vary from sector to sector and from country to country, due to differences in many factors such as business circumstances and social systems
- Effective activities of technology transfer differ, depending on the social or economic background.

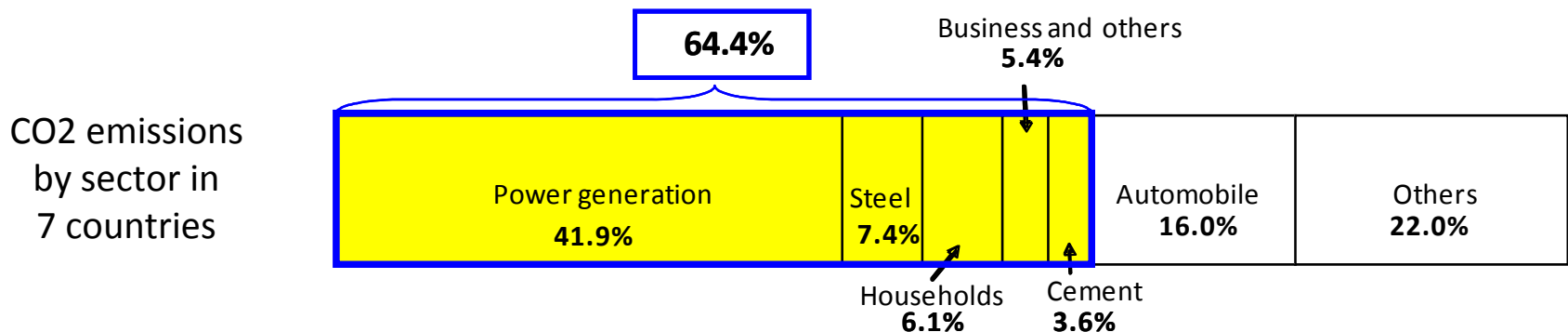
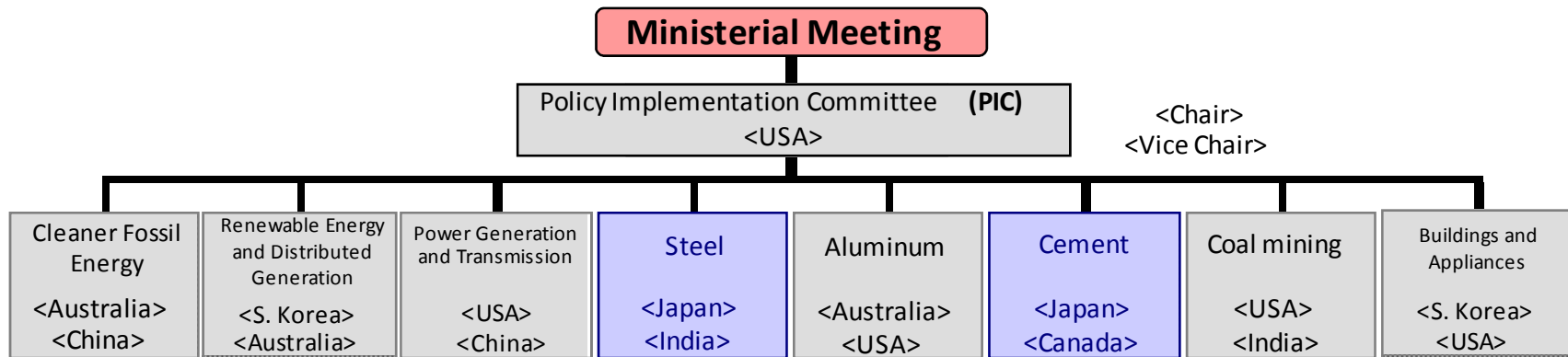


Analysis on the actual conditions and barriers in each sector is indispensable

Asia Pacific Partnership (APP)



- Established in 2005 under the initiative of the U.S.
- 7 partners: Australia, Canada, China, India, Japan, South Korea, U.S.
= 54% of the world's CO2 emission in 2005
- Private-public partnership
- Task Forces in 8 sectoral areas
- To promote practical technology cooperation for GHG reduction through sharing of effective technologies and practices for reduction, analysis of reduction potentials.



Successful approach in iron and steel sector in APP

- Asia-Pacific Partnership promotes sector-specific cooperation among 7 countries.
- APP identifies and solves barriers for deployment and transfer of technologies in each sector

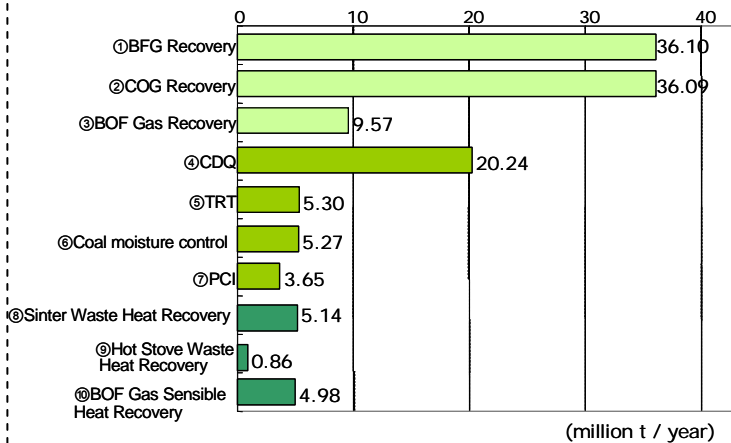
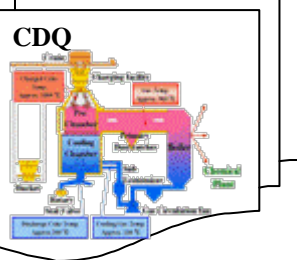
Compile state-of-the-art technologies.

Estimate CO2 reduction potential based on BAT /BP.

Dispatch experts to steel plants for appropriate advice

Determine the priority of technology for transferring.

Guideline for SOACT deployment



CO2:127 M ton/year
By 10 key technologies

64 technologies



- Performance diagnosis in FY07&08
 - 3 plants in China
 - 3 plants in India

A Chinese steel plant adopted technology* based on the performance diagnosis* advice.

- Develop guideline to deploy SOACT

*Flue Gas Cleaning System for sintering machinery exhaust gases

SOACT Handbook in APP

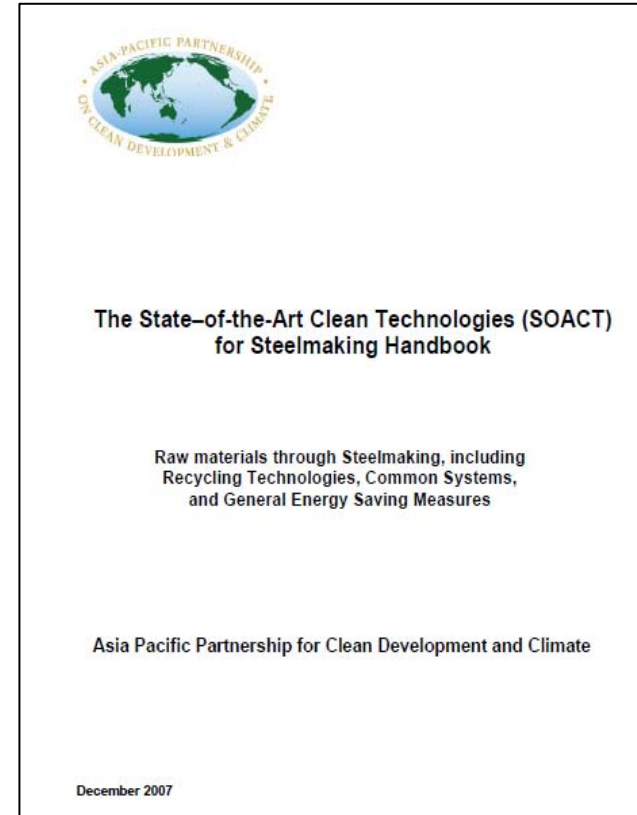
APP members shared The State-of-the-Art Clean Technologies (SOACT) relating to environmental protection and energy saving.

The SOACT is posted on the APP website in January, 2008 and now available to the public.

64 technologies in SOACT handbook

-22 of environmental protection technologies

-42 of energy saving technologies



<http://www.asiapacificpartnership.org/>

Sintering	Coke making	Iron making	BOF Steelmaking	EAF Steelmaking	Casting	Recycling	Common System	General Measures	Total
11	6	11	9	6	1	4	11	5	64

Technology Showcase in APP

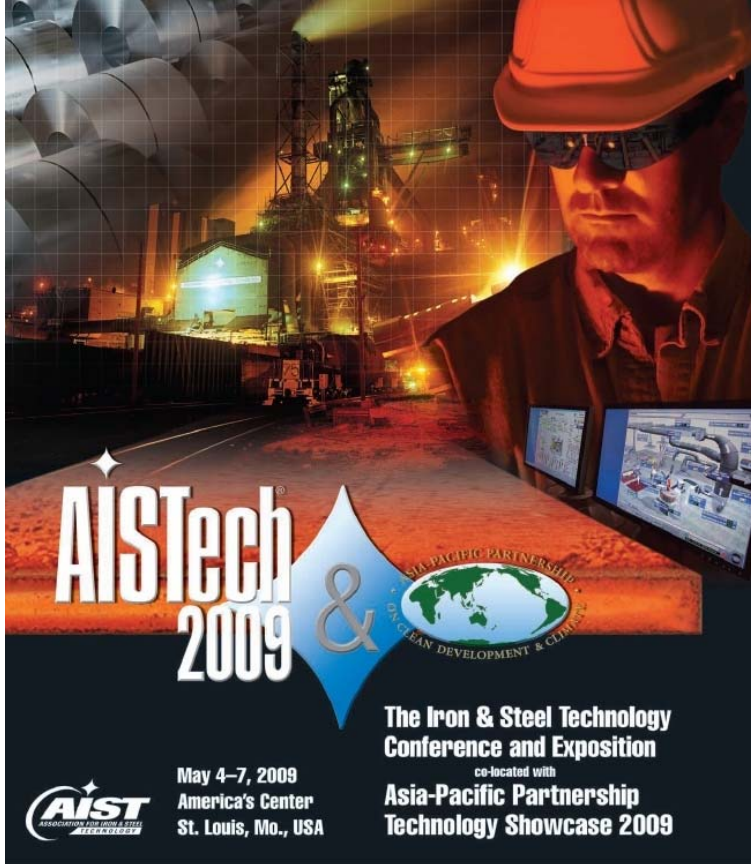
The US proposed Linkage to
“Technology Showcase”

Many vendors of environmental
technology in one place

- “Hands On” evaluation of equipment
- Discussion with vendor experts
- Seminars on equipment applications

Coordinate with APP meeting

- May 4-7, 2009: St. Louis, Missouri, USA
- In Partnership with Association for Iron and Steel Technology “AISTech 2009”
- AIS Tech includes international exhibitors and presenters
- APP Task Force members could attend technical session also
- APP countries can show their technologies to an international audience



The poster features a background image of an industrial steel mill at night with a worker in the foreground wearing a hard hat and safety glasses. The text on the poster includes:

AISTech 2009 & **ASIA-PACIFIC PARTNERSHIP**
CLEAN DEVELOPMENT & CLIMATE

The Iron & Steel Technology Conference and Exposition
co-located with
Asia-Pacific Partnership Technology Showcase 2009

May 4-7, 2009
America's Center
St. Louis, Mo., USA

AIST
ASSOCIATION FOR IRON & STEEL

2009 Exhibit Prospectus

<http://www.aist.org/aistech/index.htm>

Concept of an advisory group with public & private experts

[Purpose]

- Promote **effective use of technology and finance** for developing countries.
- Utilize accumulated experience of voluntary efforts** in each sector, such as those under the Asia Pacific Partnership, International Aluminium Institute, and World Steel Association etc.

[Organization]

Composed of (i) Sectoral groups with experts for major sectors and (ii) A support group for national action plans by developing countries.

[Activities]

- Identify effective technologies**, analyze appropriate ways for promoting technologies, emission reduction potentials and costs, and developing lists of policy know-how and technologies.
- Make recommendations to donors and investors.**
- Support developing countries** to make voluntary national action plans.
- Regularly **report** its activities to the Conference of Parties.

Possible Image for Advisory Group for Sectoral Technology Cooperation

