

## APP 1st Steel TF at Berkley, April 19 - 21, 2006

### Chair's Summary of Discussions

**Chair: Mr. Satoshi Abe (Japan)**

**Co-Chair: Mr. Kumar Arvind Singh Deo (India)**

1. APP Participating Countries met at the first Steel Task Force meeting in Berkley, CA, US, during April 19 – 21, 2006.

#### **I. Adoption of Agenda**

2. Agenda was adopted.

#### **II. Report from the Secretariat (Japan)**

3. The **secretariat** (Japan) reviewed APP's establishment and its development.

4. The **Chair** reviewed preparatory work by Japan. He then thanked Korea for its responses to "Initial Discussion Points/Questions for Steel TF" attached to the annotated agenda and its proposal.

#### **III. Initial Statement by Participating Countries**

- **Chair Country (Japan)**
- **Co-chair Country (India)**
- **Australia, China, Korea and US**

5. **Japan** made a presentation about its approach to environmental preservation and energy saving, including the Voluntary Action Plan of JISF. It suggested that "Best Available Technology Handbook" be an output of the APP Steel Task Force. There were discussions about water conservation, and the group acknowledged its importance.

6. **India** then made a presentation about the current status of Indian steel industry, major concerns, its strength, barriers and proposed activities, etc. It stressed the

importance of study visits, exchange of information and data, training on new technologies, capacity building, etc. One delegation asked for details of its industry's growth rate, and India provided some data. India suggested collaboration in research and development among APP countries and opening of some financial windows for the diffusion of energy efficient technologies.

7. **Australia** made a presentation about its relatively small size of the industry, its initiatives to reduce greenhouse gas emissions, etc. It referred to activities of IISI, too. Australia also explained about its R&D projects and new technologies. It stated that it could offer some technologies such as reducing consumption of fresh water and improving safety performance, and showed some areas such as increasing recycling and reuse of waste dusts, dry granulation and use of biomass and sintering and pelletizing for collaboration.

8. In the presentation made by **China**, it stated it has constraints in the area such as raw materials supply, water use, energy and environmental protection, while its steel industry which had become the largest steel producer in the world, are experiencing rapid growth. There were some questions regarding its future production and its legal framework of energy saving and environmental protection. China also stressed importance of technology transfer.

9. **Korea** explained about voluntary agreement between its companies and the government, and stressed the importance of specific technologies such as CDQ and TRT, and carbon management, in its presentation. Also, Korea stated that exchanging best practice information such as operation-led and investment led energy saving technologies, advanced energy and greenhouse gas management system and innovative energy-lean steelmaking process are important. Referring to Japanese proposal, it proposed actions, including best practice sessions at the APP Steel Workshop, etc. Korea also answered to "Initial Discussion Points/Questions for Steel TF" attached to the annotated agenda.

10. The **United States** stated that, in their view, China and India was responsible partners in APP and there was necessity to leverage the private sector, especially investments for private capital markets, and it was important that energy efficiency and environmental performance go together. It was stressed that US steel energy intensity per ton of steel has been reduced by 28% since 1990. US also reviewed many

technology improvements that have taken place in US industry to achieve energy efficiency improvements and importance of recycling, including use of scrap.

#### **IV. Action Plan**

11. Japan firstly explained their draft outline. After intensive discussions, the Action Plan, including managing countries and milestones of each project, was agreed.

12. It included six projects:

- Project 1: APP Steel Workshop
- Project 2: Status review of Steel Industry Related Indicators for Energy Savings, etc.
- Project 3: Performance Indicators Setting
- Project 4: Performance Diagnosis
- Project 5: Best Available Technology (BAT) Handbook and Field Test Project.

13. It was agreed that Japan hosts the first workshop in September.

14. With regard to the status review, finalized survey instrument would be sent out and the survey would be completed by July. Each country will coordinate the collection of data, through steel associations, where present. These data would be plant-specific, but the company names would be removed before submission to the APP Task Force. Coverage would be decided by each country, but it must be specified. Data would be shared only within APP countries.

15. Project 5 was recognized as possible flagship projects.

16. It was recognized that there are cross-sector issues in the area such as waste recycling and necessity of funding from outside resources. The chair was asked by the TF to include these issues in his report to PIC.

#### **V. Future Work**

17. It was agreed that the next TF meeting be held back-to back with September Workshop in Japan and that members would communicate each other by email, as necessary, through a single point of contact in each country.