

Asia-Pacific Partnership on Clean Development & Climate



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# *Asia-Pacific Partnership on Clean Development and Climate (APP)*

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**Asia Clean Energy Forum**  
*Policy and Finance Solution for*  
*Energy Security and Climate Change*  
**Panel on Clean Energy Promotion Programs in Asia**

**Manila, Philippines**  
**June 26, 2007**



## Background

- **Public-private partnership involving Australia, China, India, Japan, Republic of Korea, and U.S.—countries representing nearly half of the world’s population and over half of the world’s economy and energy use.**
- **Partnership’s Vision Statement (July 28, 2005) recognizes that “development and poverty eradication are urgent and overriding goals,” and that Partners are committed to “enhance cooperation to meet both our increased energy needs and associated challenges, including those relating to air pollution, energy security, and greenhouse gas intensities.”**
  - Collaborate to promote and create an enabling environment for the development, diffusion, deployment and transfer of existing and emerging cost-effective, cleaner technologies and practices, through concrete and substantial cooperation so as to achieve practical results.
  - Cooperate on the development, diffusion, deployment and transfer of longer-term transformational energy technologies (e.g., hydrogen, carbon capture and storage, and advanced biotechnologies) that will promote economic growth while enabling significant reductions in greenhouse gas intensities.

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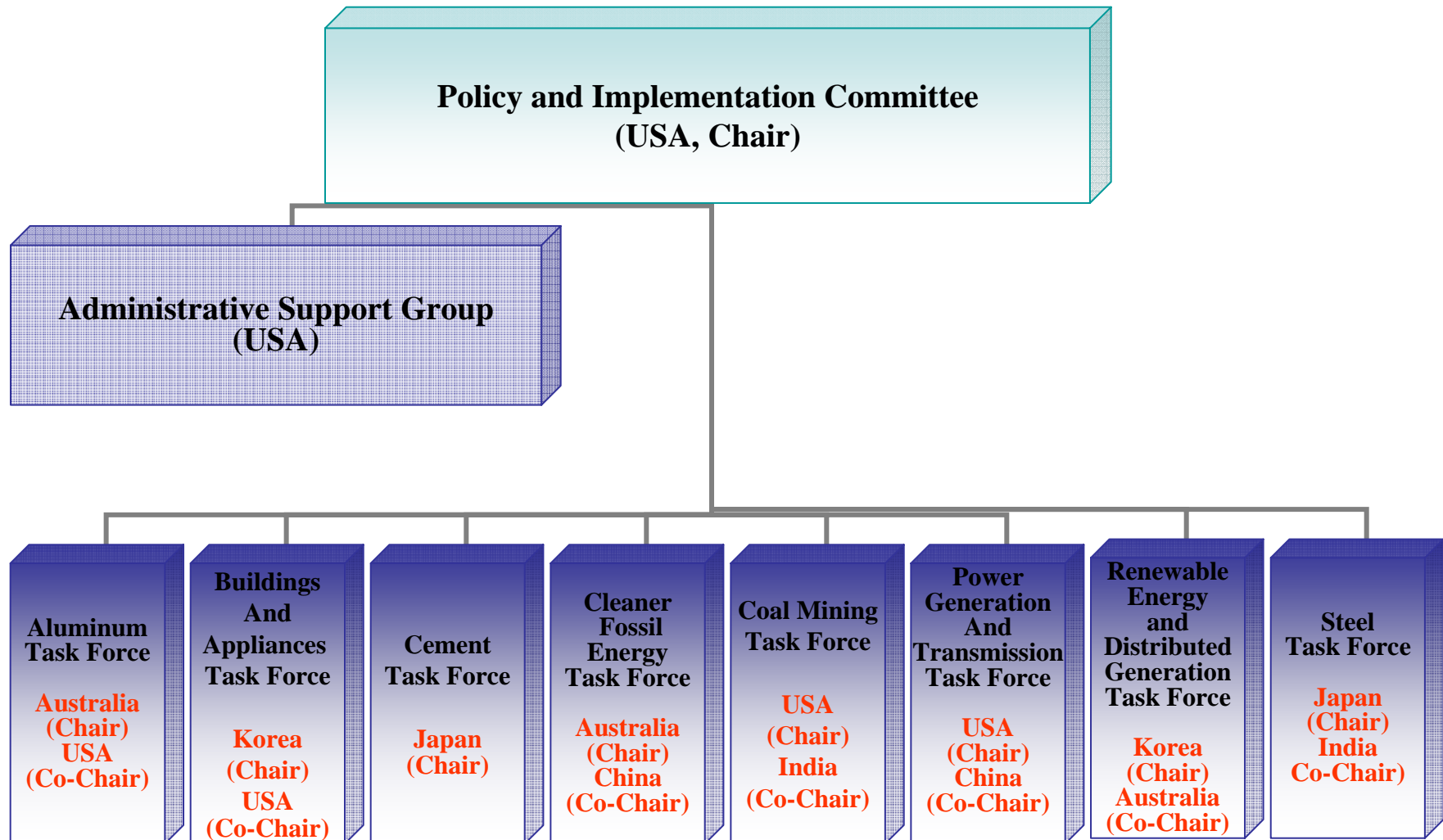


## Focus

- **Voluntary practical measures** taken by these six countries to create new investment opportunities, build local capacity, and remove barriers to the introduction of clean, more efficient technologies.
- Help each country meet **nationally-designed strategies** for improving energy security, reducing pollution, and addressing the long-term challenge of climate change.
- Promote the development, diffusion, deployment, and transfer of existing and emerging cleaner, more efficient technologies and practices that will **achieve practical results** in areas such as:
  - Energy Efficiency
  - Clean Coal
  - Natural Gas
  - Bioenergy
  - Methane Capture/Use
  - Civilian Nuclear Power
  - Geothermal
  - Agriculture/Forestry
  - Rural/Village Energy Systems
  - Advanced Transportation
  - Hydro/Wind/Solar Power
  - Building/Home Construction/Operation
- **Seek opportunities to engage the private sector.**
  - Over 200 U.S. companies involved.

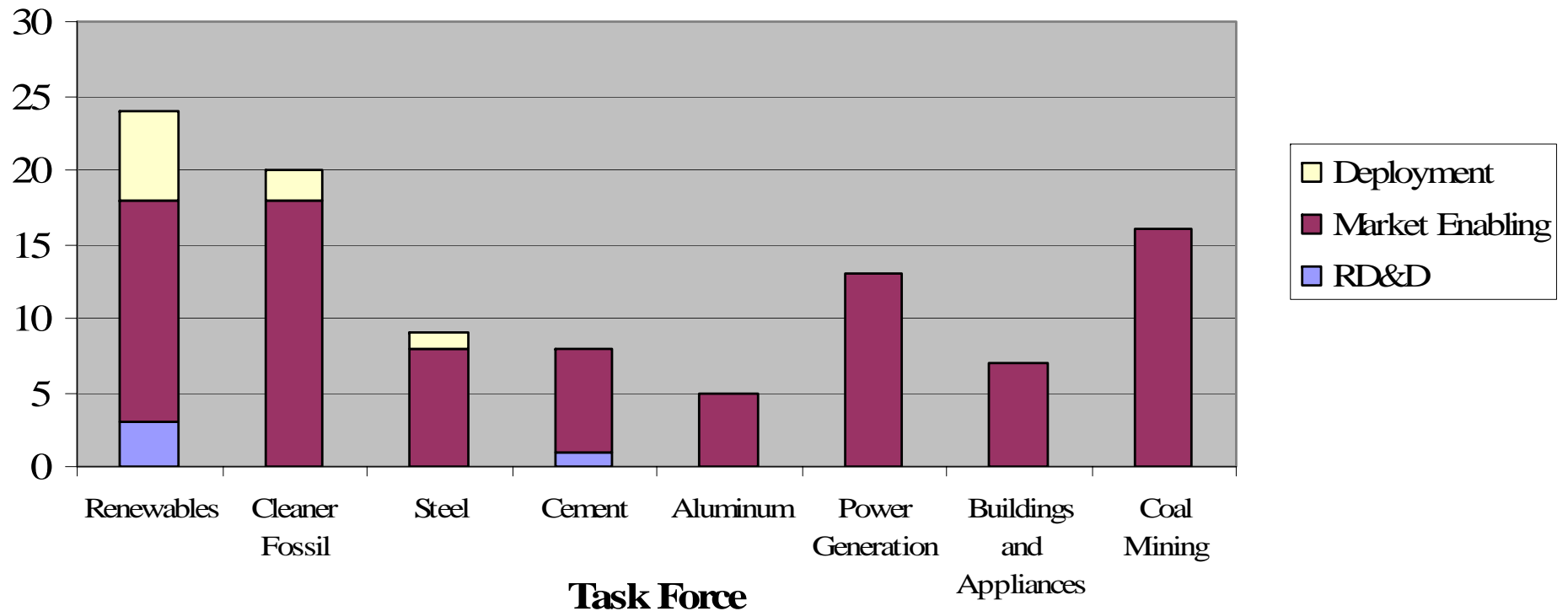


## Organization





## Current APP Projects: 98





## Examples of U.S.-Sponsored APP Projects

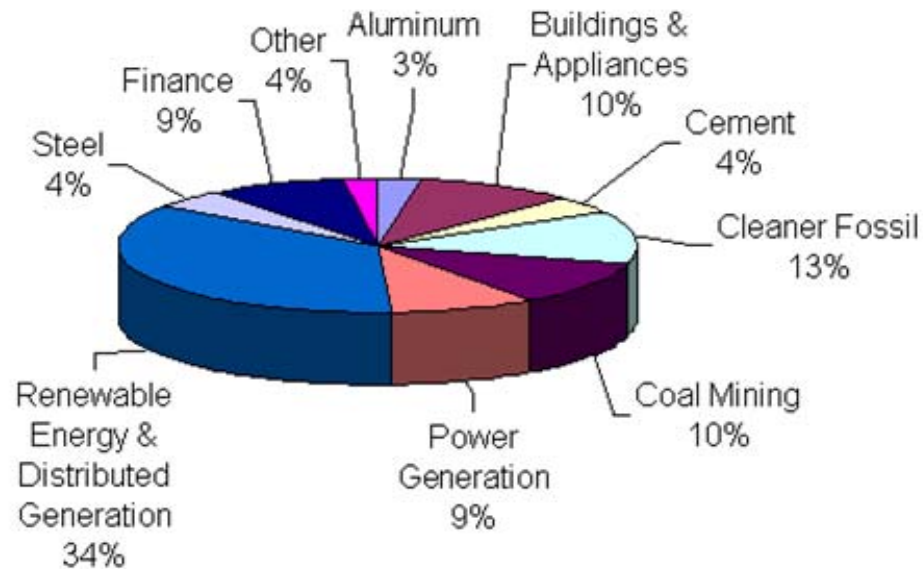
- **Aluminum Task Force:** Reducing highly potent greenhouse gases with the potential to eliminate the equivalent of 15 to 20 million tons of CO<sub>2</sub> per year in China alone — equivalent to emissions from 20 medium-sized coal power plants.
- **Building and Appliances:** Facilitated partnership with EPA and the Indian Bureau of Energy Efficiency to expand the Energy Star label to India.
- **Cement:** Planning for a 2008 technology exposition for environmental/energy efficient technologies and US policies/best practices for use of waste materials as alternate fuels in cement production.
- **Cleaner Fossil Energy:** Facilitating coal bed methane capture projects in China with the goal of 25 new coal methane capture facilities.
- **Coal Mining:** Sharing information with China and India on coal preparation and washing techniques to reduce significant ash quantities and to reduce CO<sub>2</sub> emissions by 15%.
- **Power Production and Transmission:** Hosting site visits and peer-to-peer review to address thermal and hydro power plant efficiencies, emissions controls, and demand side management.
- **Renewable Energy and Distributed Generation:** Conducted clean energy trade mission to China and India resulting in \$12 million projected exports of U.S. technology.
- **Steel:** “State of the Art” Technologies Handbook to be released in 4<sup>th</sup> quarter of 2007 that will forge connections between suppliers and industry.



## Open Solicitation for New APP Projects

- Recent solicitation for new APP projects engaged 150 new companies, NGOs, and universities.
- Fall 2007 start date for selected projects.

**Concept Papers by Total Grant Request**



- Total Grant Request = \$168 Million
- Total Number of Concepts ~ 180

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## For More Information

- **Web sites:**

- [www.asiapacificpartnership.org](http://www.asiapacificpartnership.org)
- [www.state.gov/app](http://www.state.gov/app)

- **E-mail:**

- [APP\\_ASG@state.gov](mailto:APP_ASG@state.gov)
- [APP\\_US@state.gov](mailto:APP_US@state.gov)