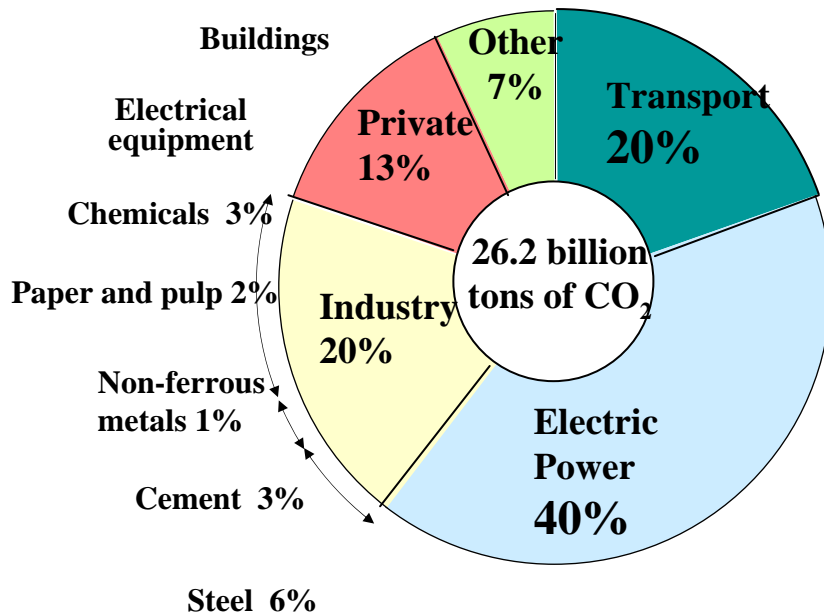


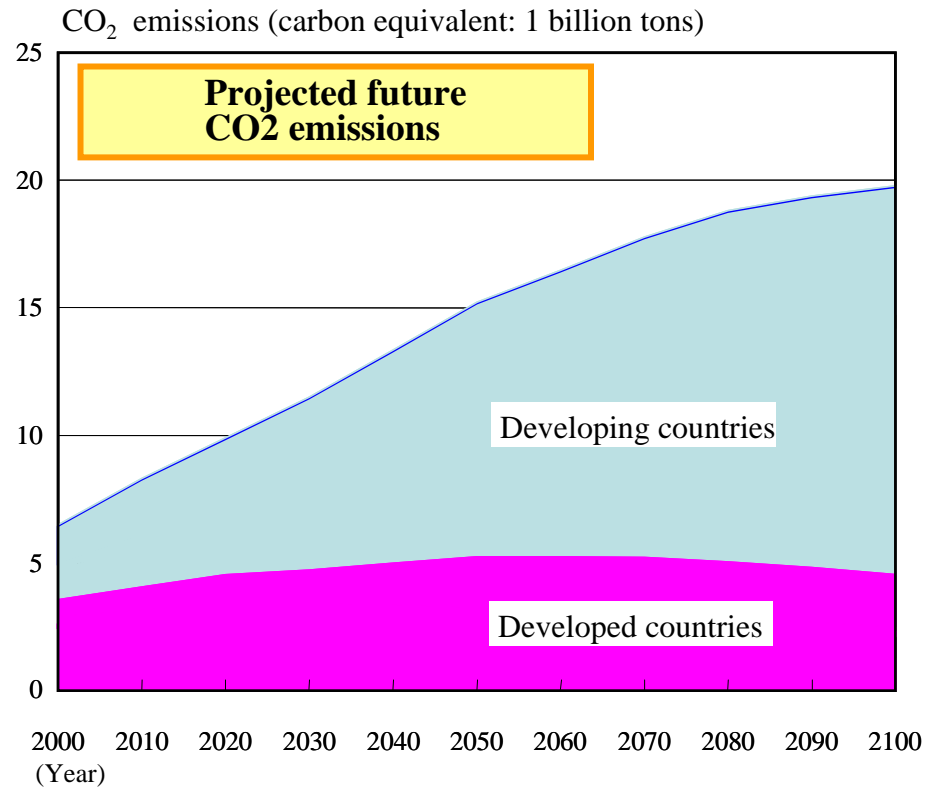
# Worldwide CO2 Emissions and Projected Future Levels

○ Drastic global reduction of CO2 emissions is essential. The road transport sector produces about 20% of CO2 emissions, so it should make efforts to reduce this major source of emissions. Developed countries need to take the initiative in emissions reduction, but under the principle of “common but differentiated responsibility,” there is a growing international expectation that developing countries should also take measures to reduce CO2 emissions.

## Percentage of Global CO2 Emissions by Sector (2004)



Source: International Energy Agency



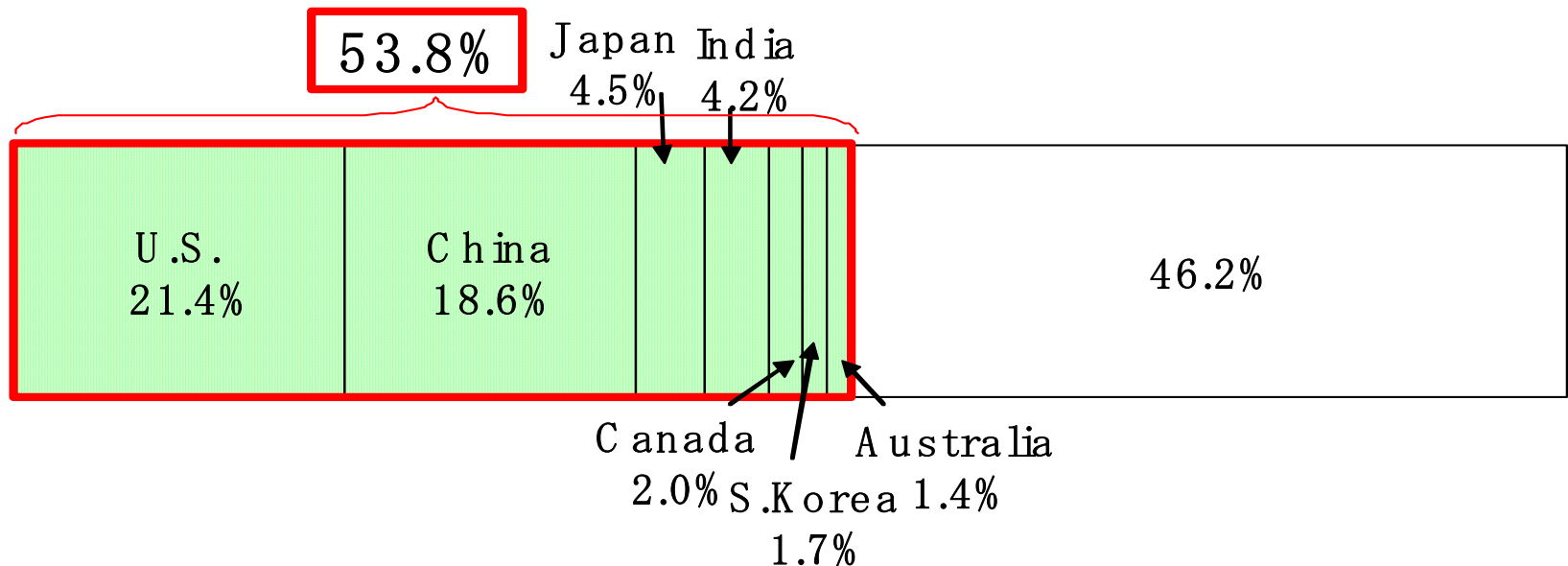
Source: Kainuma, et al., 2002: *Climate Policy Assessment*, Springer, p. 64

# APP (Asia-Pacific Partnership) ①

## (1) Asia-Pacific Partnership

- Multilateral partnership for regional cooperation
- Established in 2005 under the initiative of the U.S.
- 7 partners: Australia, Canada, China, India, Japan, South Korea, U.S.
- To complement the Kyoto Protocol
- CO2 emissions from 7 APP countries account for about 54% of the total worldwide basis of emissions.

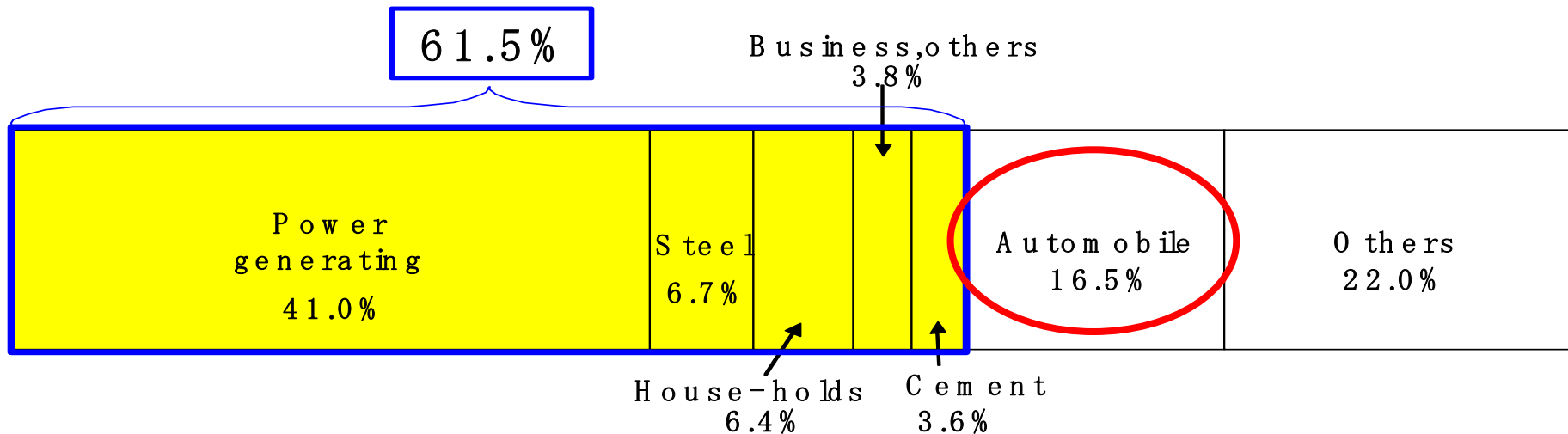
### ➤ Share of absolute level of emissions by countries



## (2) Sector based energy technology-oriented cooperation

- 8 sectors: Aluminum, Buildings and Appliances, Cement, Cleaner Fossil Energy, Coal Mining, Power Generation and Transmission, Renewable Energy and Distributed Generation, Steel

➤ The share of CO<sub>2</sub> emissions by 8 sectors in 7 countries represents about 60%



# APP Road Transport Sector Workshop @Tokyo September 18-19, 2008

