

A horizontal banner at the top of the slide containing five small images: a blue sky with white clouds, a person in a yellow shirt climbing a rope, a map of Asia with glowing blue lines, a green mountain landscape, and a white wind turbine against a blue sky.

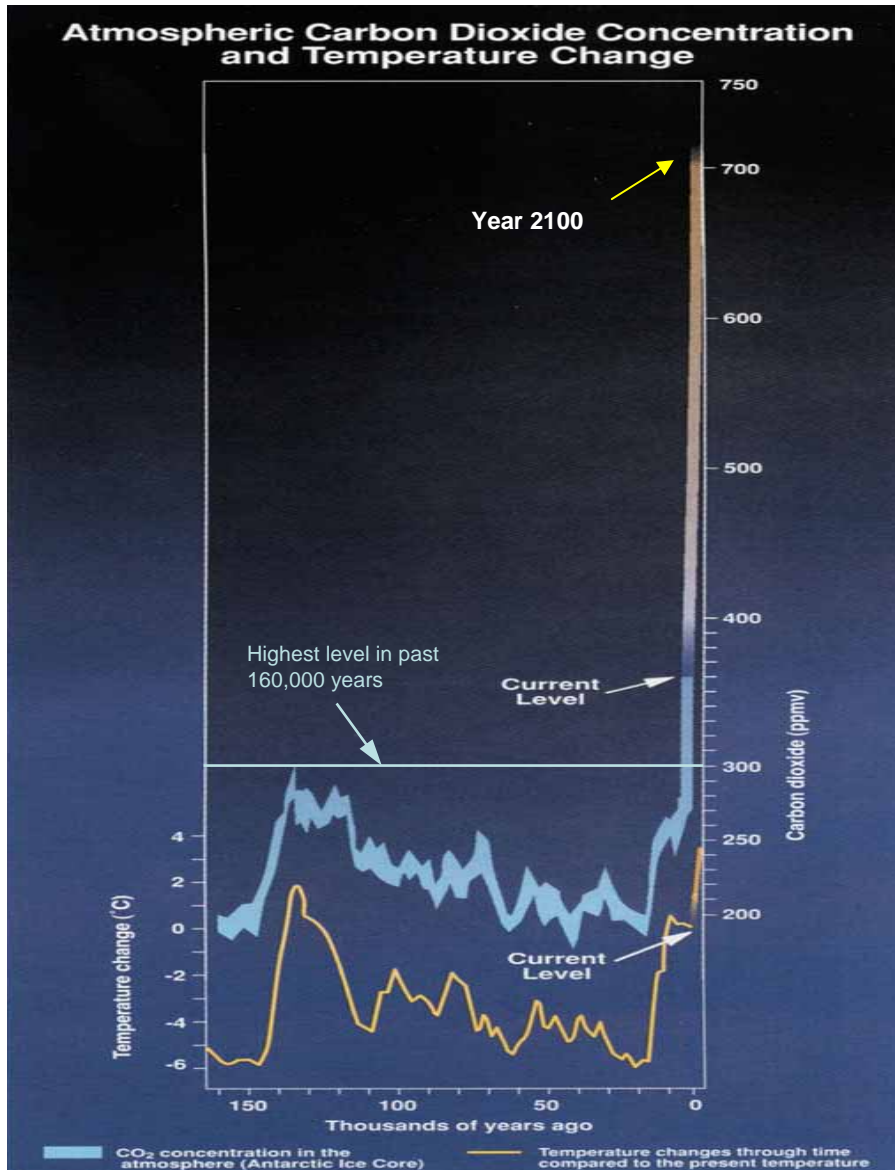
Asia on the Copenhagen

“Setting the Stage”

Josh Carmody

OECD-ESCAP Regional Conference on Corporate Responsibility.
“Why Responsible Business Conduct Matters”, Nov 2-3 2009



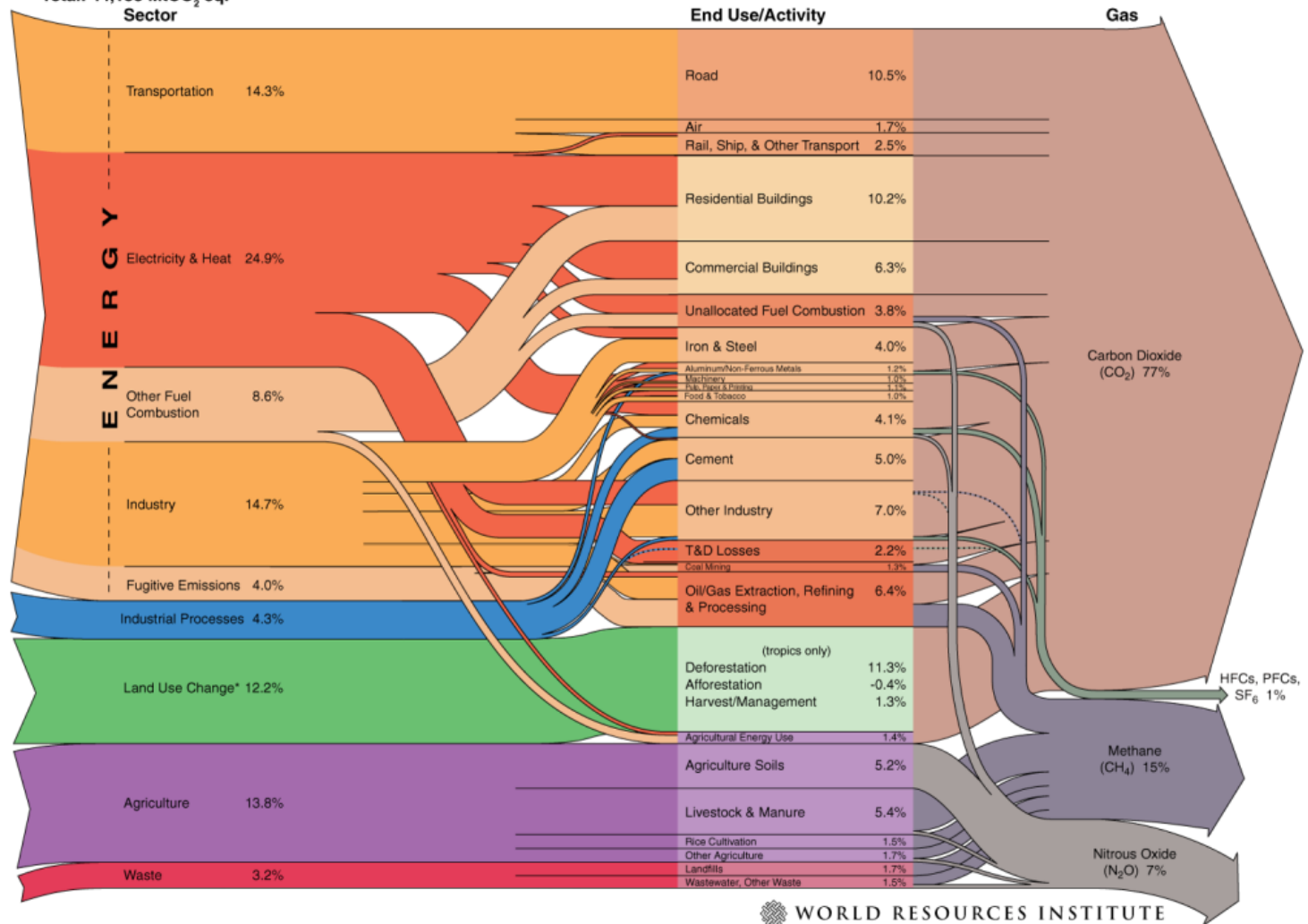


- Highest CO₂ levels now in over 160,000 years
- Under “business as usual”, GHG’s projected to increase exponentially over next 50-100 years
- It is the correlation driving change
 - CO₂ & temperature change
 - Human contribution.



World Greenhouse Gas Emissions in 2005

Total: 44,153 MtCO₂ eq.



WORLD RESOURCES INSTITUTE

The Economics of Climate Change



- ❑ Climate Change is happening in South East Asia.
- ❑ SE Asia = 653 million people
- ❑ SE Asia = 173, 251 km of coastline
- ❑ Heavily reliant on Agriculture: (i) 43% of 2004 employment; (ii) 11% of GDP
- ❑ High susceptibility to drought, flood, typhoon
- ❑ World's largest provider of forest products

The Impacts of Climate Change (SEA)



- ❑ Mean temperature rise 0.1- 0.3 Degrees Celsius per decade from 1951 - 2000
- ❑ Sea level increases 1-3 mm per year
- ❑ Decreased rainfall trend
- ❑ More increased drought, flood, storm.
- ❑ High susceptibility to drought, flood, typhoon
- ❑ Phil Storm numbers – 20 between 1960-69 & 120 b/w 2000 – 2008.

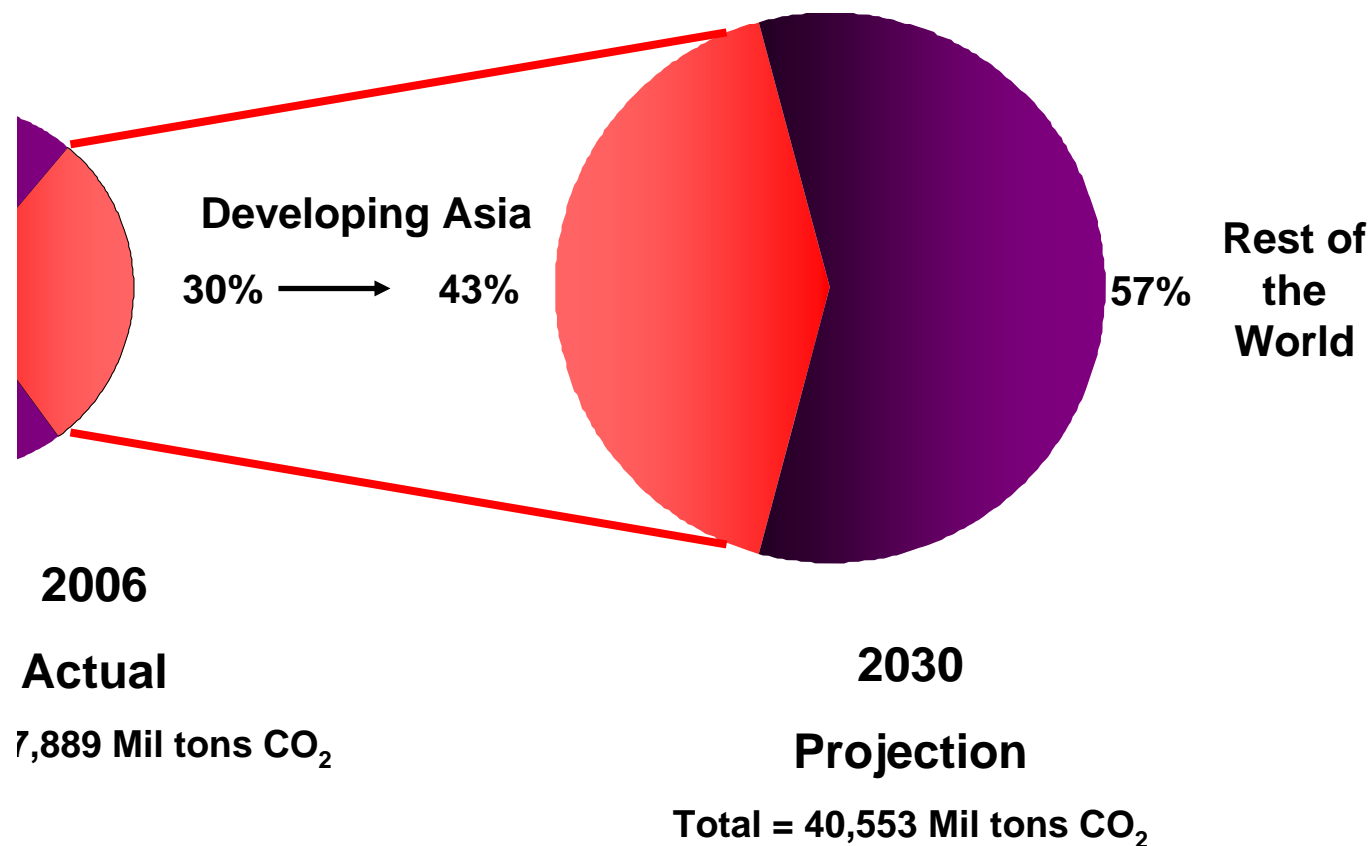
The Impacts of Climate Change (2)



- Predicted changes for South East Asia include:-
 - Annual mean temperature rise 4.8 Celcius by 2100;
 - Mean sea level rise of 70 cm by 2100;
 - Thailand, Indonesia, Vietnam, dryer over next 2-3 decades;
 - Rice yield potentail will decline by up to 50% by 2100;
 - Potential economic cost 6.7% of GDP by 2100 (x2 world average).

Asia's Share in Global CO₂ from Energy Consumption

ADB



Source: ADB, data from IEA World Energy Outlook 2008