

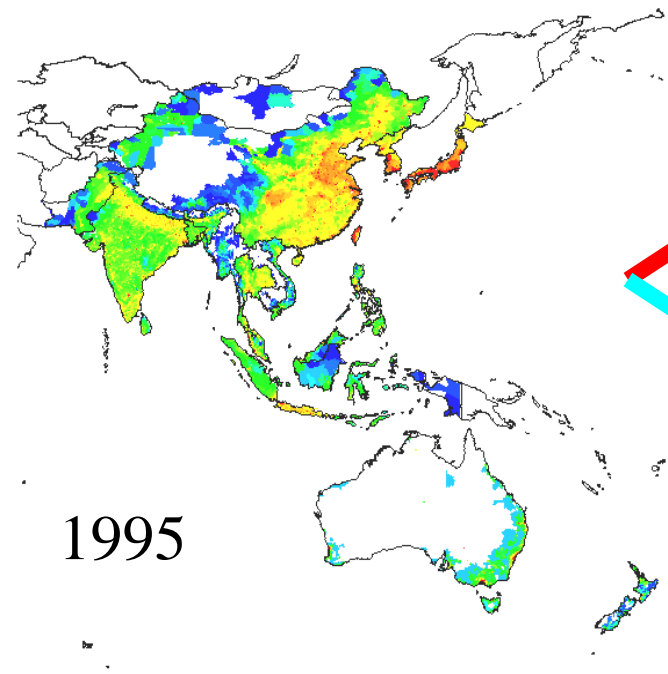
**Asia-Pacific Forum for Collaborative Modeling
on Climate Policy, October 25, 2002
Hotel Grand Inter-Continental, New Delhi**

Future Emissions and Mitigation Modeling

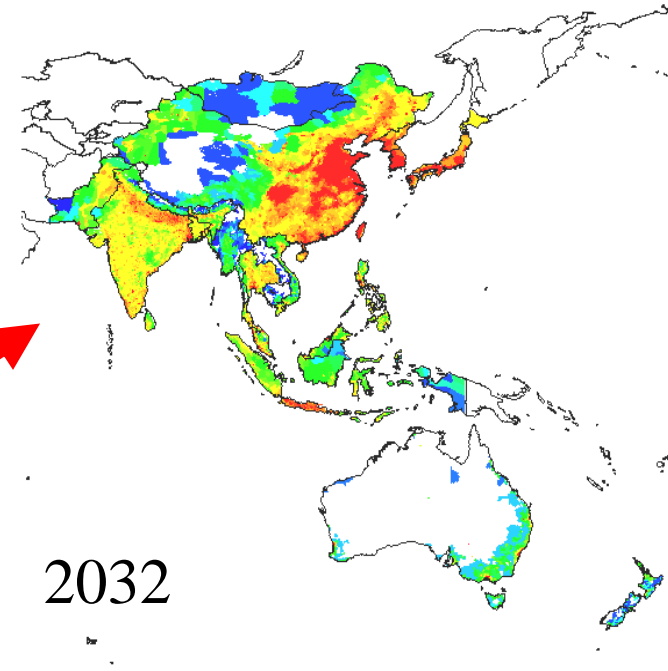
Mikiko Kainuma

National Institute for Environmental Studies

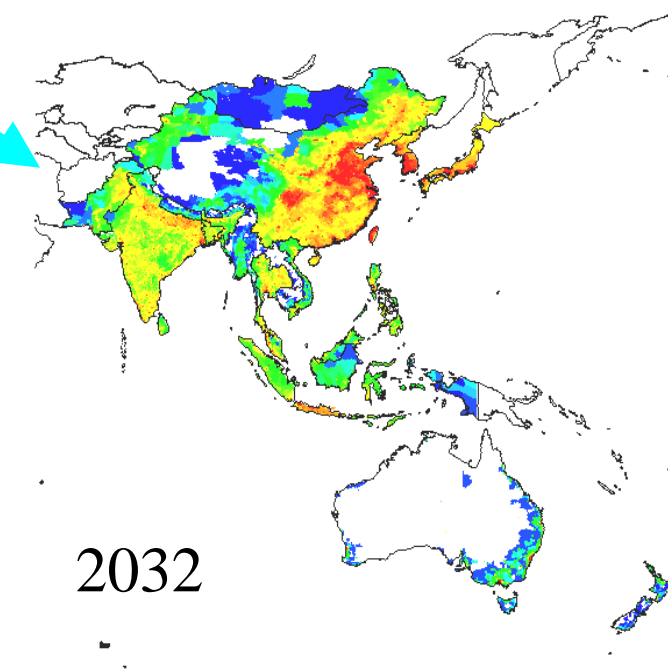
CO2 emission intensity



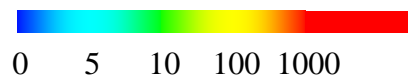
Market

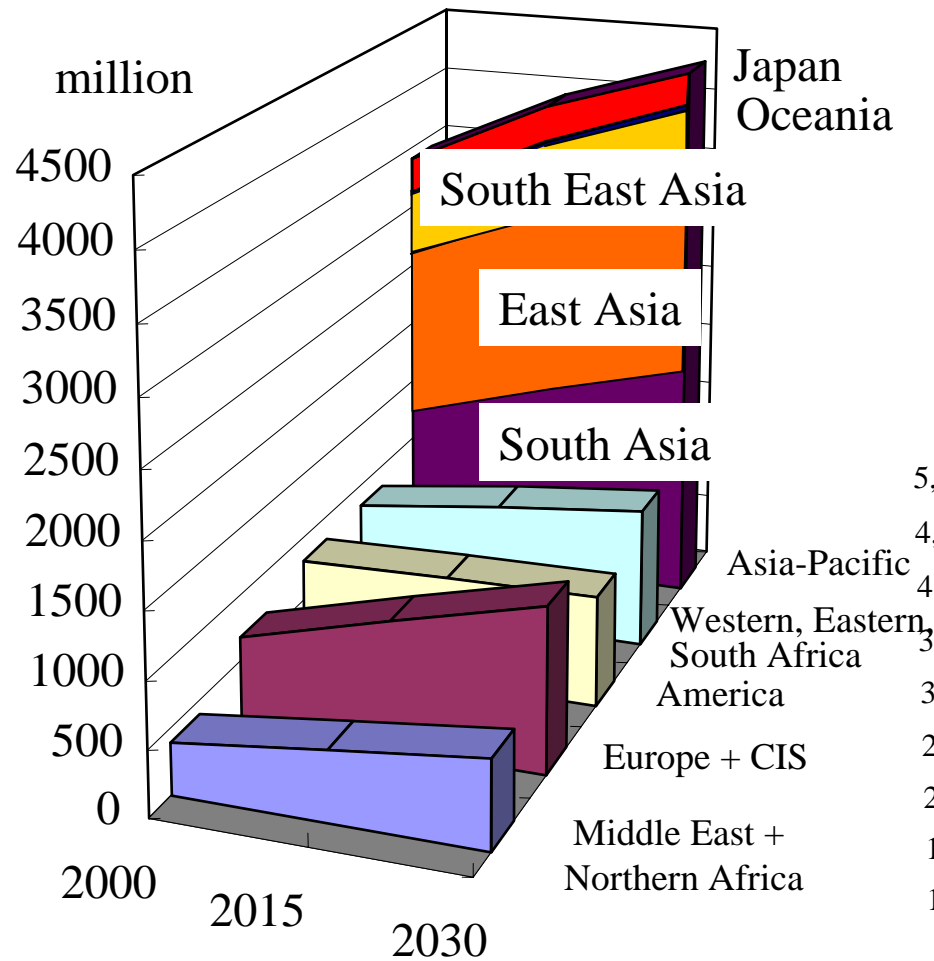


Policy

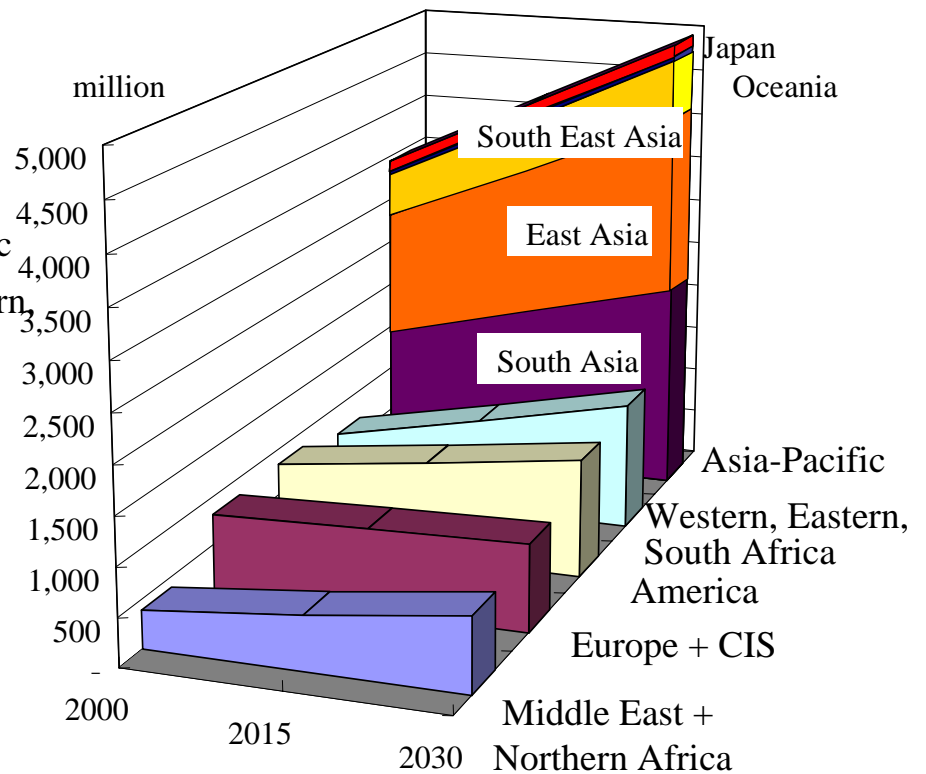


gC/m²/year

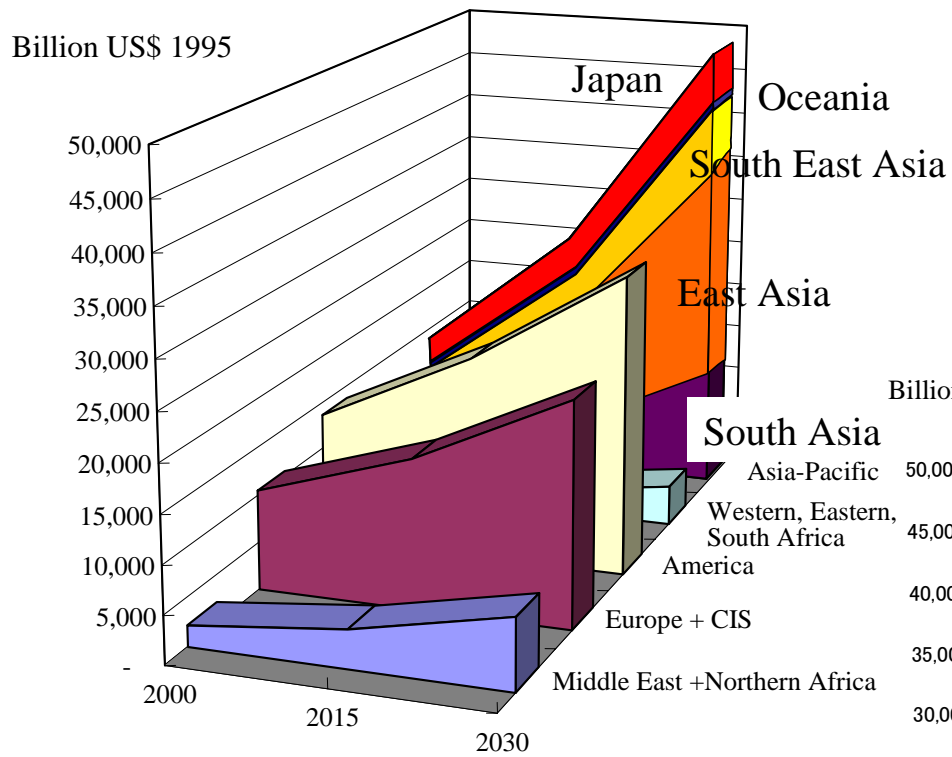




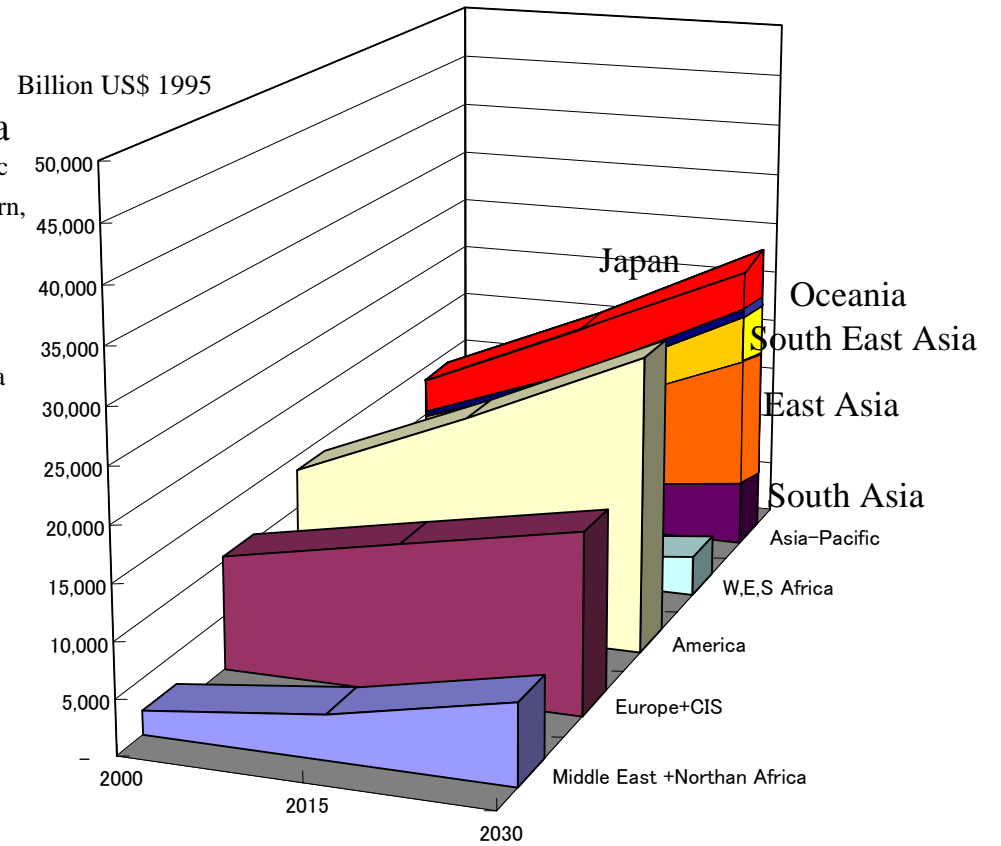
Population projection in Market First Scenario



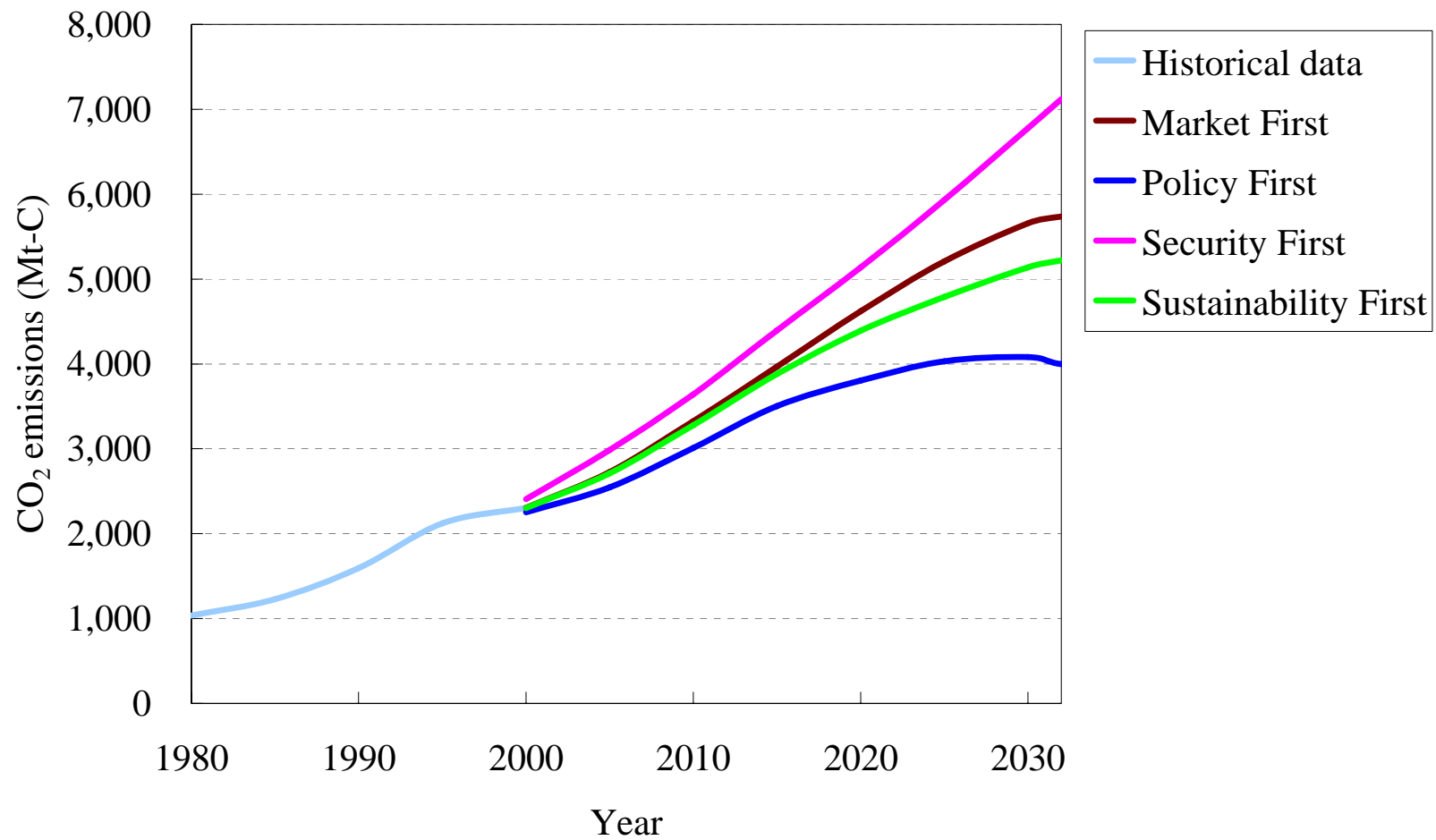
Population projection in Security First Scenario



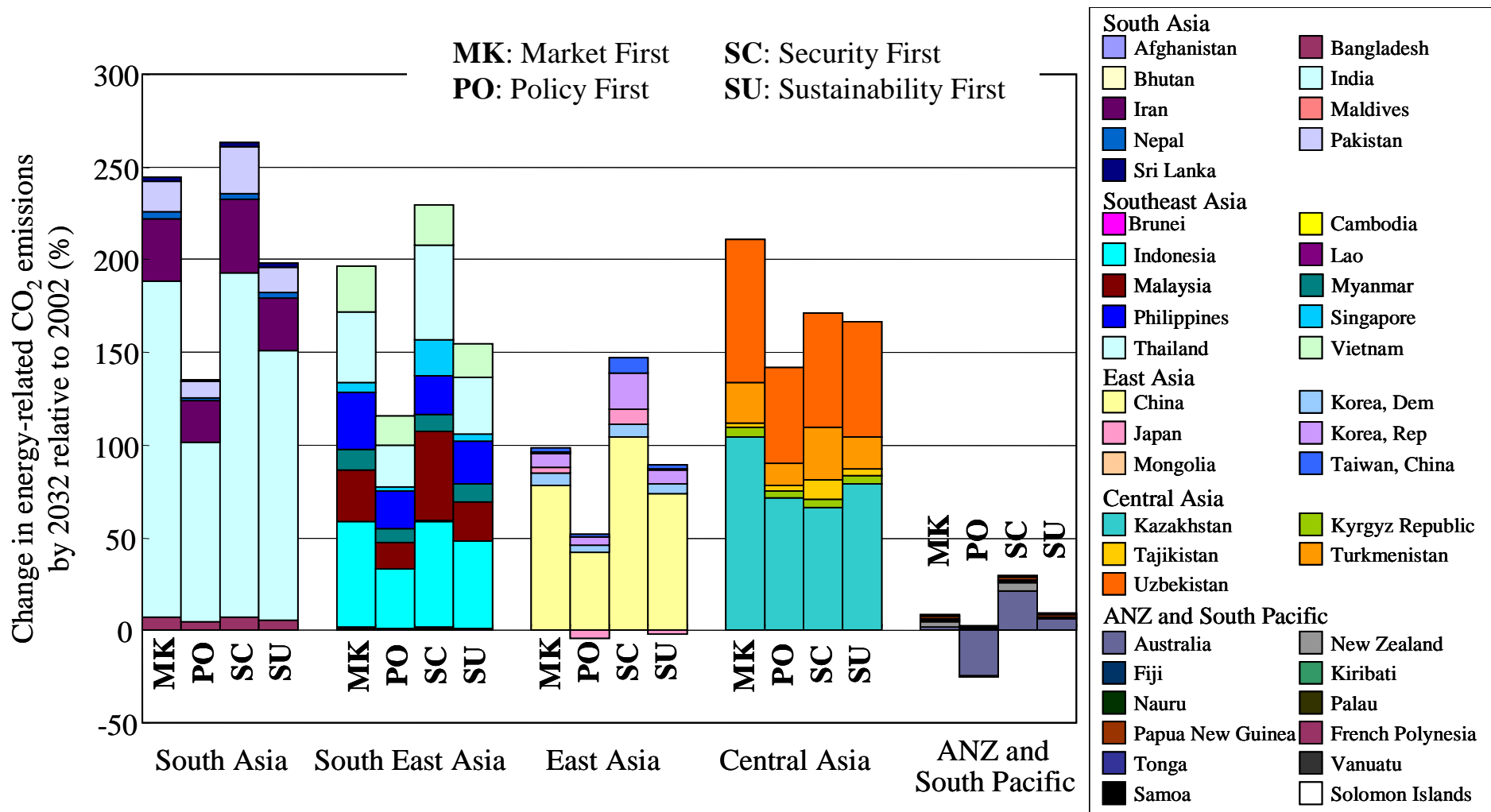
World GDP in Market First Scenario



World GDP in Security First Scenario



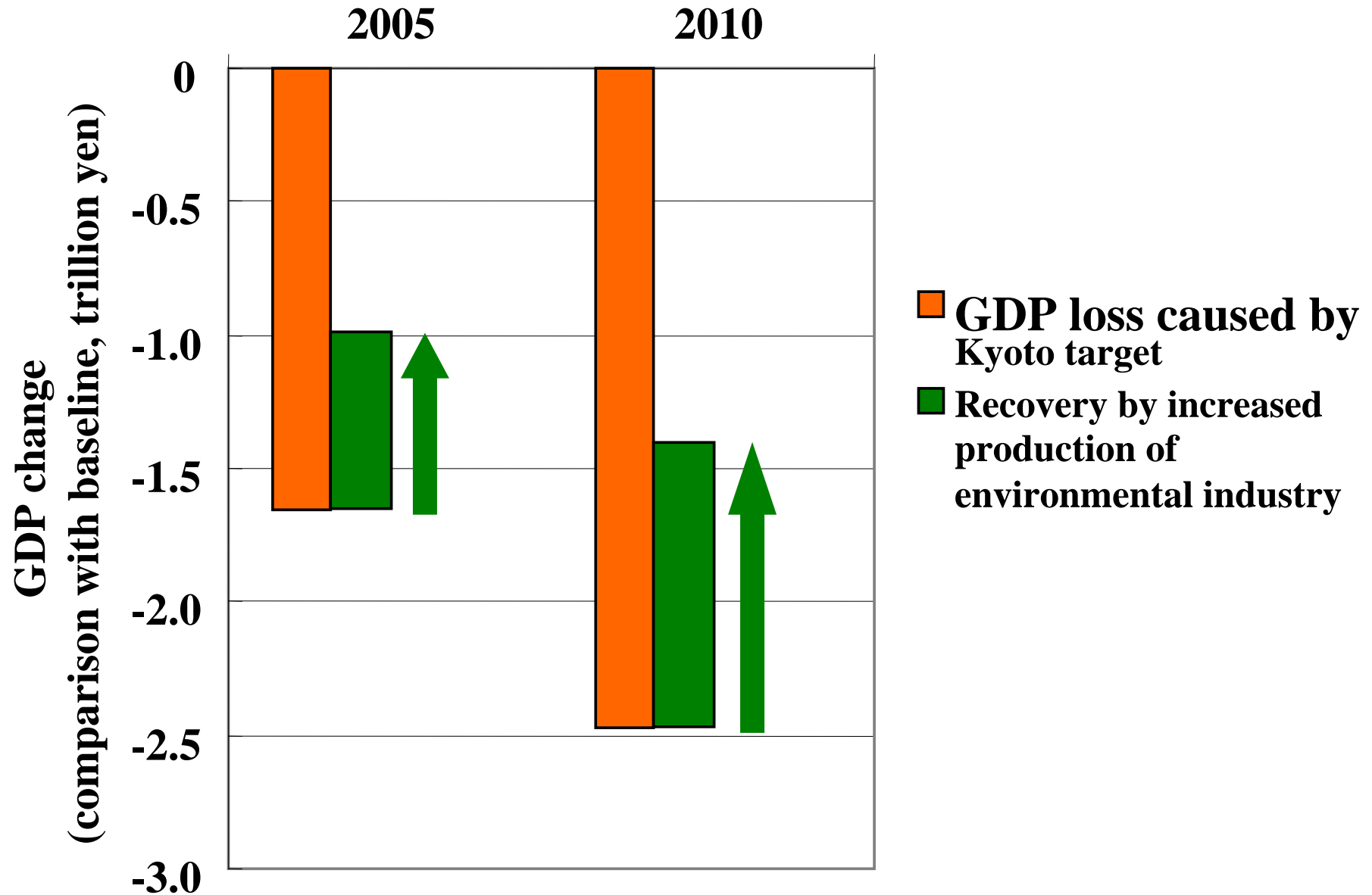
Energy related CO₂ emissions in the Asia-Pacific region



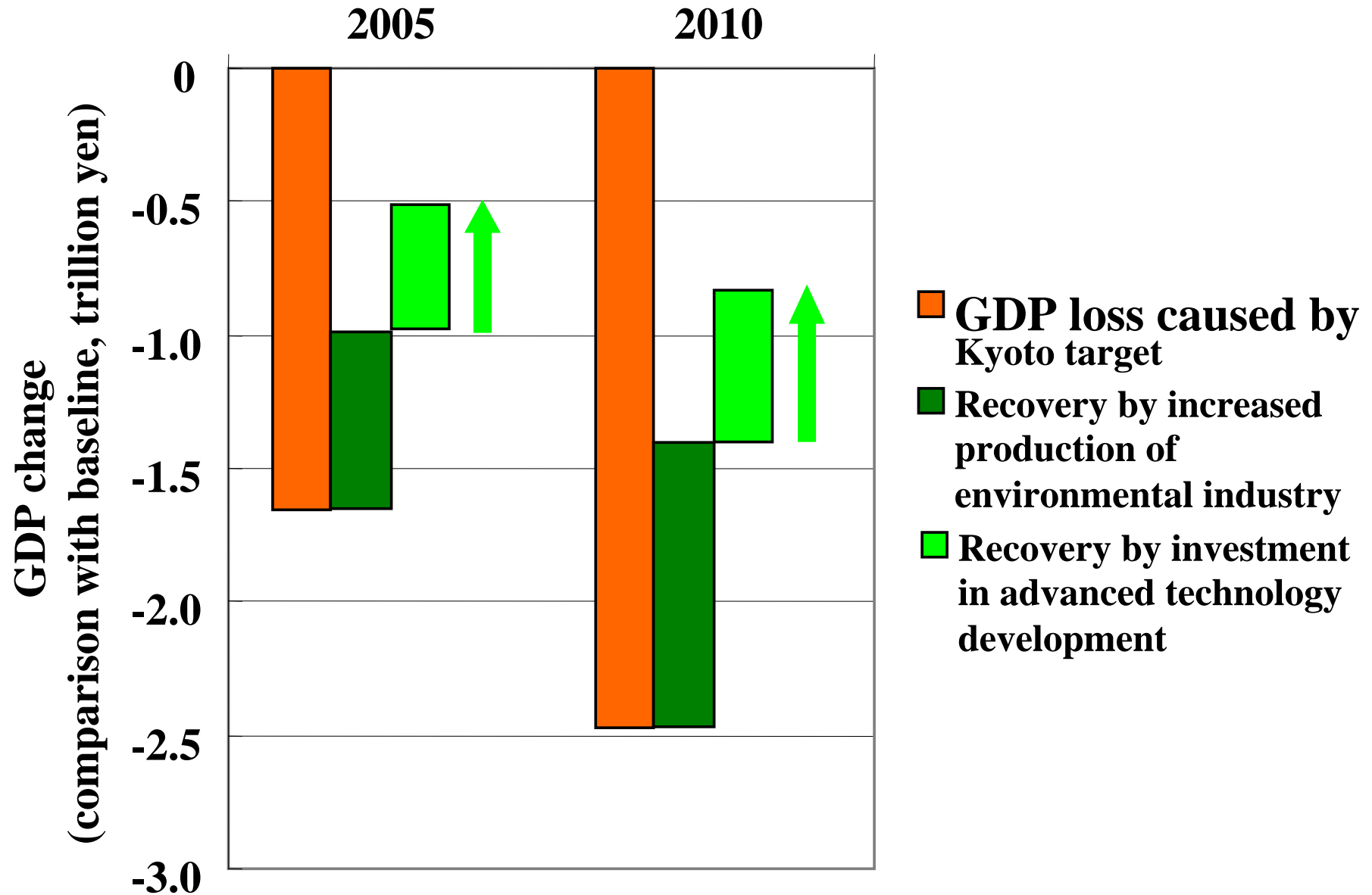
Change in energy related CO₂ emissions by 2032 relative to 2002 in sub-regions of the Asia-Pacific region

Japanese reduction and recovery of GDP caused by Kyoto

(without international emission trade)

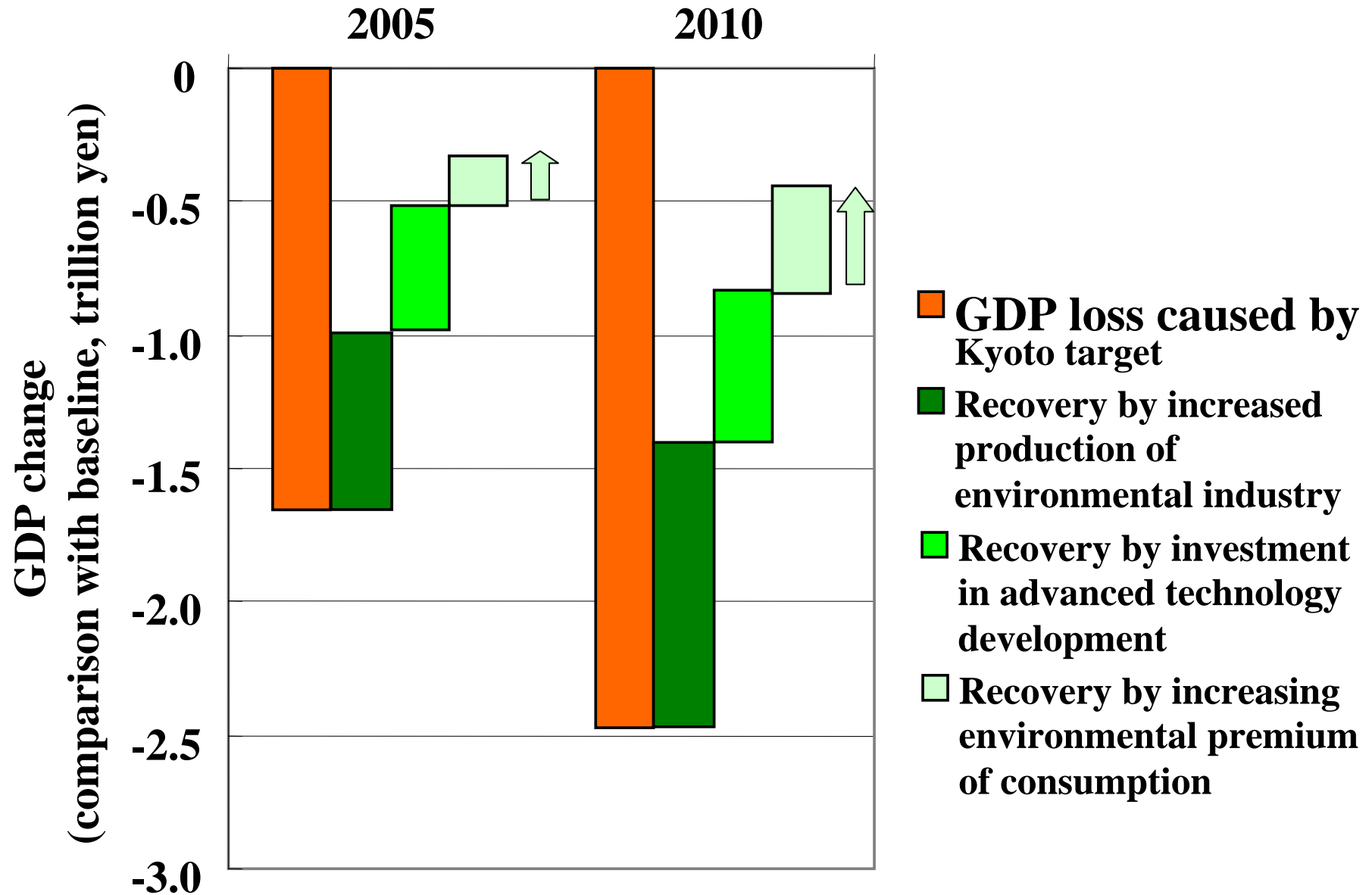


Japanese reduction and recovery of GDP caused by Kyoto (without international emission trade)

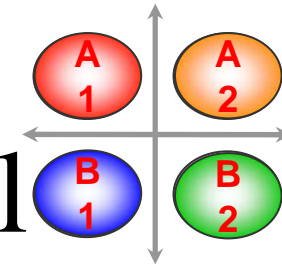


Japanese reduction and recovery of GDP caused by Kyoto

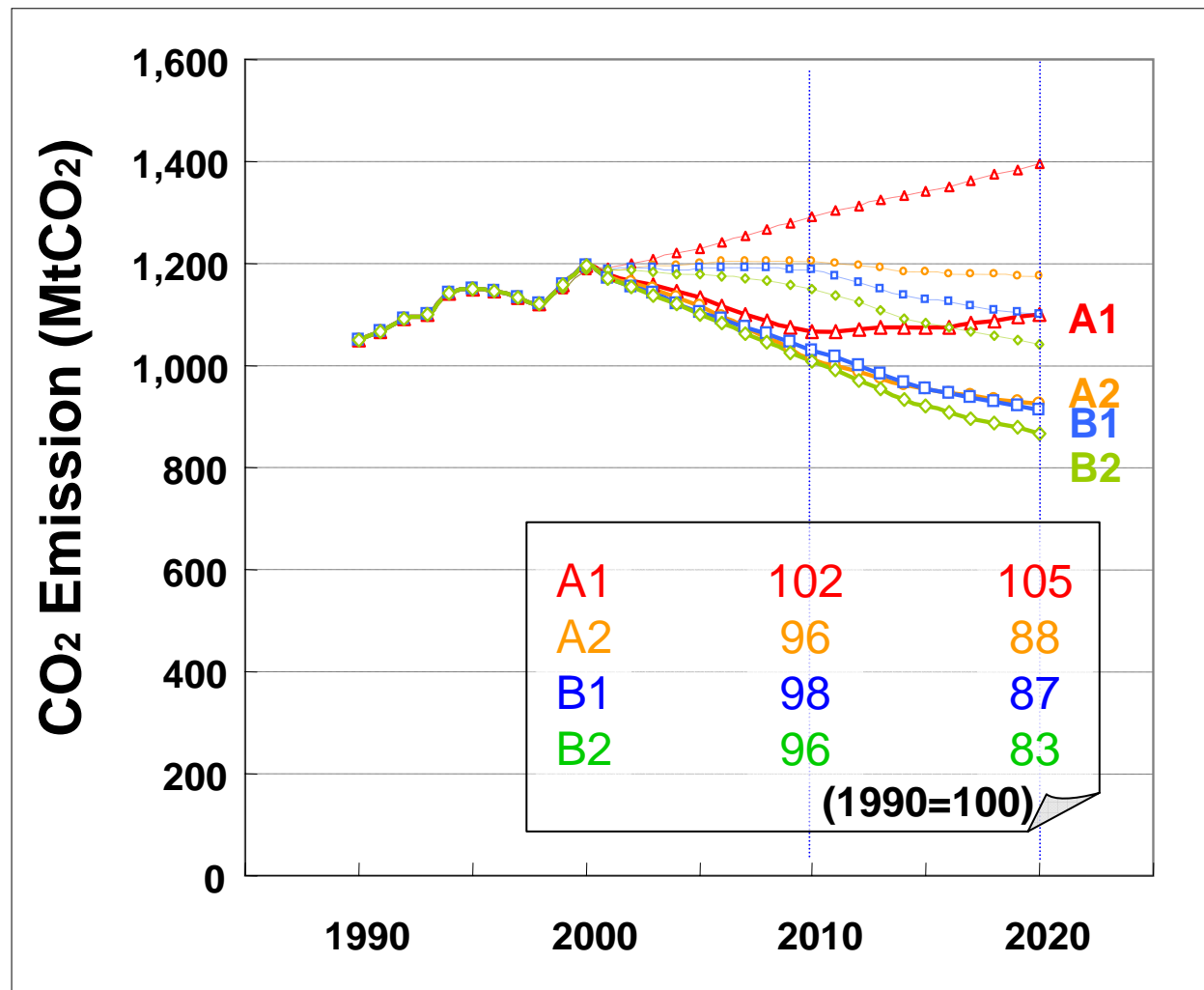
(without international emission trade)



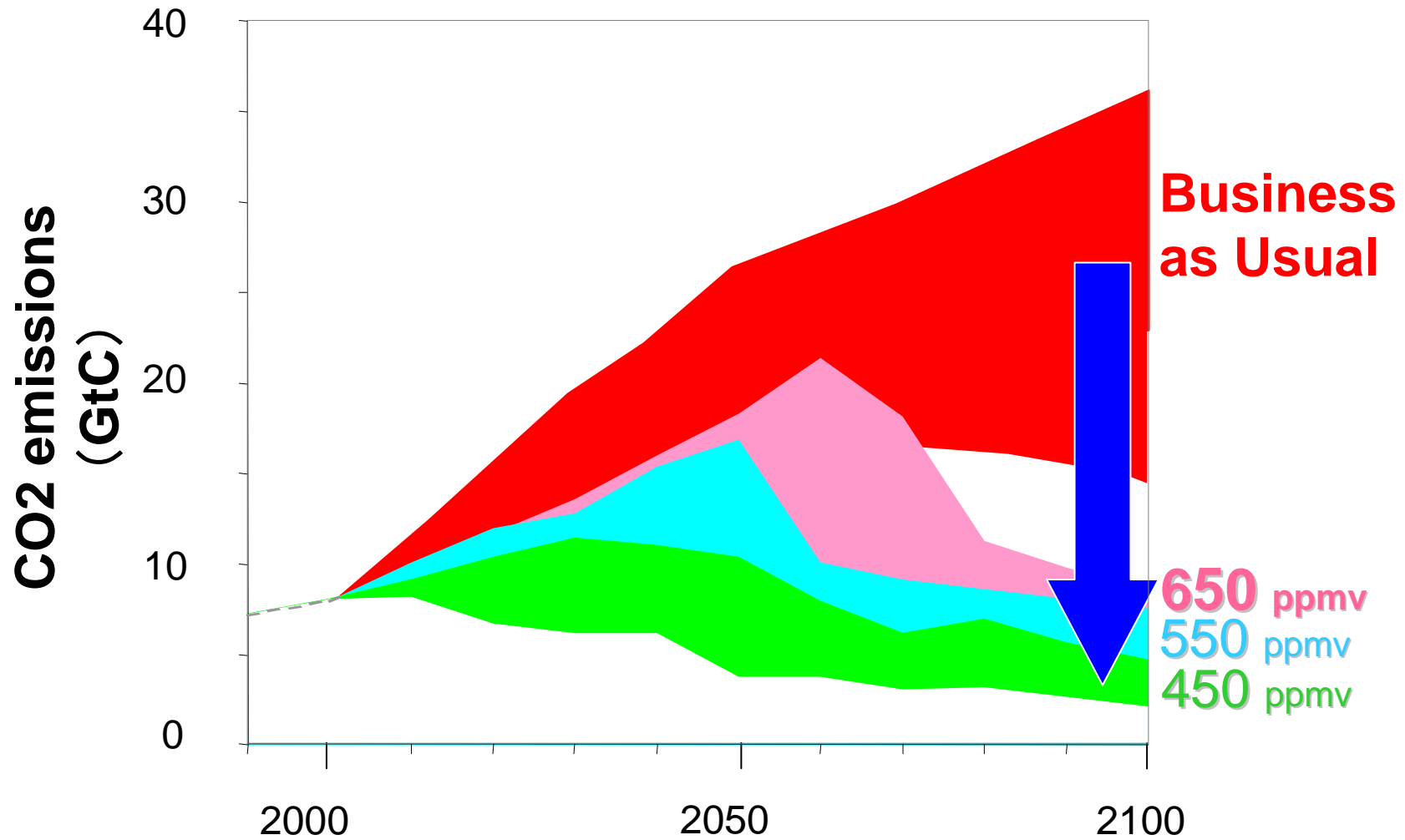
Estimates of CO₂ Emission in Japan with AIM end-use model



< Countermeasure case >



Necessary reductions for stabilization assuming Business as Usual development path



Environmental Innovations for Cost Reduction

