

Lecture 20, Monday, April 13, 2008

Addressing global warming: what to do and how to get it done?

First part of lecture: discussion of 2nd hour exam

OVERVIEW OF THIRD PART OF COURSE

What CAN be done?

Mitigation: reduce greenhouse gas emissions, increase uptake

Adaptation: changes that will reduce the negative impacts of climate change

Two types of action to reduce direct emissions

Technical fix: improved energy efficiency (lighting, transportation, home heating/AC, refrigerators), carbon sequestration, renewable energy

Change in lifestyle: urban design, tele-business travel

Indirect:

Reducing your overall carbon footprint by buying carbon offsets (reduce emissions, esp methane; increase uptake—protect or plant forests)

“clean development mechanism” in Kyoto protocol: bankroll projects in developing countries