

CCS - Bridging technology towards a renewable future

Presentation by:
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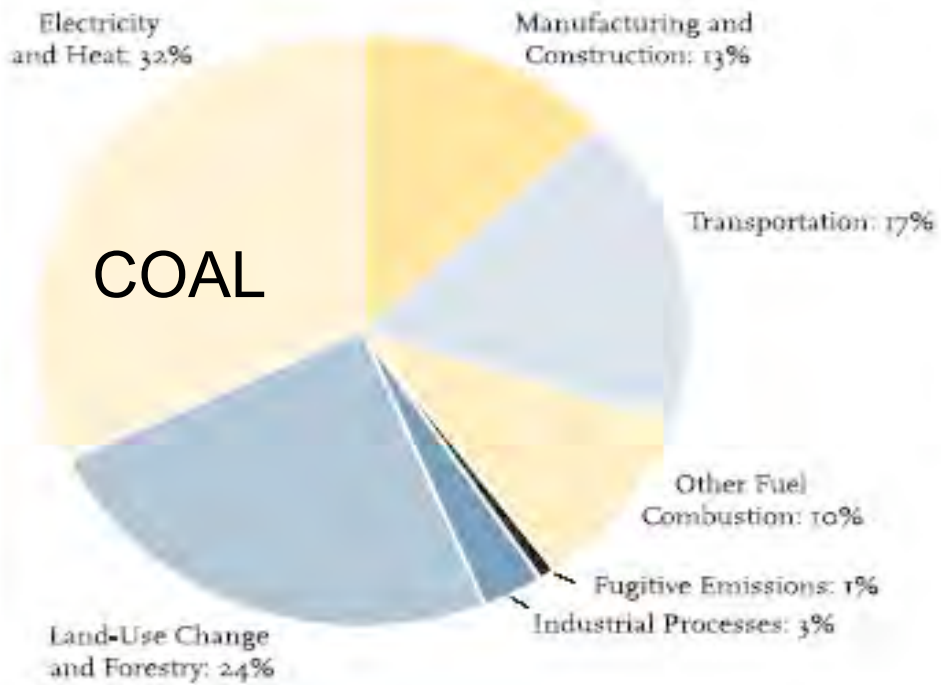
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World Environment Day 2007, National Geographic Society

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FIGURE 2 | GLOBAL CO₂ EMISSIONS BY SECTOR (2000)



Source: World Resources Institute, Climate Analysis Indicators Tool (CAIT), version 3.0 (Washington, DC: World Resources Institute, 2006).

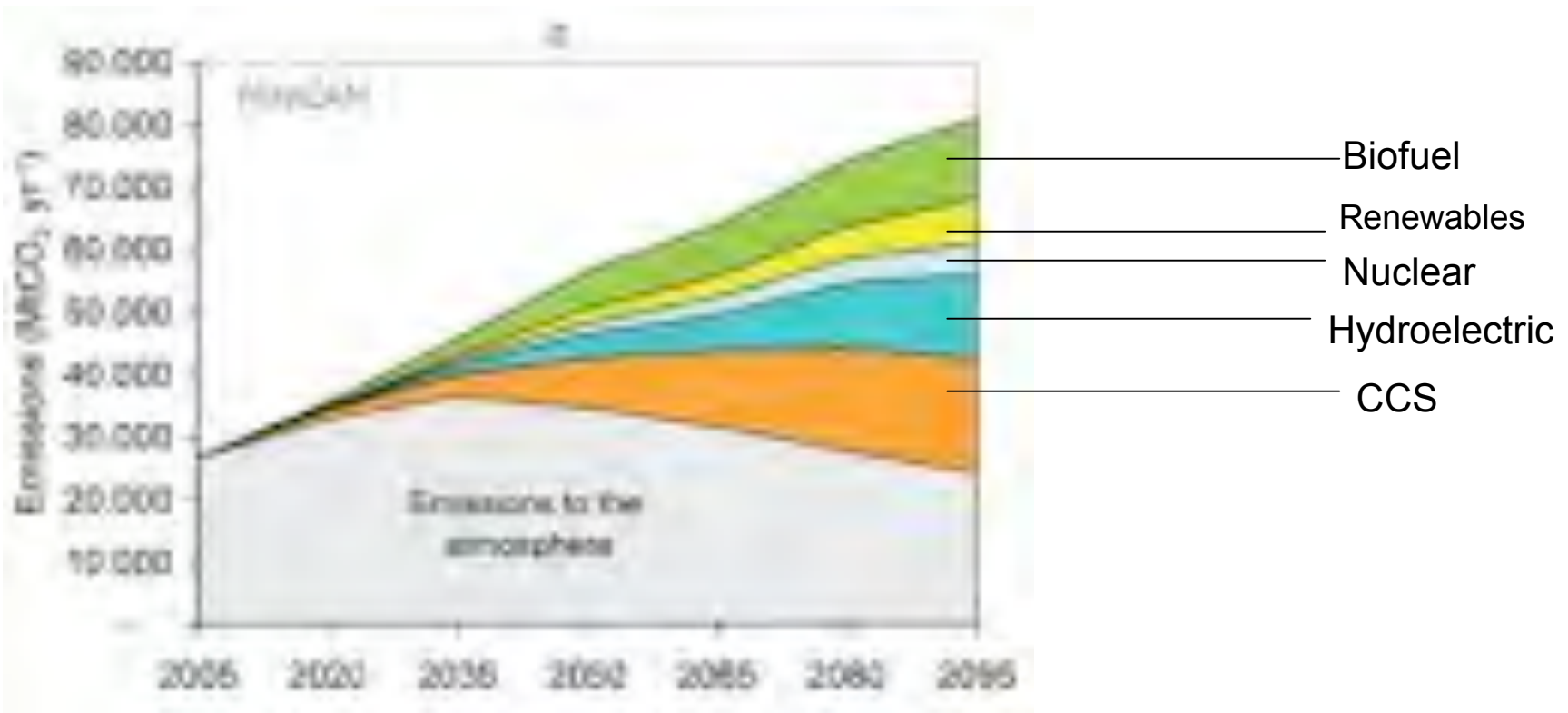
Note: Transportation emissions include international transport emissions, referred to as "international bunkers."



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How to get steep reductions

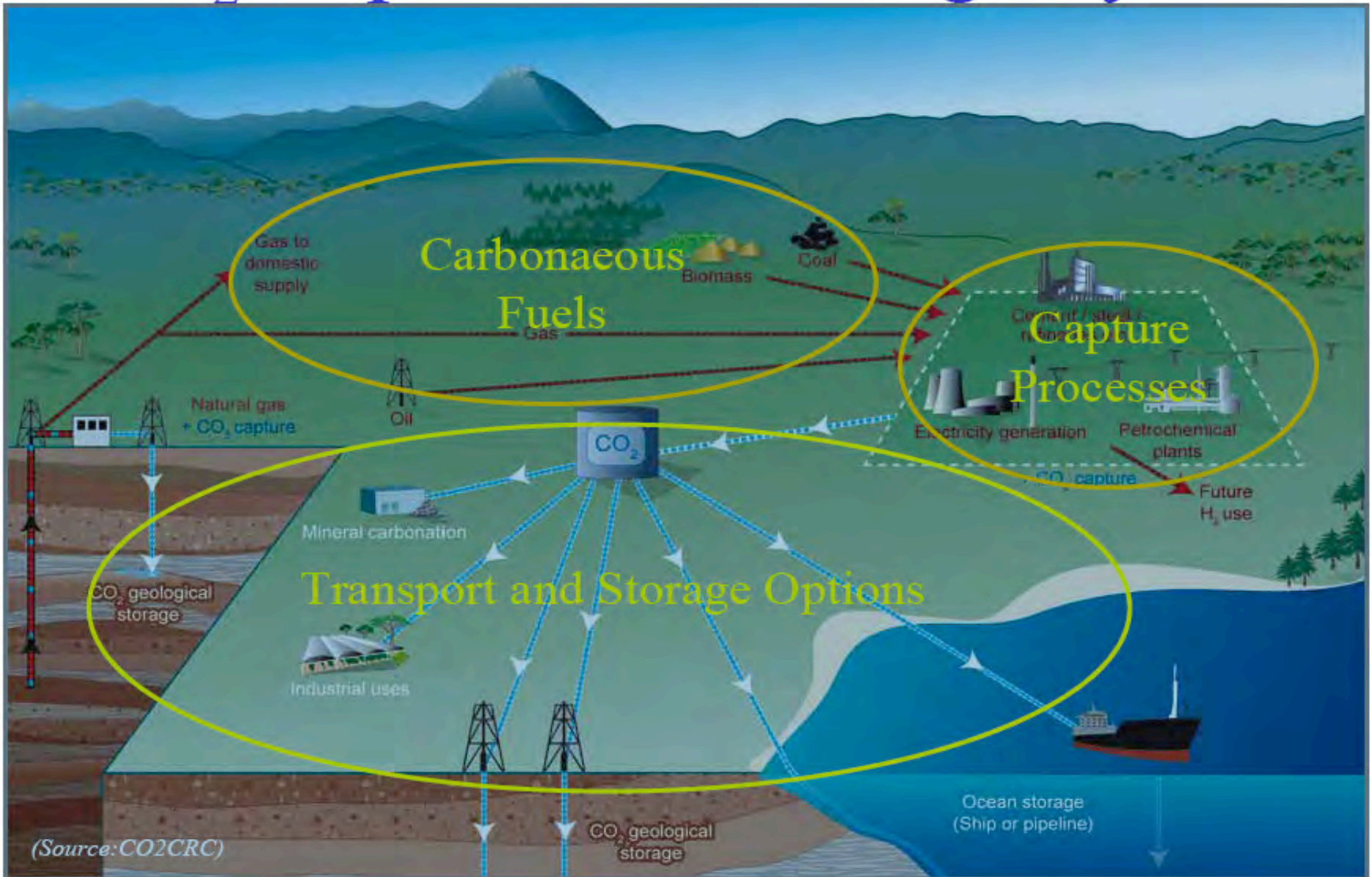


Source: MinCAM from IPCC



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Renewables:

Wind and solar entering the energy market



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Transportation:

33 percent of CO₂ emissions in the U.S. 17 percent of global emissions and growing:

Plug-in Hybrids

Cellulosic Ethanol -

Electric - Fuelcells ?

Public transportation/urban design


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Four steps to stop Carbon lock-in!

- 1. Carbon pricing - true cost of energy**
- 2. Moratorium on new non-CCS coal power**
- 3. Include CCS in Clean Development Mechanisms**
- 4. Aggressive fuel efficiency standards**

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A photograph of two polar bears walking on a snow-covered ice floe in a blue sea. The bears are white and are walking from left to right. The background shows more ice floes and the sea.

Thank you for your attention !

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