Federal Climate Change Legislation: Protecting Natural Resources for Wildlife and People

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How Cap and Trade Can Protect Natural Resources Threatened by Climate Change

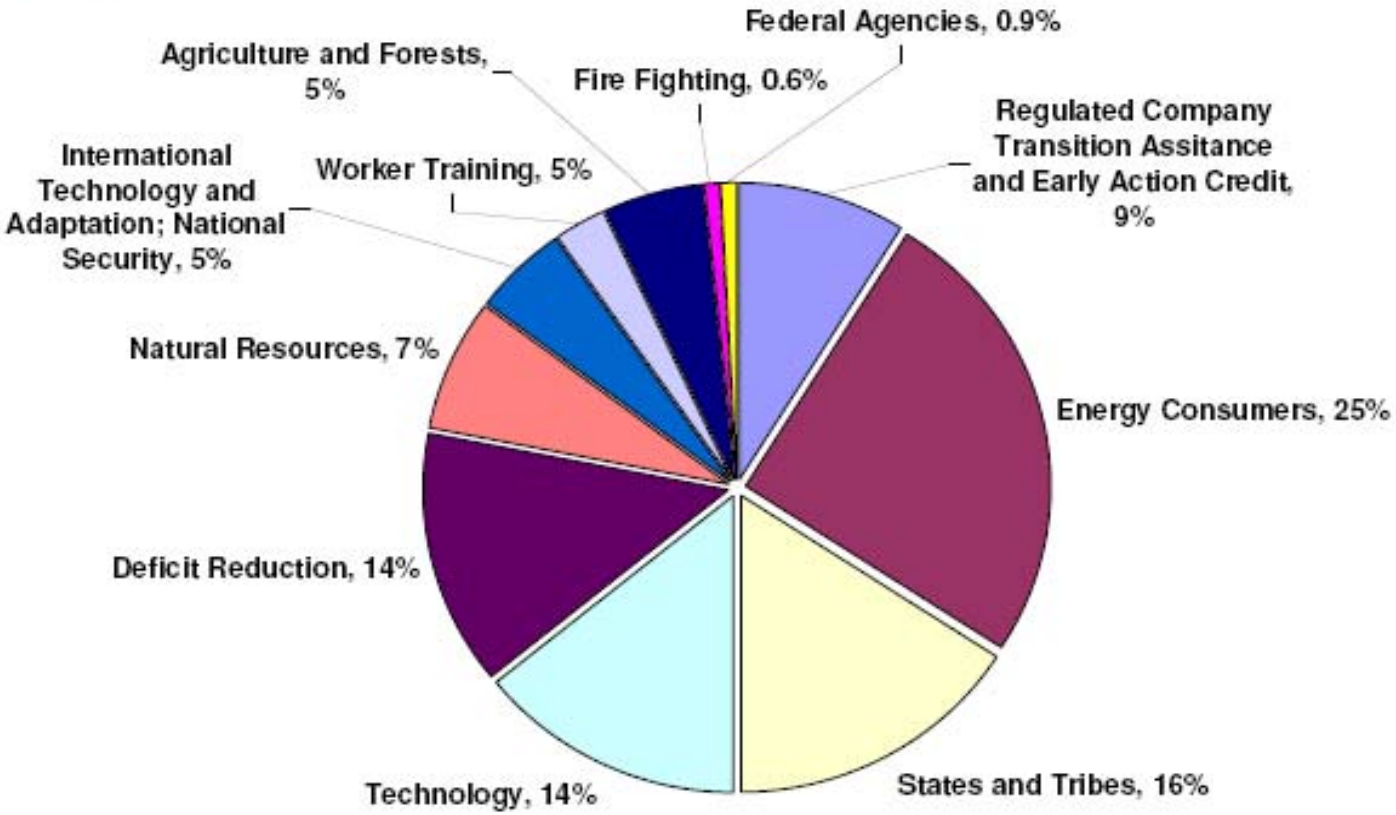
- Caps on GHG Emissions by Industry
- $ to Help Reduce GHGs Thru Land Use Changes: Sequestration
- $ to Address Inevitable Warming: Adaptation

CLIMATE SECURITY ACT

- 2 Percent Annual Reductions in GHGs

- Investment in U.S. Forests and Soils Sequestration: **$115B Through 2030**
- Investment in U.S. Natural Resources Adaptation: **$137B Through 2030**

Climate Security Act: Allowance Distribution
Percent of Total Value, 2012-2050
Boxer-Warner-Lieberman Substitute Amendment
May 31, 2008



Note: Allowance Prices Based on EPA Analysis, Scenario 10

HOW CSA ALLOCATES NATURAL RESOURCE ADAPTATION FUNDS

- DOI: 26 %
- USFS: 11 %
- EPA: 6 %
- Corps: 7 %
- NOAA: 8 %
- States & Territories: 41 %
- Tribes: 1 %

Activities Potentially Eligible for Sequestration Funds under CSA

- Altered tillage
- Winter cover cropping
- Conversion of cropland to rangeland or grassland
- Afforestation or reforestation
- Forest management for increased stand volume

Activities Eligible for CSA Adaptation Funds

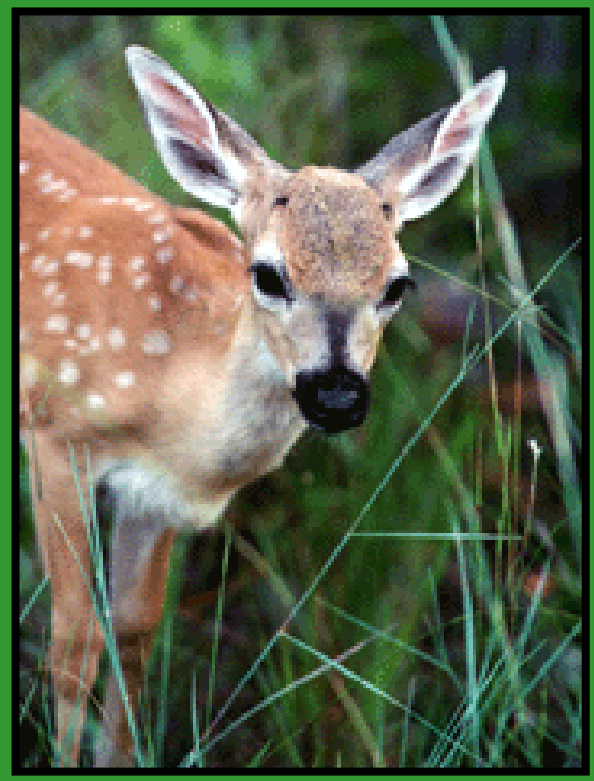
- Adaptation Activities = Helping Species, Habitats, Ecosystems, and Ecological Processes Survive Climate Change and Ocean Acidification

- Consistent with a National or State Adaptation Strategy. Integrated with State Wildlife Action Plans.

Mechanisms for Distributing Conservation Dollars

Sequestration: Ag Dep't and EPA set eligibility rules. Models include Chicago Climate Exchange, RGGI.

Adaptation: Multiple federal and state agencies receive funds and set rules for re-grants. No models yet established.



What Does Adaptation Really Mean on the Ground?

- Habitat Acquisition and Restoration
- Water Conservation and Pollution Prevention
- Wildlife Management
- All Informed by Climate and Ecological Modeling
- Scientific Research and Monitoring
- Public Education and Outreach

Key Challenges in the Campaign to Secure Large-Scale Dedicated Funding

- Lack of Awareness and Engagement by Key Constituencies
- No Consensus on What Adaptation Looks Like (or Costs)
- Competition From Other Legitimate Claimants
- Competition From Tax Cuts and Consumer Rebates

Historic Opportunity to Secure Large-Scale Dedicated Funding in Next 2 Years

Key Elements of Campaign:

- Craft Agenda for New Administration and Congress
- Develop Models at State/Regional Levels
- Massive Outreach & Engagement
- Sophisticated Communications
- **Reinvent Conservation!**