



# West Coast Climate Change Initiatives

# West Coast Governors' Global Warming Initiative

Oregon, Washington, California

- Start: Governors' Directive, Sep 22, 2003
- Process: Executive Committee, Working Groups
- Complete: Staff recommendations, Nov 2004
- Report at: <http://www.ef.org/westcoastclimate/>

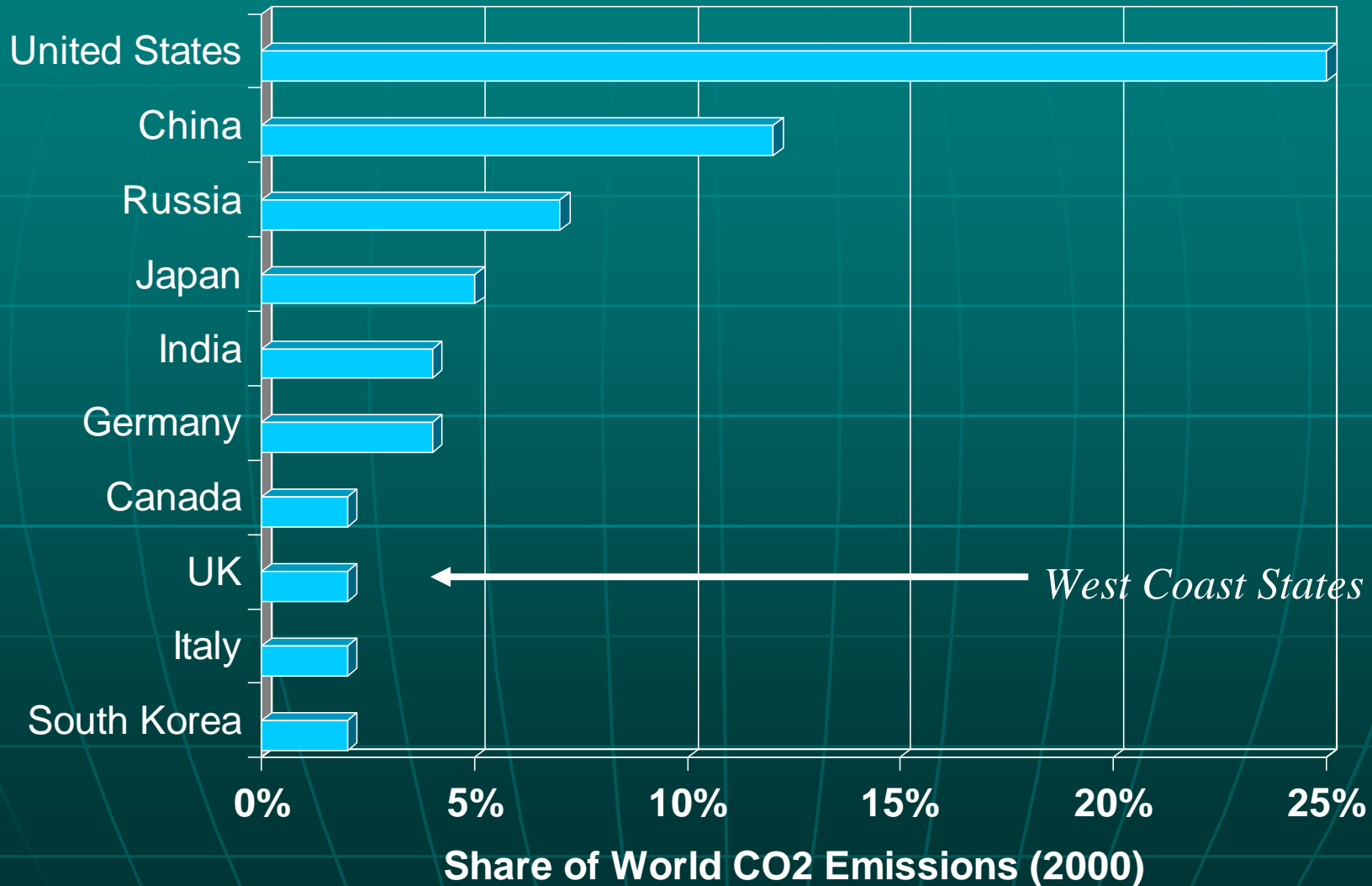
# West Coast Governors' Global Warming Initiative

## Mission

To work regionally and within each state to reduce greenhouse gas emissions below current levels.

# West Coast Governors' Global Warming Initiative

## World's Top 10 CO<sub>2</sub> Emitters vs West Coast:



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## The Benefits of Acting

- Energy dollars stay at home, not exported
- Hedge against oil and natural gas price spikes
- Potentially lower energy costs.
- Clean energy can stimulate economic development
- Opportunities for leadership in energy tech.
- Env Benefits: esp. water supply, snowpack.
- Reduce potential of significant health costs.

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## DO

- Reduce state fleet CO2 emissions
- Implement truck stop electrification
- Increase renewable energy: 1%/yr to 2015.
- Require 13 energy efficient appliances
- Increase efficiency in building codes: 15 % by 2015

## EXPLORE

- Adopting state greenhouse gas reduction targets
- Adopting CA vehicle emission standards
- Developing a market-based carbon trading program

# Oregon Climate Change Advisory Group

- Appointed by Governor in early 2004
- Public and private representation (28 members)
- Adopted “Oregon Strategy” Dec '04
- Set GHG emission reduction goals:
  - 10% below 1990 levels by 2020
  - 75% below 1990 by 2050

[www.energy.state.or.us/climate/Warming/Strategy](http://www.energy.state.or.us/climate/Warming/Strategy)

# California Climate Change Advisory Group

- Established in July '04.
- The Committee charge:
  - Recommend “the most equitable and efficient ways to implement national and international climate change requirements.”
- Meets quarterly to develop strategies
- Builds on regional effort with WA and OR.

# Washington Climate Change Advisory Group

- Final recommendations January '04.
- Maximize energy efficiency
- Increase renewable energy in state power mix
- Reduce VMT and GHG emissions from vehicles
- Reduce waste, increase recycling/composting
- Develop and adopt a cap and trade program
- Promote citizen/corporate/government actions

# Washington Action

# Washington Action Legislation Passed

- California vehicle emission standards.
- LEED silver standard for all state funded construction/remodeled facilities. (green buildings – 20% energy savings)
- New/expanded EGUs mitigate 20% of CO<sub>2</sub> emissions.
- Energy efficiency standards for 12 unregulated appliances
- Hybrid vehicle purchase and solar energy use tax incentives

# Washington Action Governor's Executive Order

- Reduce state vehicle fuel use by 20%, Sep 2009.
- Reduce energy purchases by 10% from FY 2003.

## Washington Action Regulatory or Voluntary

- WA with OR/CA pursuing projects to electrify major truck stops along the I-5 and I-90 corridors.
- 2004: On shore power for Princess Cruise Lines Seattle terminal.
- 2004: Residential and commercial construction building codes improve energy efficiency (2.9 million metric tonnes CO2 reduced in 15 years)

# CONTACTS

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