

# California's Greenhouse Gas Cap-and-Trade Program

Mark Wenzel, Climate Change Adviser  
California Environmental Protection Agency  
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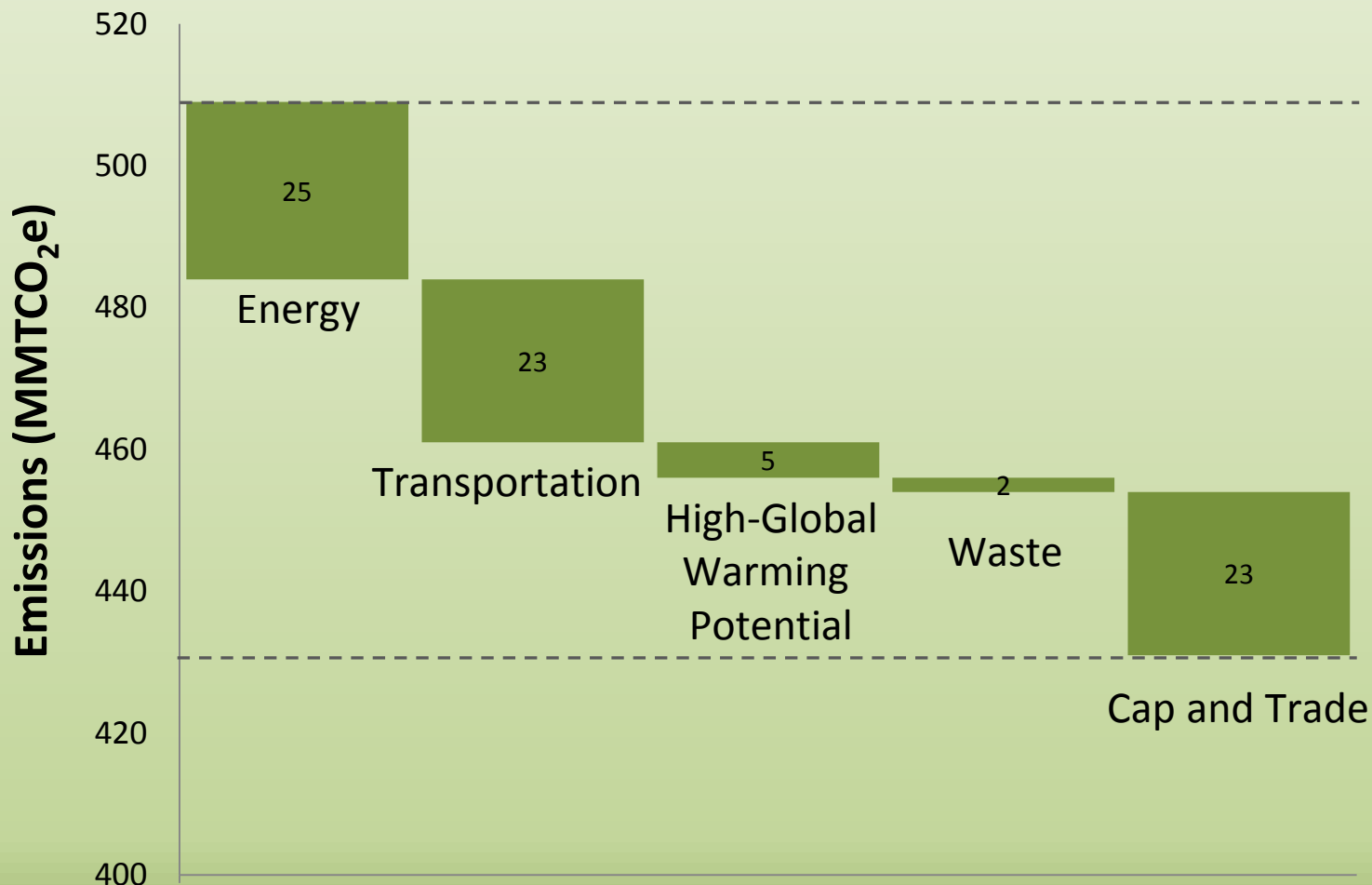
# Summary of California Climate Policy

- California Global Warming Solutions Act of 2006 (AB 32) sets target of 1990 emission levels by 2020
- Governor Brown pledged to set a 2030 goal within 6 months (of UN Climate Summit)
- Scoping Plan
- Consultation with other jurisdictions and development of “integrated and cost-effective” programs

# Key Climate Policies

- Greenhouse gas standards for cars; Zero-Emission Vehicles
- Building and appliance energy efficiency
- 33% Renewable Portfolio Standard
- Low-Carbon Fuel Standard
- Direct regulation of high global warming potential gases
- SB 375/regional transportation targets, high-speed rail
- Cap-and-trade

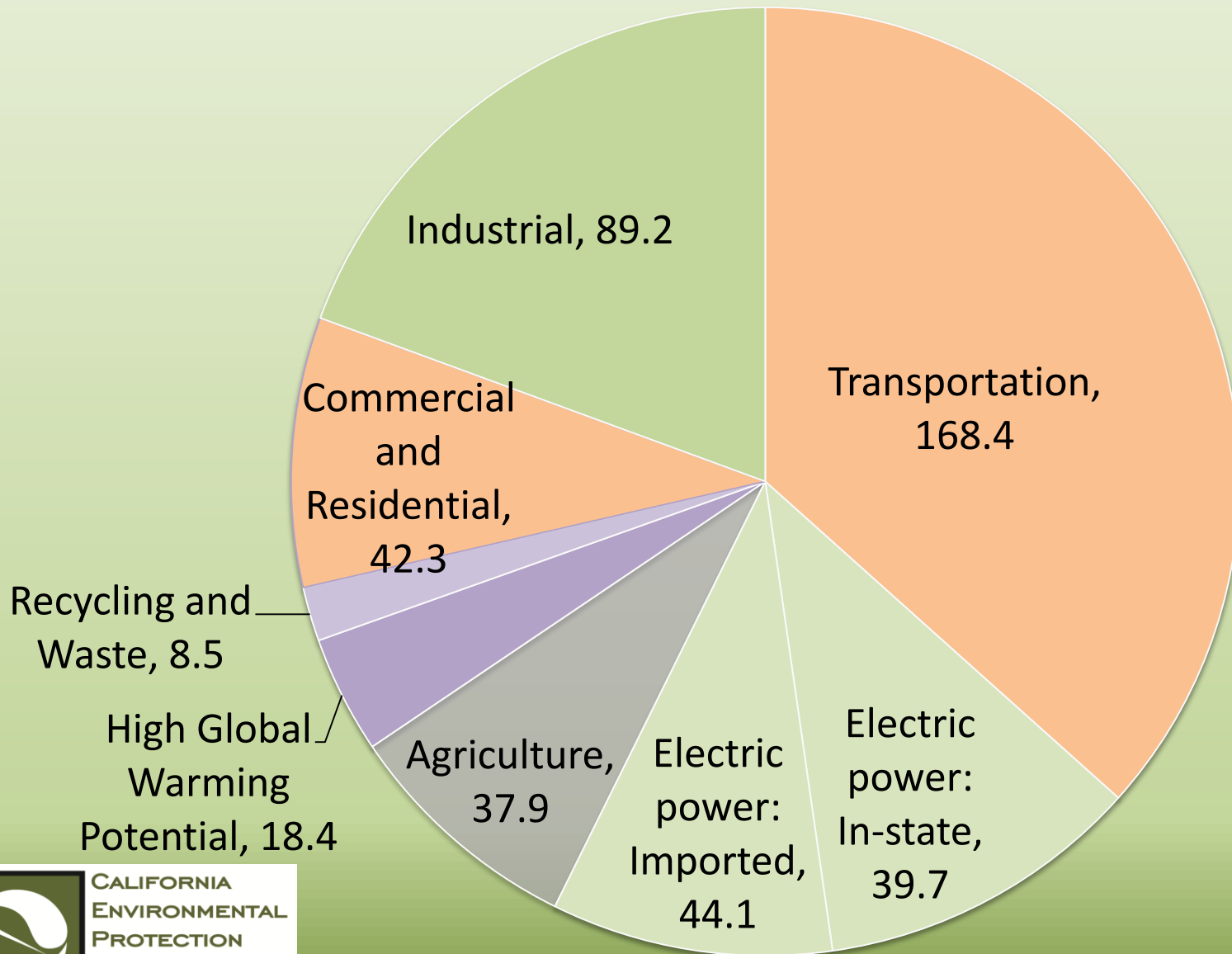
# Calculated Emissions Reductions from Sectors (2014 First Scoping Plan Update)



# Update on Cap-and-Trade Program

- First auction November 2012
- Compliance obligations began 2013
- Link with Québec effective 2014
- First joint auction November 2014
- Transportation fuels, residential/commercial/  
small industrial natural gas under the cap  
starting 2015

# California Greenhouse Gas Emissions, 2012 (millions of metric tons CO<sub>2</sub> equivalents)



# Linking with Québec

- Effective January 1, 2014
- Joint efforts for 6 years (and counting)
  - Line-by-line comparison of regulations
  - Line-by-line comparison of policies
  - Collaboration on infrastructure
- First joint auction November 19, 2014

# Offset Protocols

- US Forestry
- Urban Forestry
- Livestock (manure methane collection and destruction)
- Ozone Depleting Substances
- Mine Methane Capture
- Proposed: Rice Cultivation



# Clean Air Act, 111(d)

- Workshop with stakeholders 9 September
- State comments due Dec. 1
- With existing policies and targets, California is calculated to meet 2030 proposed requirement
- California Perspective on Key Elements:
  - Avoids disrupting existing programs
  - Minimal additional program requirements
  - Maintain state policy-making autonomy
  - Ensure consistent accounting of renewable energy and energy efficiency programs
  - Allow flexibility for multi-state plans
  - Consistent metrics to ensure real reductions nationwide

# Questions?

Mark Wenzel

[mark.wenzel@calepa.ca.gov](mailto:mark.wenzel@calepa.ca.gov)

<http://www.climatechange.ca.gov/>

<http://www.arb.ca.gov/cc/capandtrade/capandtrade.htm>