

CCAP TRANSPORTATION EMISSIONS GUIDEBOOK



## Transportation and Climate Change

**New CCAP Guidebook help users quantify emissions and energy savings from Smart Growth, Transit, Low Emission Vehicles, Biofuels, and Freight -- can reduce emissions by 40% or more!**

Land use choices, transportation investments, vehicle technology and fuel choices all influence the costs of transportation -- whether measured in dollars, time, air pollution or greenhouse gas emissions. Because state and local governments influence many of these decisions and must address these costs, the **Center for Clean Air Policy** is offering a new web-based tool to governments, non-profits and technical experts to quantify impacts -- and help make informed decisions -- on state and local transportation issues.

The Center for Clean Air Policy has just completed the second installment of the **CCAP Transportation Emissions Guidebook: Vehicle Technology & Fuels**, which focuses on policies such as low emission vehicles, feebates, biofuels and freight efficiency. The first installment on **Land Use, Transit & Travel Demand Management** focuses on a variety of transportation and land use policies such as TOD, bicycle infrastructure and smart growth.

Top 5 CO <sub>2</sub> Reduction Policies	Tonnes/Year
GHG Tailpipe Emission Standards	2,550,000
Comprehensive Smart Growth	360,000
Freight Mode Shift	140,000
Pay-As-You-Drive Insurance	94,000
Biodiesel Standards	41,000

\*Based on CCAP default data (see Guidebook Emissions Calculator for details)

The Guidebook includes policy overviews, success stories and links to key models and resources. You can **customize the Guidebook Emissions Calculator** with local data to compare and quantify benefits from a variety of projects and policies. You'll be able to answer these questions and many more:

- How much can bike lanes cut fuel expenditures in my community?
- What are the air quality impacts of biofuels?
- How much would California vehicle standards reduce GHG emissions in my state?
- What are the potential CO<sub>2</sub> savings from smart growth policies?

To access the Guidebook online or to download the policy briefs and calculator, please visit us at [www.ccap.org/guidebook](http://www.ccap.org/guidebook) or [www.ccap.org/trans.htm](http://www.ccap.org/trans.htm).

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