

**SACRAMENTO CLEAN CITIES COALITION  
CLEAN TECHNOLOGY FORUM  
September 13, 2011**

**The Role a Fleet Manager Plays in Meeting Agency  
or Corporate Carbon Reduction Goals**

**Dave Head, Fleet Manager  
County of Sonoma**



Question:

Why would a Fleet Manager be involved in climate protection planning?

**ANSWER:**

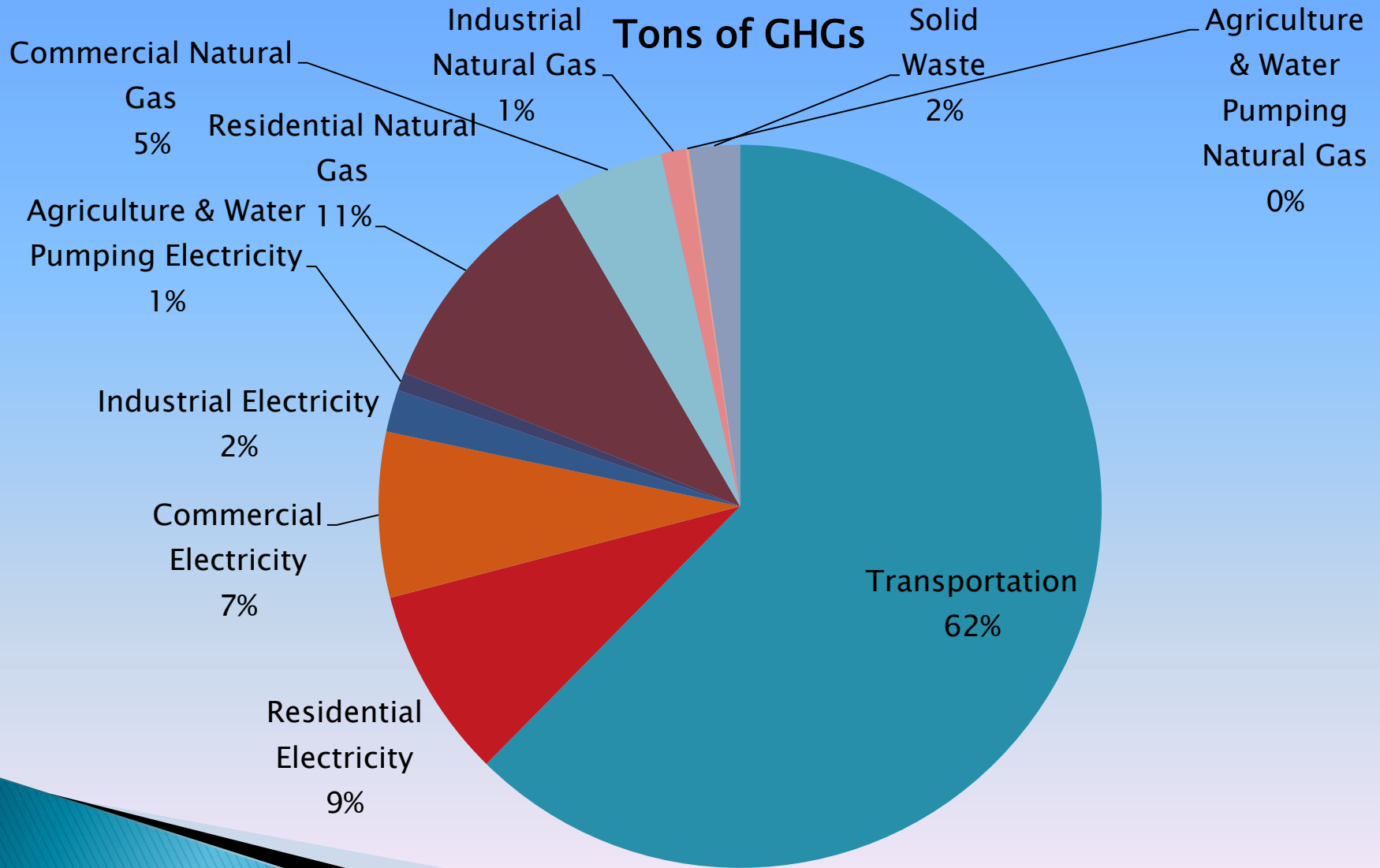
Why Wouldn't the Fleet Manager be Involved?

# Sonoma County Climate Protection Action Plan

## GHG Emission Inventory:

<u>Transportation:</u>	<u>62%</u>
Residential Electricity:	9%
Commercial Electricity:	7%
Industrial Electricity:	2%
Agriculture Electricity:	1%
Residential Natural Gas	11%
Commercial Natural Gas	5%
Industrial Natural Gas	1%
Agricultural Natural Gas	.13%
Solid Waste	2%

# GHG Emissions Inventory



# Sonoma County Climate Protection Action Plan

## “County Operations” GHG Emissions

### Year 2000 Baseline

Area	2000 Adj. Baseline (Tons)	Percent
Buildings	16,904	44.9%
Fleet	8,129	21.6%
Commute	12,596	33.5%
Total	37,630 Tons	

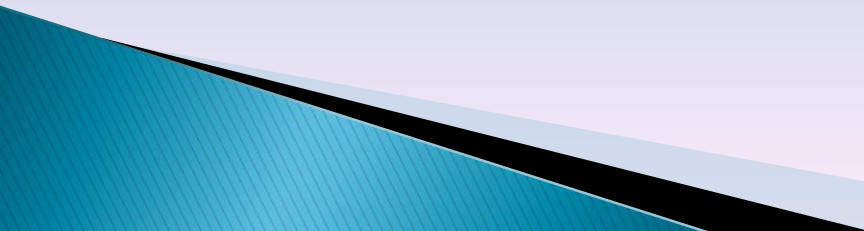
In the year 2000 Fleet and Commute accounted for **22,725 tons** or **55.1%** of GHG Emissions for County Operations.

Fleet Target for 2010 – 5,727 Tons – Reduction of 2,401 Tons

# Why is the Fleet Manager Involved?

- You are the Subject Matter Expert!!!!!!
  - Know the Vehicles.
  - Know the Technologies.
  - Know the Fuels.
  - Know the Maintenance Costs.
  - Know the Politics.
  - Be able to talk about all of the above.
  - Develop a Plan.
  - Be Innovative, But don't make stuff up.

# What's the Fleet Managers Roll?

- Provide Information and Direction for Senior Management.
  - Develop recommendations and alternatives that make sense.
  - Do the homework to support recommendations.
  - Evaluate, Re-evaluate, Re-evaluate.....
  - Stay with a good plan, dump the bad one.
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# Sonoma County “Green” Fleet Initiatives

- Transition to Hybrids, PHEVs and EVs
- EV Charger Program and Installation Guidelines
- “Slow Down Sonoma County” - Change Driver Behavior
- Right Size and Type the Fleet – The right vehicle for the right job.
- Use of Technology – GPS, Advanced Vehicles, Track Vehicle Utilization and Fuel Consumption.





General Services Department  
Fleet Operations

VEHICLES BY APPOINTMENT ONLY  
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**Green Transportation Alternatives**

Partially Funded through the California Air Resources Board and CALSTAR Hybrid Vehicle Voucher Program

Hybrid Electric Vehicle

CALSTAR

California Air Resources Board  
CALSTAR Hybrid Vehicle Voucher Program

# How Are We Doing?

• VMT*:	2007/08	10,052,202
	2010/11	7,351,103
• Fleet Size*:	June 2009	1,596
	June 2011	1,352
• Gas Used*:	2007/08	668,356
	2010/11	536,250
• GHG Emissions*:	2010 Target	5,727
	2010 Actual	5,204
• Average MPG:	2006/07	13.5
	2010/11	16.0

If you're not part of the Process,



You're not part of the Solution



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