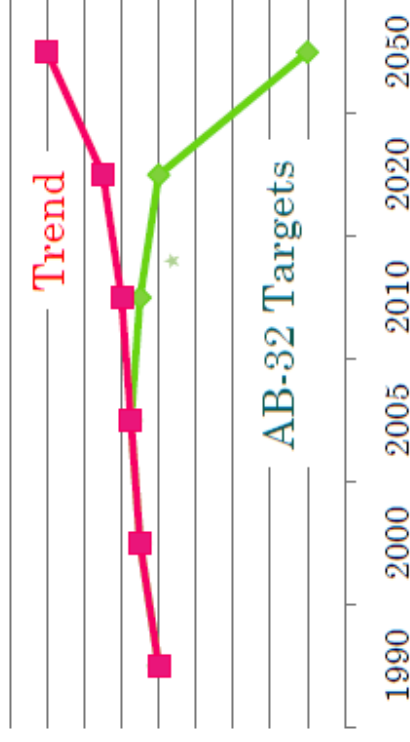


Why Develop a Community Inventory of GHG Emissions?

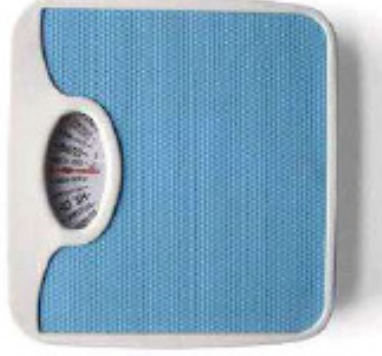
- o AB-32, California's Global Warming Solutions Act of 2006
 - “Ensure rigorous and consistent accounting of emissions”
- o Specific Targets defined in AB32 - reduce statewide GHG emissions to . . .
 - 2000 levels by 2010
 - 1990 levels by 2020
 - 80% below 1990 by 2050



- o Many cities are now engaged in GHG inventory activity
Palo Alto, Menlo Park, Santa Clara, Santa Cruz, Woodside, San Carlos
South San Francisco, Daly City, Monte Sereno, Cupertino, Mountain View,
Redwood City, Brisbane, San Bruno, Saratoga, Hillsborough, Foster City,
Los Gatos, Half Moon Bay, Los Altos, Campbell, Milpitas, etc.

How does Community GHG Inventory Data Help?

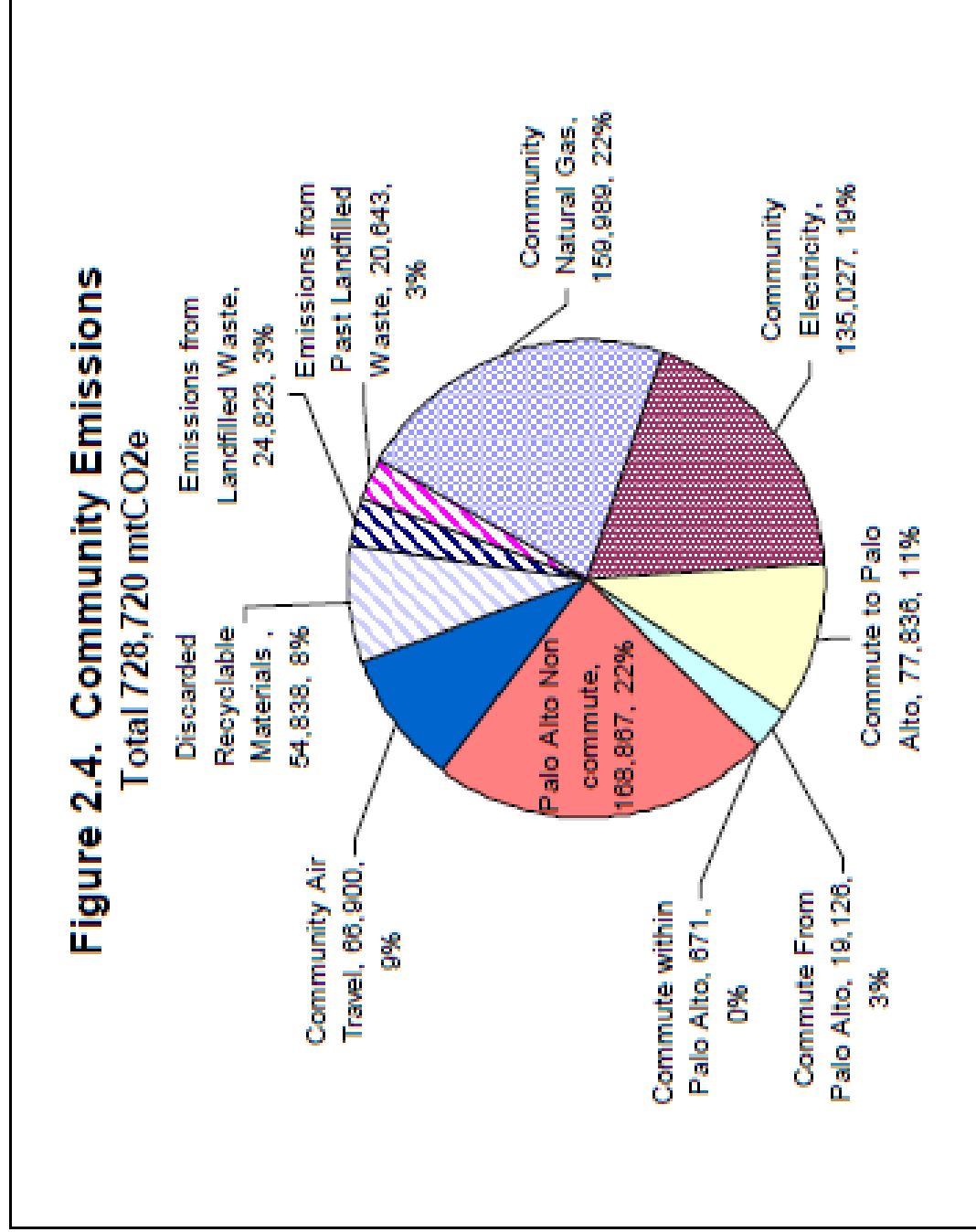
- o Provides a Baseline and Context



it's like weighing yourself before starting a weight loss program – you can't improve what you can't measure . . .

- o Finding the Low-hanging Fruit
- o Focusing Reduction Efforts on Biggest Impacts, Best Opportunities
- o Applying Scarce Resources Effectively

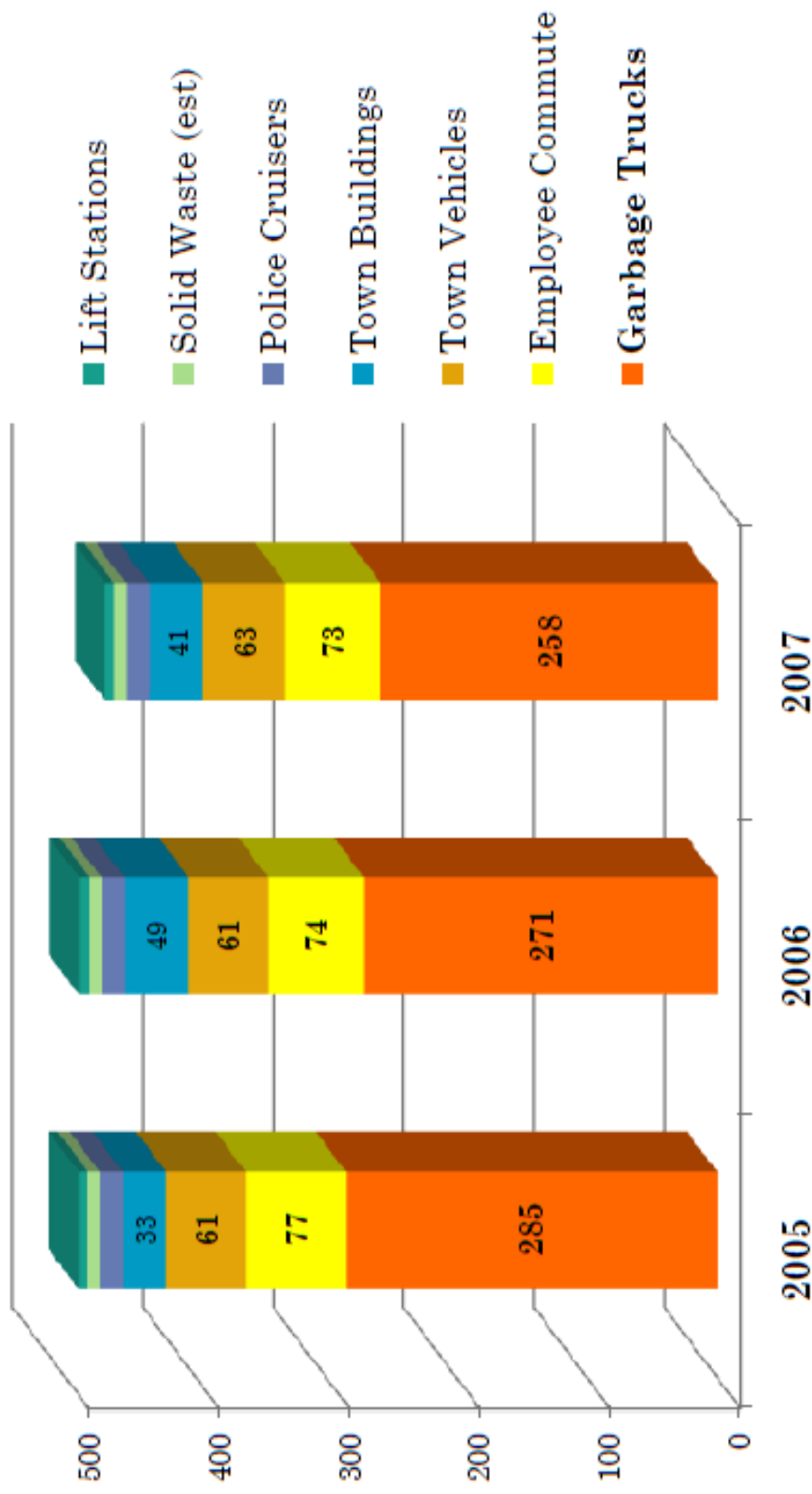
Examples - Palo Alto Community GHG Inventory



Source: Palo Alto Climate Protection Plan, approved December 2007; data represents 2005 baseline year emissions

Examples - Los Altos Hills Municipal Inventory

LAH Municipal CO₂e Emissions (tons)
Best Data as of September 2008



Interim Findings and Next Steps

- o Municipal inventory typically more detailed and time consuming than community inventory, despite smaller scope
- o Key data points for community inventory
 - Electricity and Gas use – available from PG&E
 - Solid Waste
 - Auto transportation
 - Air Travel
- o Different cities have put varying levels of effort into auto/air estimates; standard estimates exist based on population numbers
 - LAH used estimates
 - PA used data from survey results conducted by PA GRCC
- o Steve Schmidt of LAH estimates 40-80 hours of work to put together community inventory, with little/no time required of city staff
- o Next steps
 - confirm availability/capabilities of current ICLEI model, informal ICLEI assistance
 - develop recommendations on approach for community inventory