

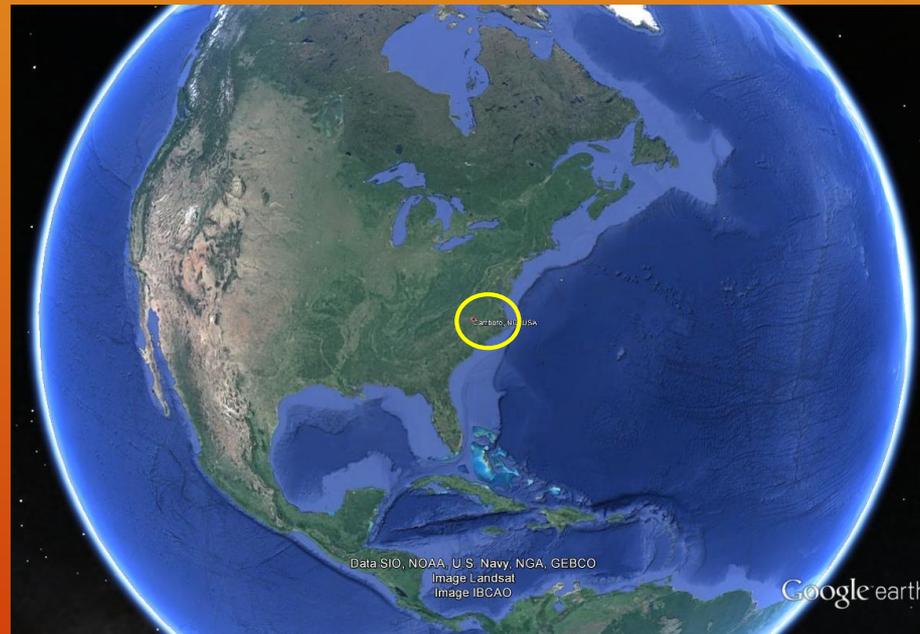
The Future of Transportation

- **Welcome and Introduction**, *Sammy Slade, Carrboro Alderman*
- **Climate Protection Planning in Carrboro**, *Randy Dodd, Town of Carrboro Environmental Planner*
- **Alternatives to the Single-Occupant Vehicle**, *Sarah Bruce, Certified Planner and Certified Floodplain Manager, Triangle J Council of Governments*
- **Chapel Hill Transit – Serving Chapel Hill, Carrboro and the University of North Carolina at Chapel Hill**, *Brian M Litchfield, Director, Chapel Hill Transit*
- **Transit, Land Use, and GHS emissions**, *Patrick McDonough, Manager of Planning and Transit Oriented Development & Jennifer Green, Transit Service Planner, Triangle Transit*
- **Interactive Group Brainstorming Session**

Welcome.....

- National Planning Month
- 3rd Annual Forum Series
- Thanks to.....
- Housekeeping....

Climate Protection Planning In Carrboro



Evaluating the 2009 Carbon Footprint of Carrboro, NC

Baseline Greenhouse Gas Emissions & Recommendations



Produced by the Spring 2011
Sustainable Triangle Field Site:

Melissa Auton

Vanessa Fixmer-Oraiz

Holly Kuestner

Lauren Mendel

Matthew Scruggs

Brian VanderJeugd

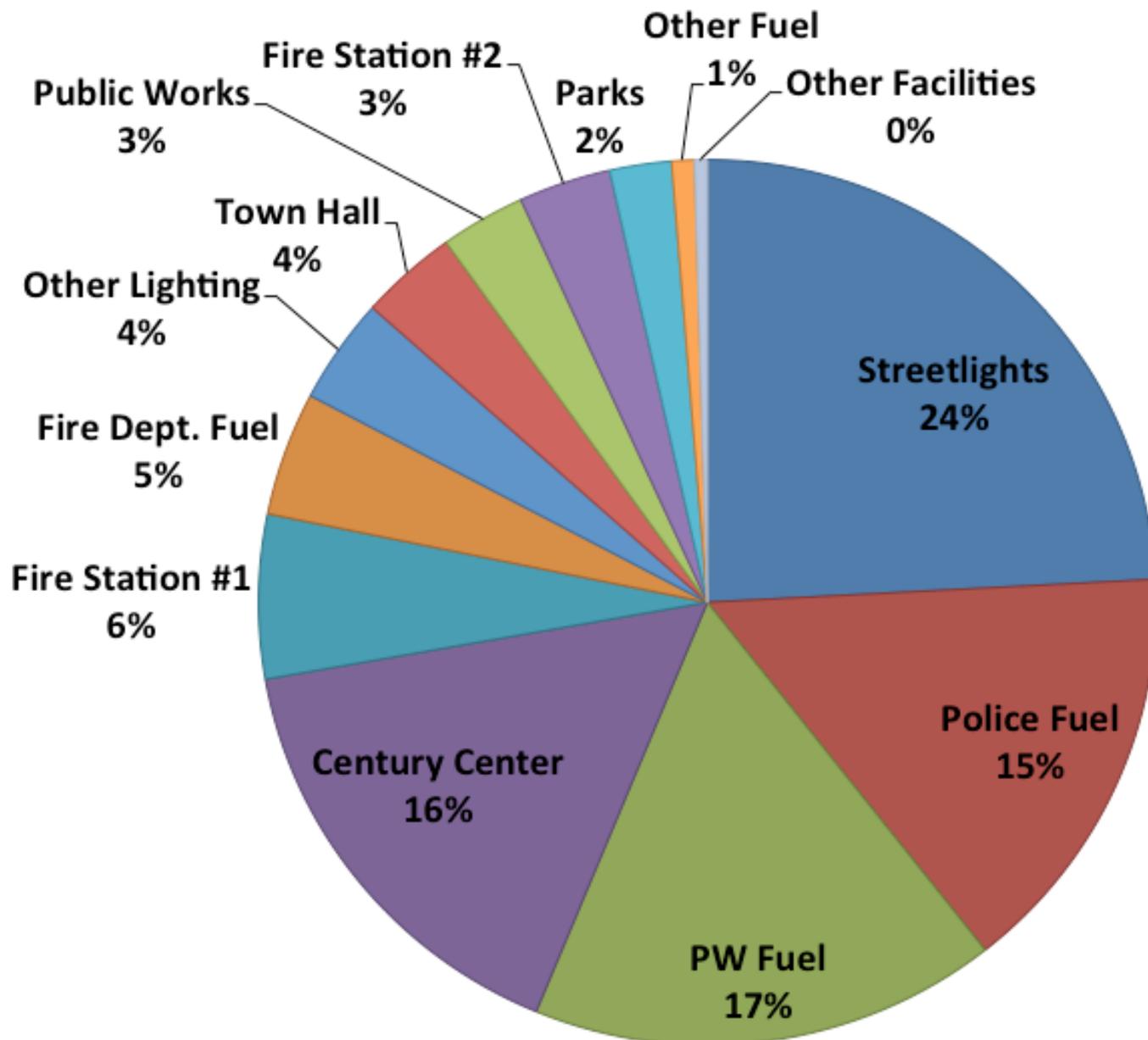
Jayce Walker

Maddy Young

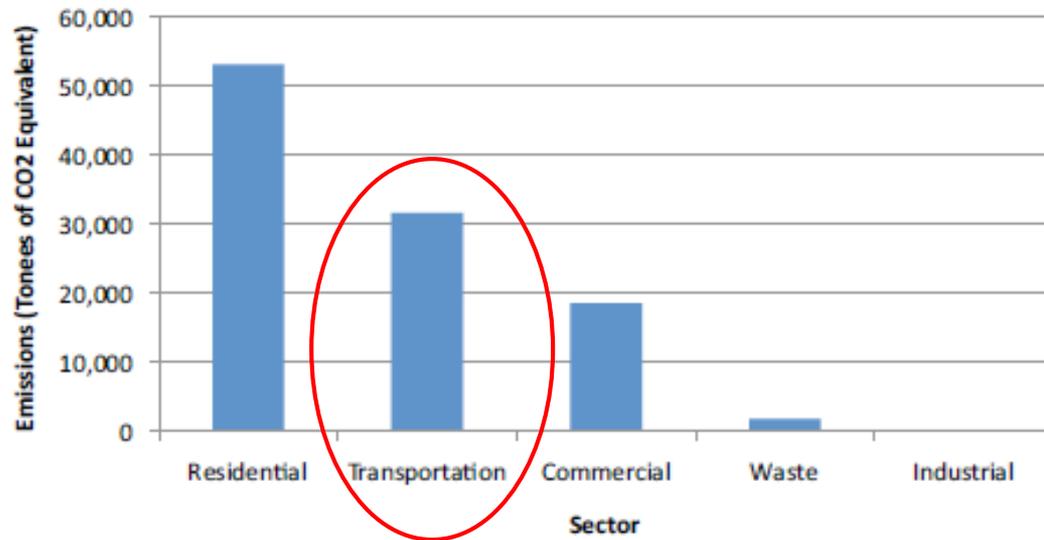
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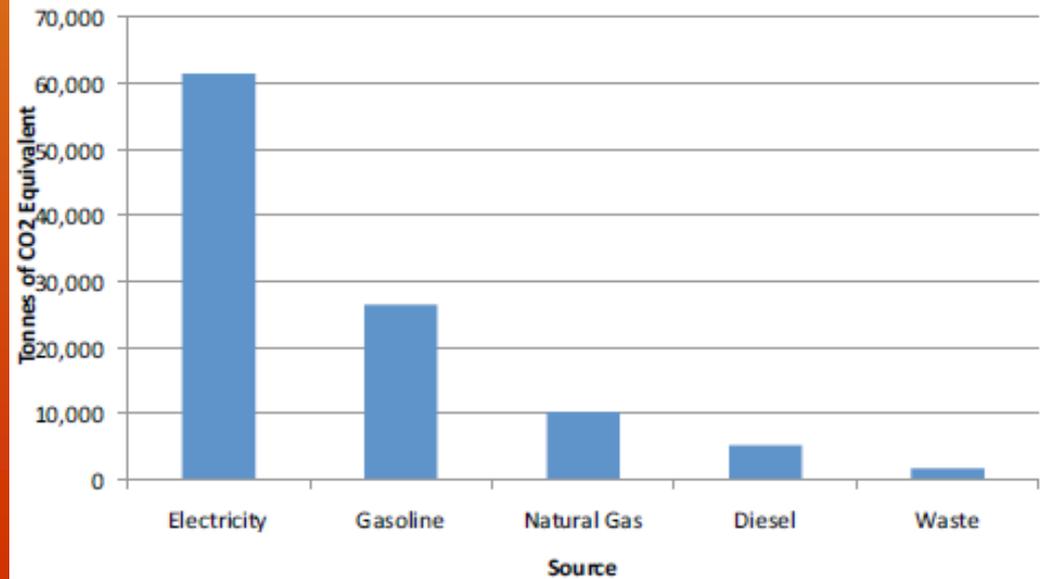
Town of Carrboro Municipal Carbon Dioxide Emissions by Source (2013)



Community Emissions by Sector



Community Emissions by Source





Fare Free Transit



NORTH CAROLINA

COMMUNITY	STATE	AWARD
Asheville	NC	Bronze
Carrboro	NC	Silver
Cary	NC	Bronze
Chapel Hill	NC	Bronze
Charlotte	NC	Bronze
Davidson	NC	Bronze
Durham	NC	Bronze
Greensboro	NC	Bronze
Raleigh	NC	Bronze
Wilmington	NC	Bronze
Winston-Salem	NC	Bronze



Draft Energy and Climate Protection Plan

- Incremental step
 - 1-2 year planning horizon
 - Municipal focus
- 5-10% municipal energy use/emissions reduction

TOWN OF CARRBORO
NORTH CAROLINA

ENERGY AND CLIMATE PROTECTION PLAN

March 20, 2014

BOARD OF ALDERMEN

LYDIA LAVELLE, MAYOR
JACQUELYN GIST, ALDERMAN
RANDEE HAVEN-O'DONNELL, ALDERMAN
SAMMY SLADE, ALDERMAN
MICHELLE JOHNSON, ALDERMAN
DAMON SEILS, ALDERMAN

TOWN MANAGER

DAVID ANDREWS

DEPARTMENT HEADS

ANITA JONES-McNAIR, RECREATION & PARKS
ANNETTE STONE, ECONOMIC AND COMMUNITY DEVELOPMENT
CAROL DORSEY, HUMAN RESOURCES
CATHY WILSON, TOWN CLERK
GEORGE SEIZ, PUBLIC WORKS
PATRICIA MCGUIRE, PLANNING
TRAVIS CRABTREE, FIRE AND RESCUE
WALTER HORTON, POLICE

Draft Energy and Climate Protection Plan circle pieces for each forum

Municipal

- Outdoor lights
- Assessments
- Facilities
- Fleet
- Measurement/reporting
- Urban forest

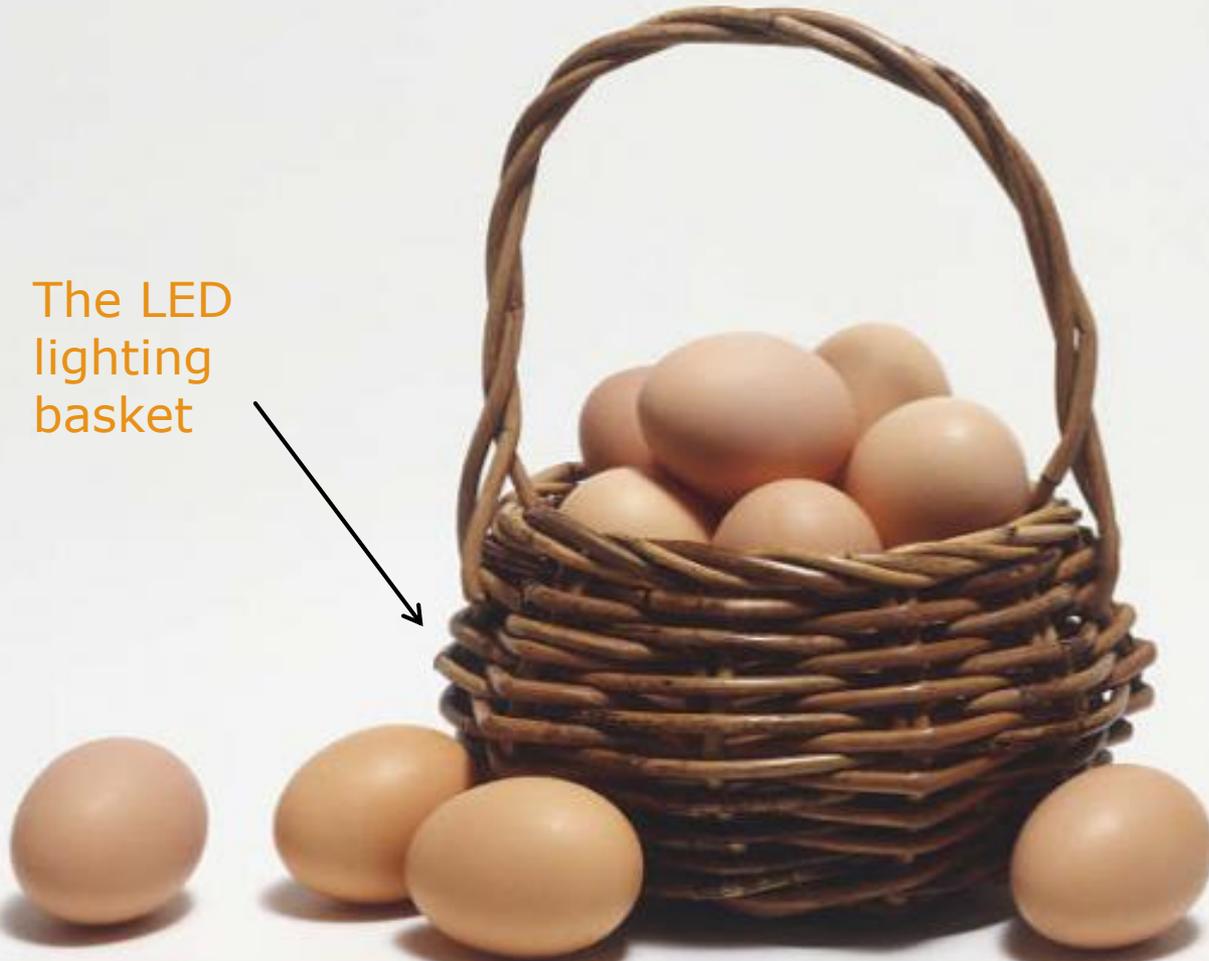
Community

- Transportation
- Buildings
- Renewable energy
- Urban forest
- Vulnerability and adaptation

Appendices

- Inventory
- Town building projects
- Urban forest
- Climate protection science
- Global planning

The LED
lighting
basket



3400 K Color Temp Fixtures

Old High Pressure Sodium

New LED





Many other partners....



TJCOG



Going Forward.....

- Surveys
- Task Force
- Capstone Team

Thank You!