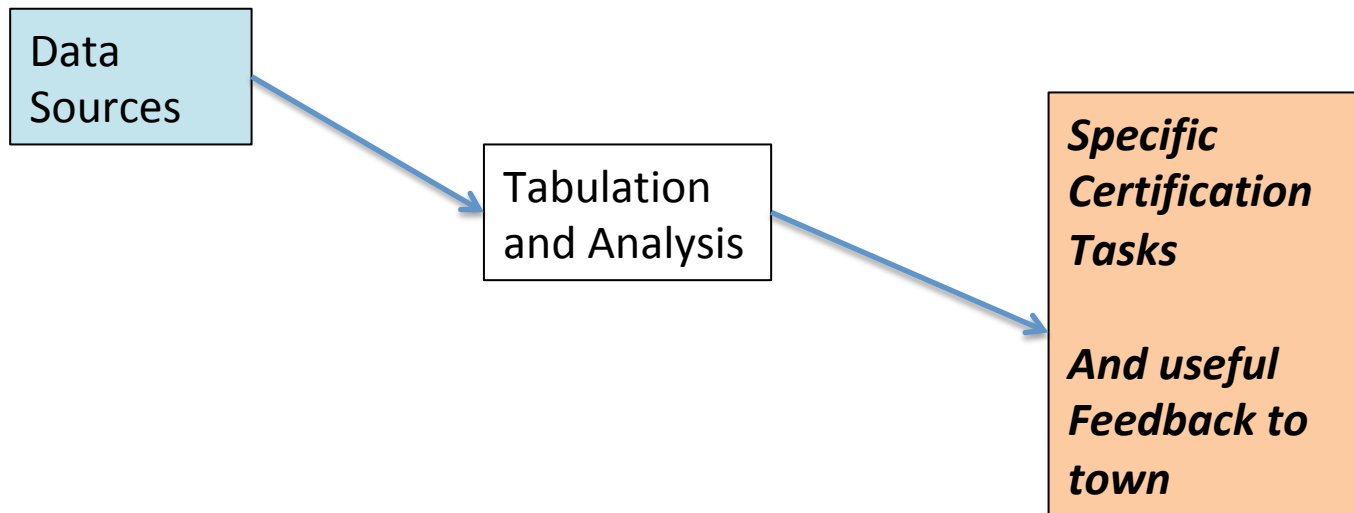# Energy and Emission Measurement & Management: an Integrated Sustainability Action Plan for Madison
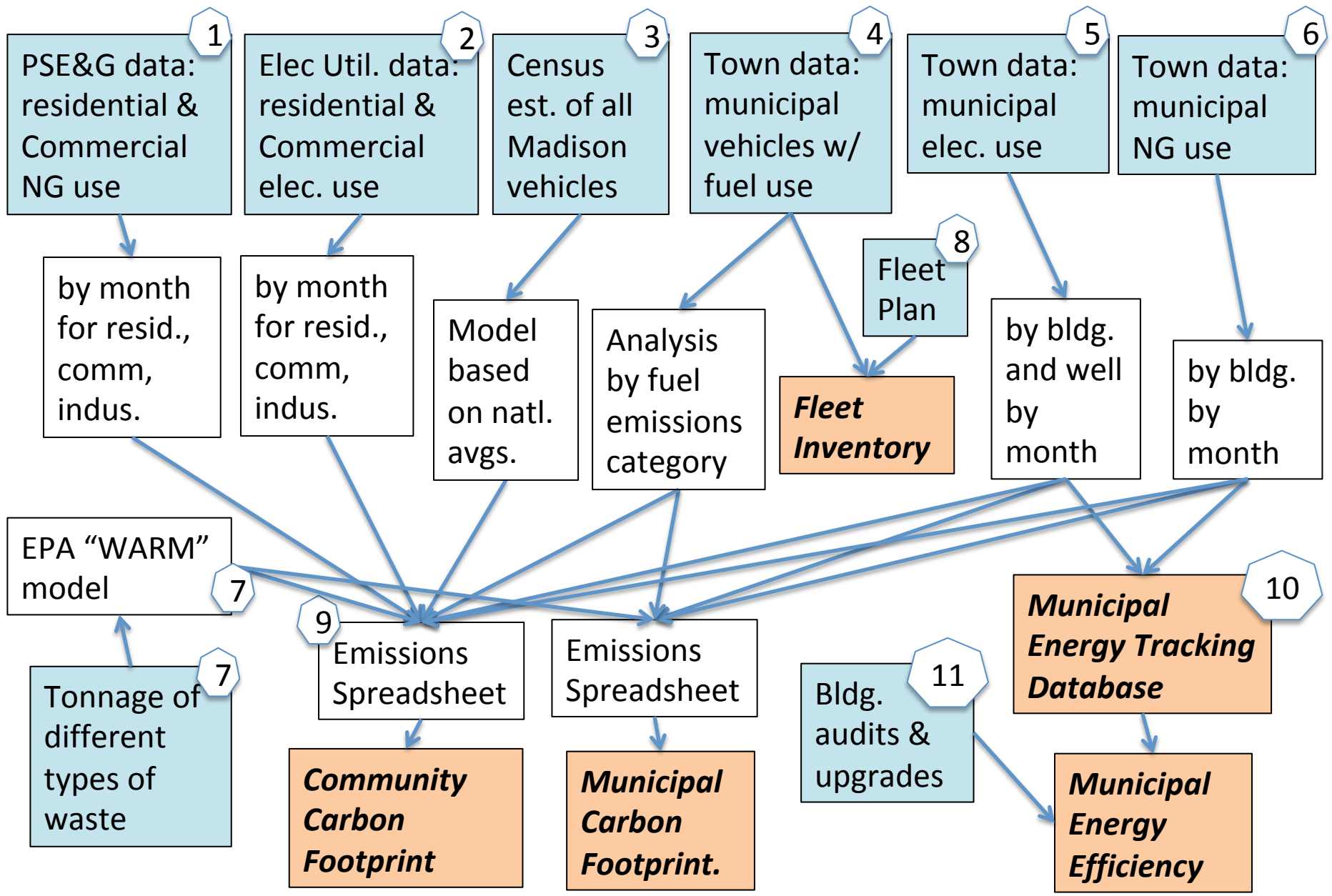
## Contents:

- Task Map

- Schedule

Tasks:
Municipal Carbon Footprint
Community Carbon Footprint
Fleet Inventory
Municipal Energy Tracking
Municipal Energy Efficiency

Data Sources → Tabulation and Analysis → Specific Certification Tasks

And useful Feedback to town

**1** PSE&G data: residential & Commercial NG use

**2** Elec Util. data: residential & Commercial elec. use

**3** Census est. of all Madison vehicles

**4** Town data: municipal vehicles w/ fuel use

**5** Town data: municipal elec. use

**6** Town data: municipal NG use

by month for resid., comm, indus.

by month for resid., comm, indus.

Model based on natl. avgs.

Analysis by fuel emissions category

**8** Fleet Plan

*Fleet Inventory*

by bldg. and well by month

by bldg. by month

EPA "WARM" model

**7**

**7** Tonnage of different types of waste

**9** Emissions Spreadsheet

Emissions Spreadsheet

**11** Bldg. audits & upgrades

*Municipal Energy Tracking Database* **10**

*Community Carbon Footprint*

*Municipal Carbon Footprint.*

*Municipal Energy Efficiency*

# Schedule (to be refined)

- April -   refine and agree on the plan
- May
  - Commit to which tasks will be completed
  - By May 14 generate text write-ups for the June 2 submission. These write-ups will state what we plan to accomplish. The write-ups will be revised in the summer when we complete tasks.
- June
  - June 2 : first submission deadline
  - In June we should complete all gathering, entry, tabulating of raw data
  - Conduct any energy audits we agree to pursue
- July -   Analysis of data
  - Emission spreadsheets
  - Municipal Energy Tracking Database
- August – package the results, update texts with supporting docs
- September – final submission