


# DVRPC

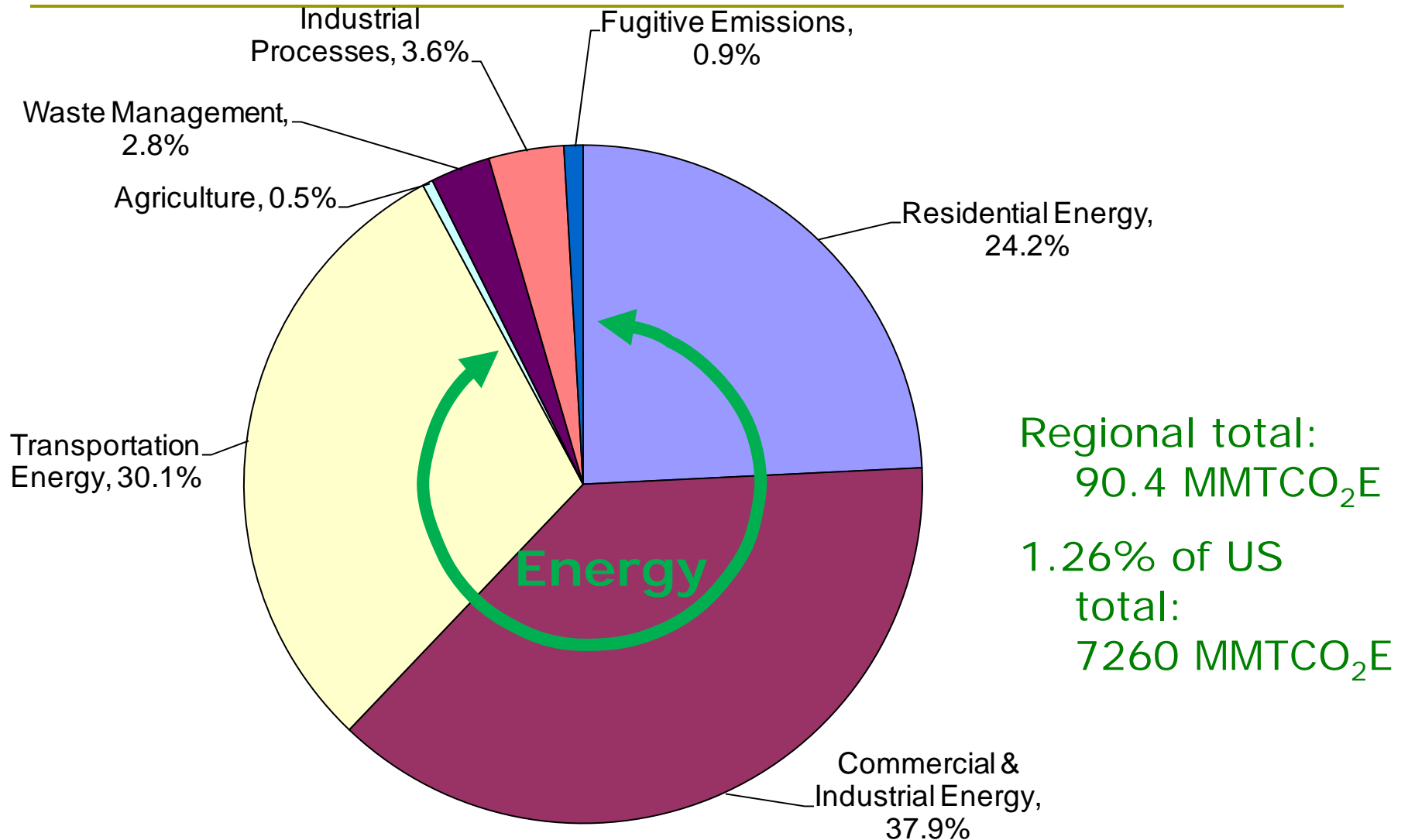
## Office of Energy and Climate Change Initiatives



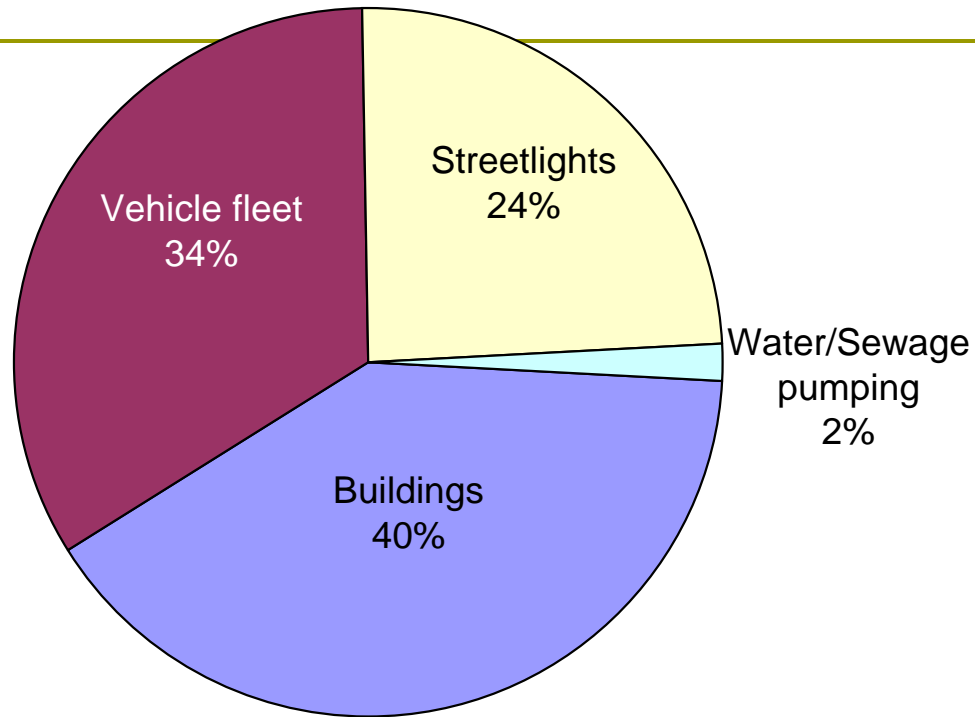
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# Community-wide Emissions



# Emissions from Municipal Operations



**Table 2.2: Township Operations Emissions Summary**

Sector	CO <sub>2</sub> e (metric tons)	Energy (MMBtu)	Cost (\$)
Buildings	2,028	18,827	\$441,258
Vehicle fleet	1,692	21,453	\$315,688
Streetlights	1,223	8,203	\$434,935
Water/Sewage pumping	83	555	\$20,351
<b>Total</b>	<b>5,037</b>	<b>49,128</b>	<b>\$1,212,232</b>

# GHG Emissions & Energy Reduction Toolkit

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- Provide step-by-step guidance for:
  - Identifying and prioritizing cost-effective solutions for energy and GHG emissions reductions
  - Initial focus on municipal/county operations
- Includes general guidance, data collection sheets, calculators, and links to external resources/funding opportunities
- Locally-customized “starting point”
- Content guided by municipal advisory group feedback

# Toolkit Step 1: Baseline Analysis

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Enter  
Energy  
Use Data

Buildings  
and  
Facilities

Vehicles

Outdoor  
Lighting



*Portfolio Manager,  
custom spreadsheets,  
other tools*

Summary of  
Operational  
Sectors

Energy  
Use

Energy  
Cost

GHG  
Emissions

# Toolkit Steps Continued

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- Step 2 Closer Analysis: Analyze poor-performing buildings to identify opportunities for EE/GHG reduction
  - Guidance and calculator for conducting a plug-load audit
  - Guidance and support for hiring a contractor to complete a building audit (includes choosing what type of audit)
- Step 3 Assess costs/benefits of opportunities
  - Overview of common action items in building sector
  - How to establish target reductions
  - GHG & energy reduction Calculator
  - Investment analysis tools
- Step 4 Implementation
  - Creation of financially viable projects
  - Links to sources of funding, external support, financing



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