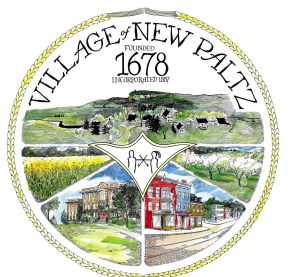


# Community Greenhouse Gas Emissions Inventories

## Town and Village of New Paltz, Ulster County, New York



**Climate Smart  
Communities**



# Temperatures May Rise 10 Degrees in New York by 2080

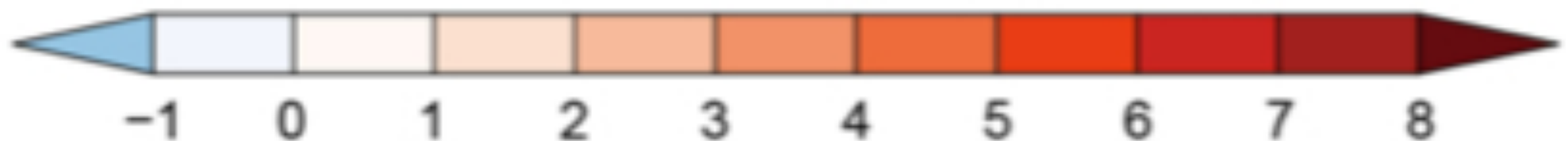
**Lower Scenario (RCP 4.5)**



**Higher Scenario (RCP 8.5)**



**Change in Temperature (Degrees F)**





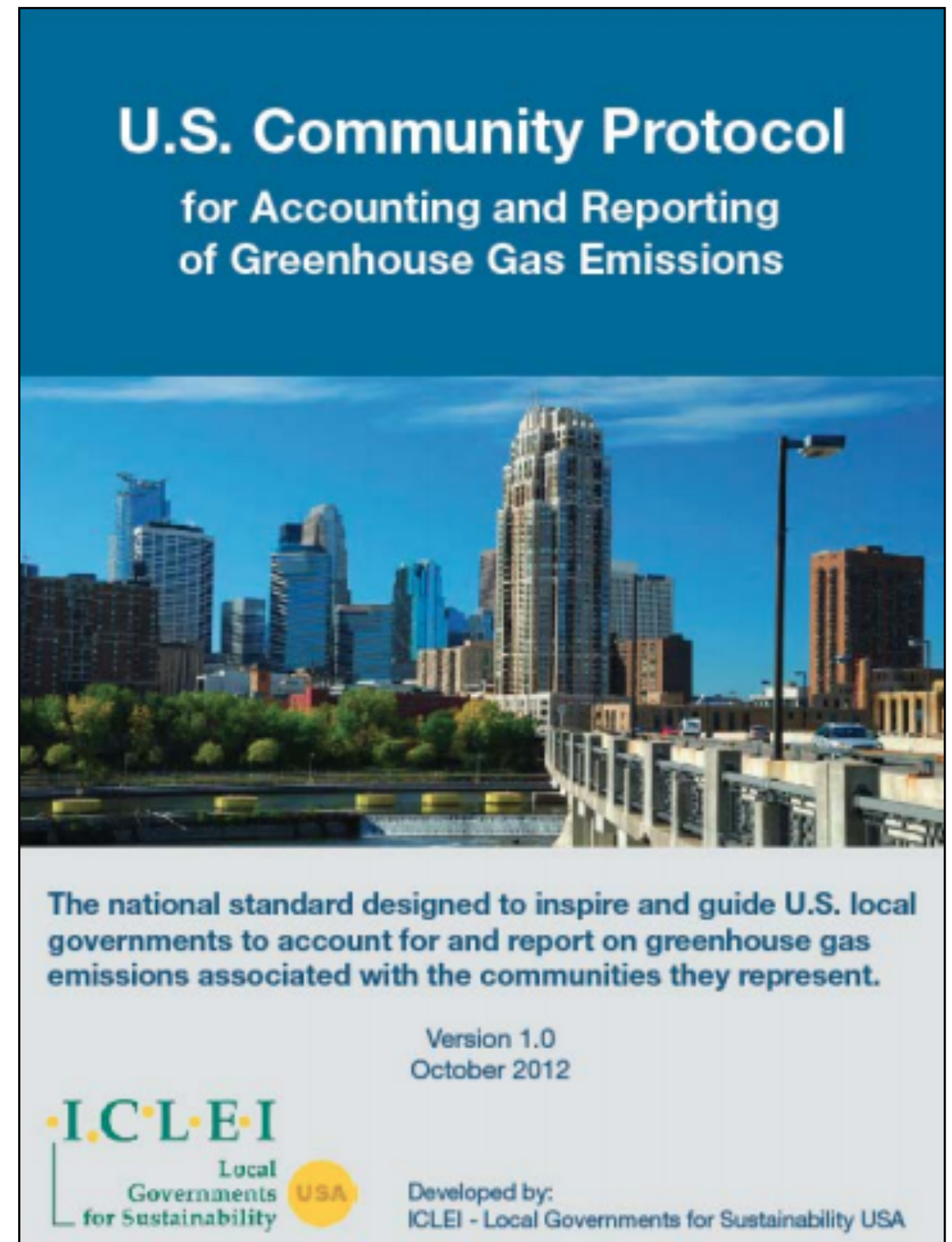
# New Paltz is Planning for Climate Action

DEC Climate Smart  
Communities Grant

5 Inventories  
Resiliency Plan  
Adaptation Plan  
Climate Action Plan

Inventories set a baseline to  
measure against

IPCC goal: 45% by 2030



**120,000 metric tons of CO<sub>2</sub>e**

**120,000 metric tons of CO<sub>2</sub>e**

**66,000 without I-87**

**66,000 metric tons  
reduced by 45% is a  
30,000 ton reduction**

**66,000 metric tons  
reduced by 45% is a  
30,000 ton reduction**

**How Do We Make Sense of These Numbers?**









# 1,400,000 trees





1,400,000 trees

\$550,000,000







# 160,000 panels





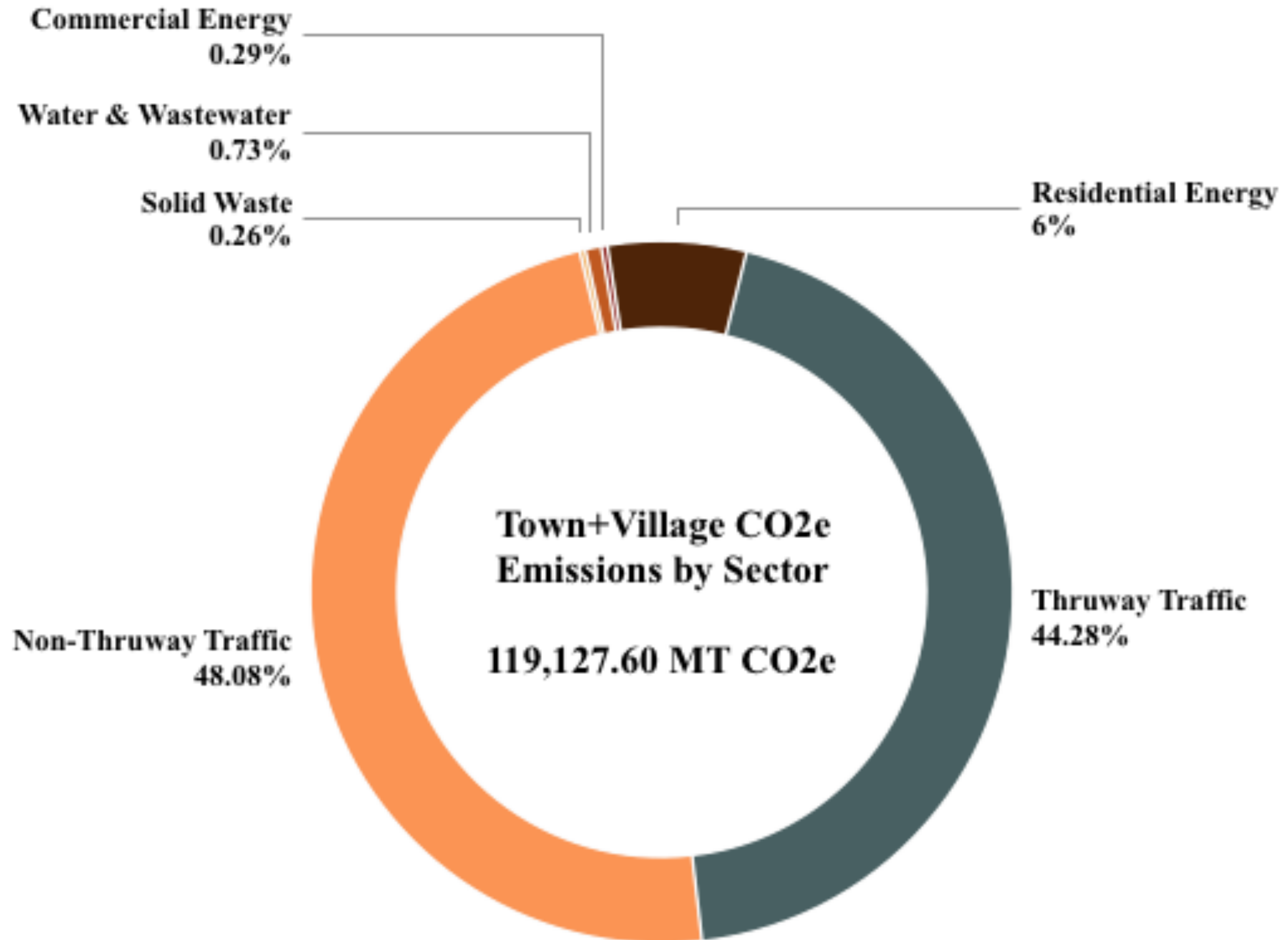
# 160,000 panels



# \$65,000,000

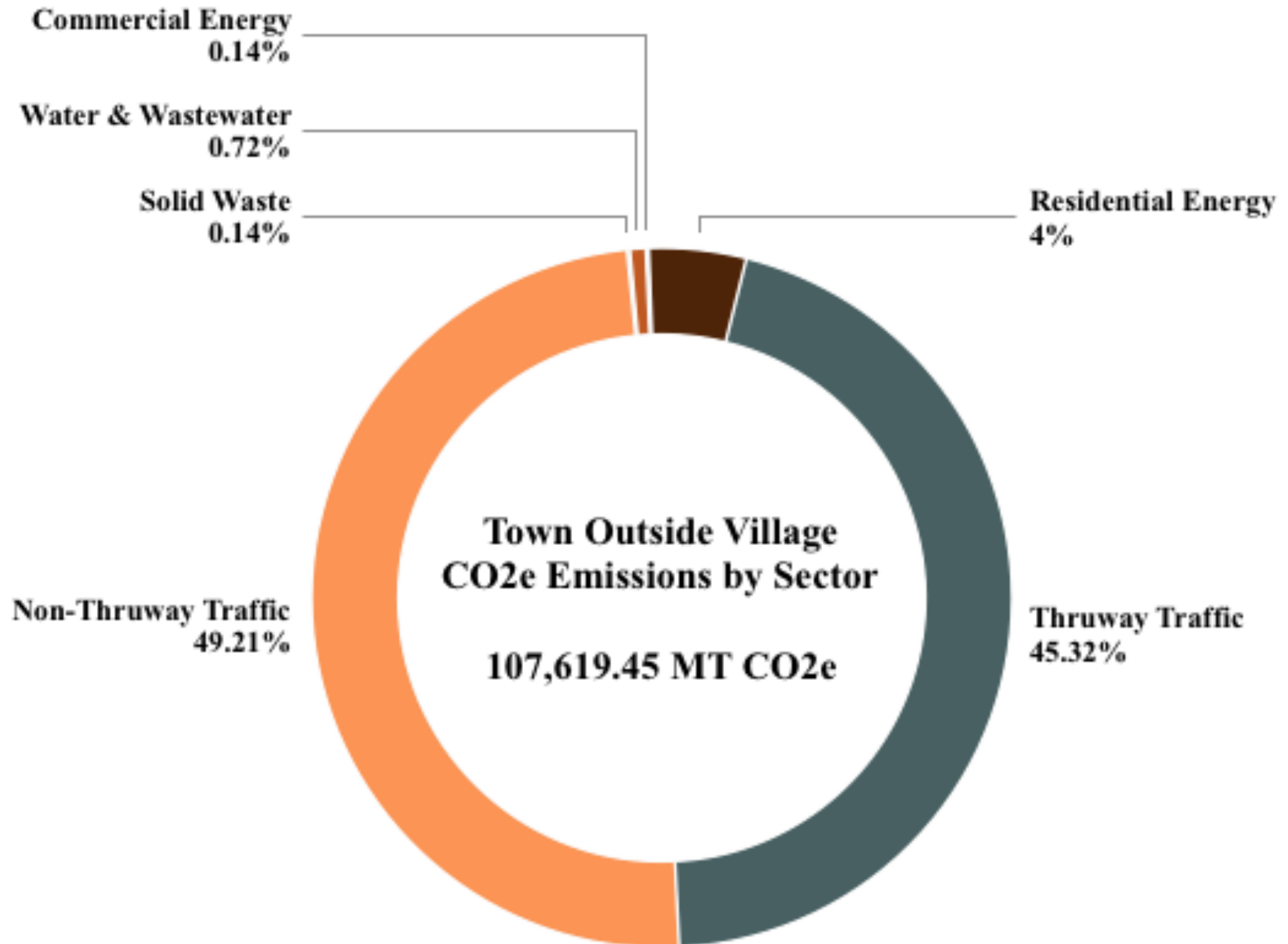


# Town + Village Emissions Are Dominated by Traffic

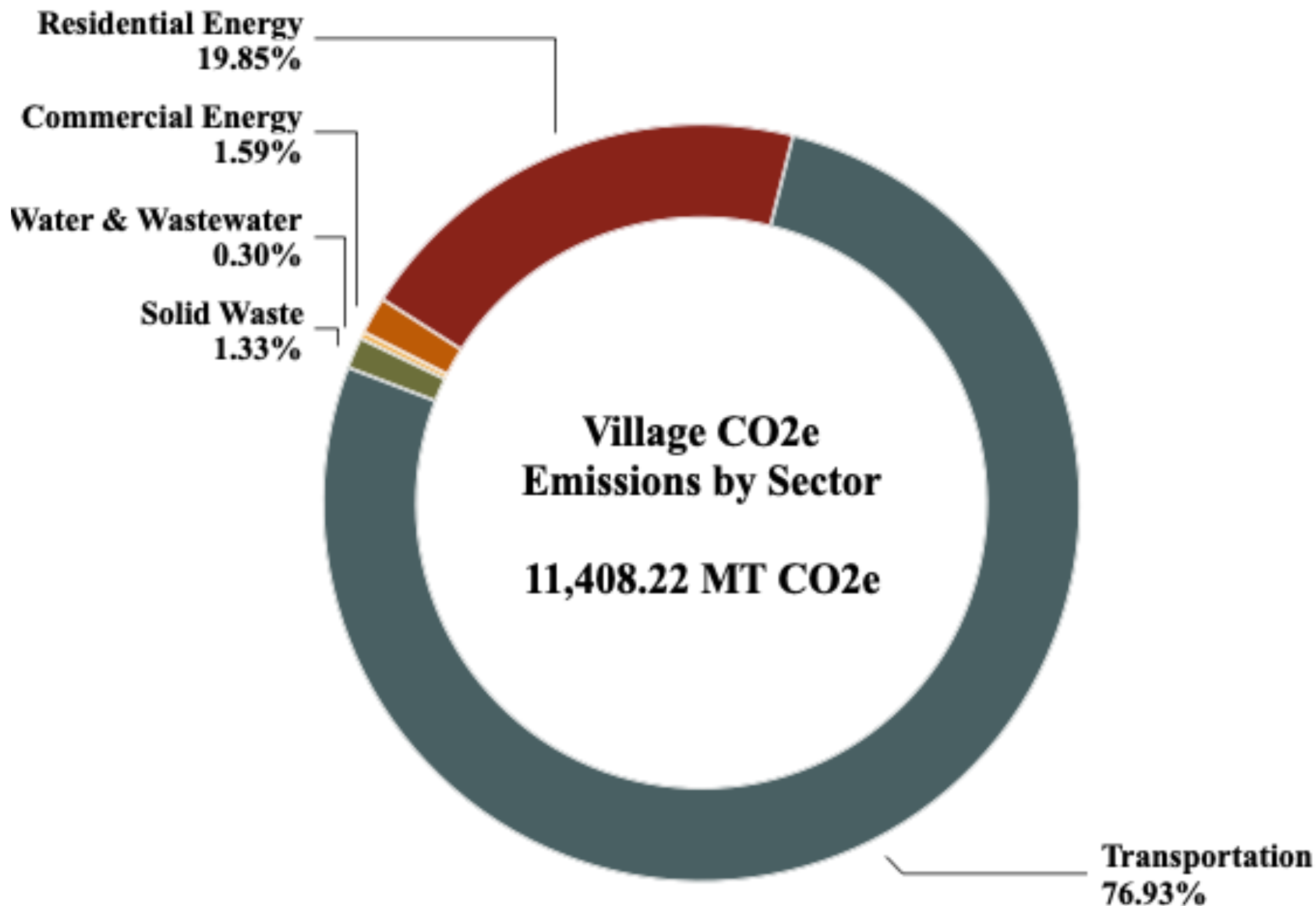




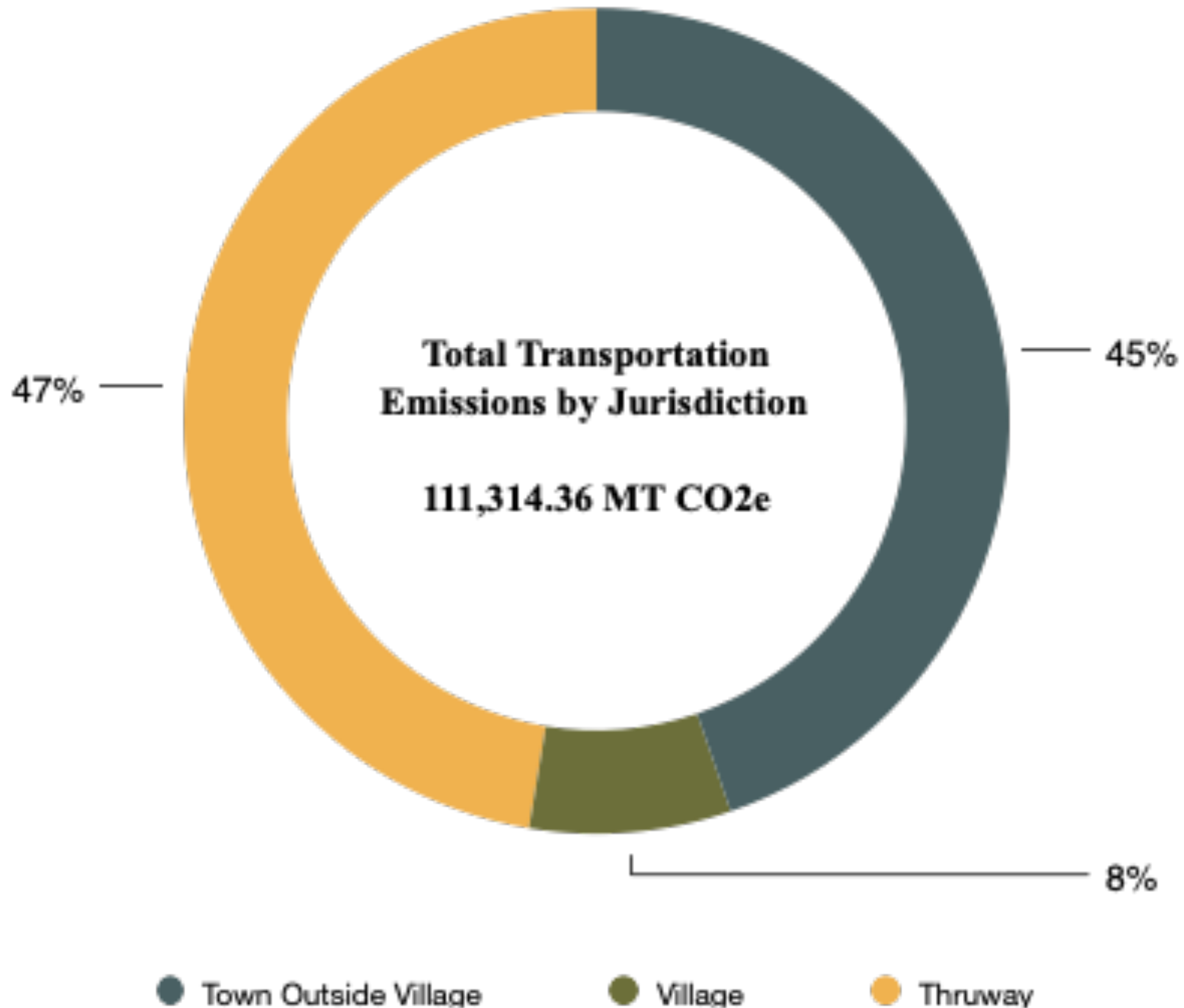
# T.O.V Emissions Also Dominated by Traffic



# Residential Energy Has More Importance in the Village

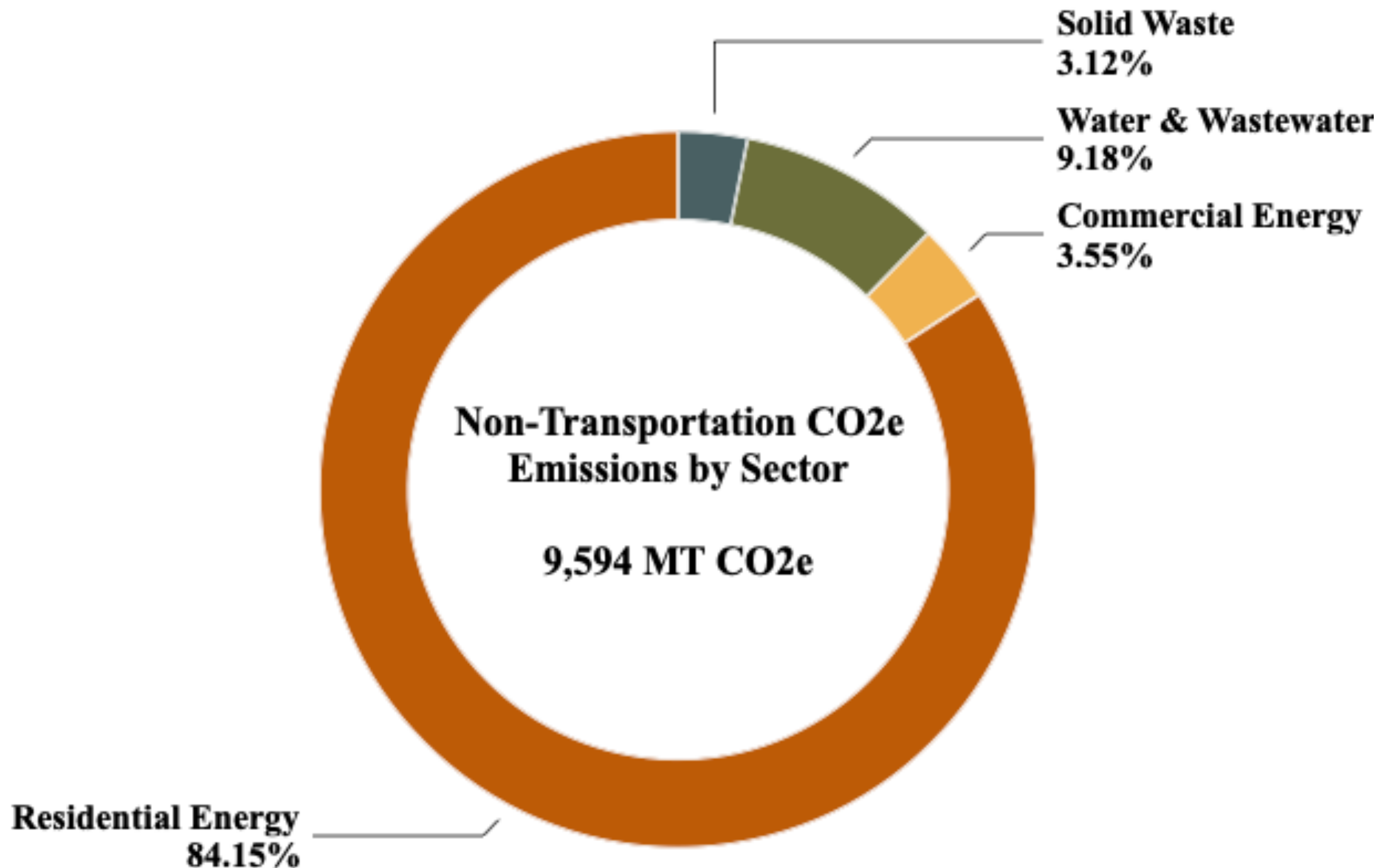


# 92% of Traffic Emissions Are Outside the Village





# Non-Traffic Emissions Dominated by Residential Energy



**120,000 metric tons of CO<sub>2</sub>e**

**66,000 without I-87**

# What Can We Do?





# WHERE TO START

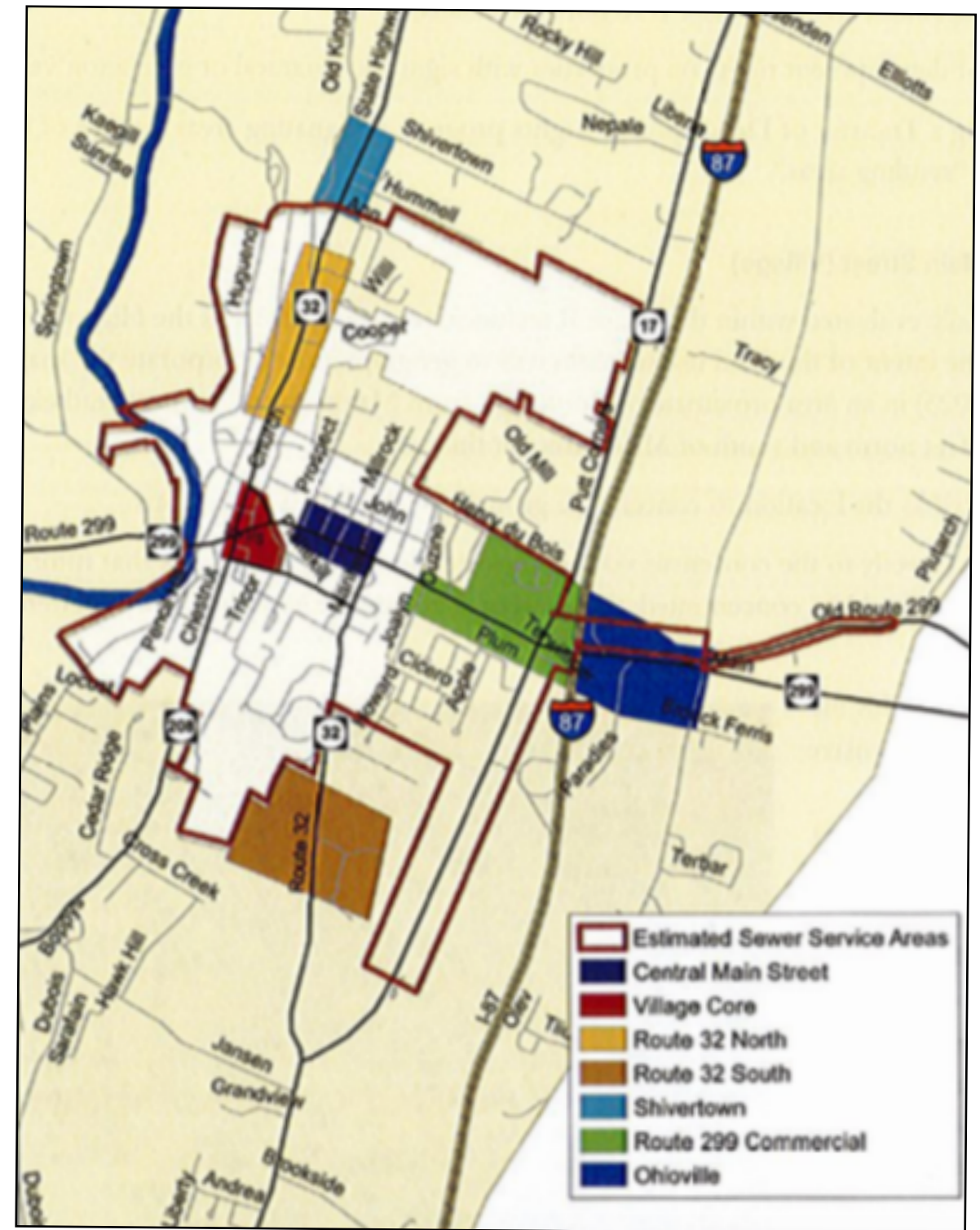
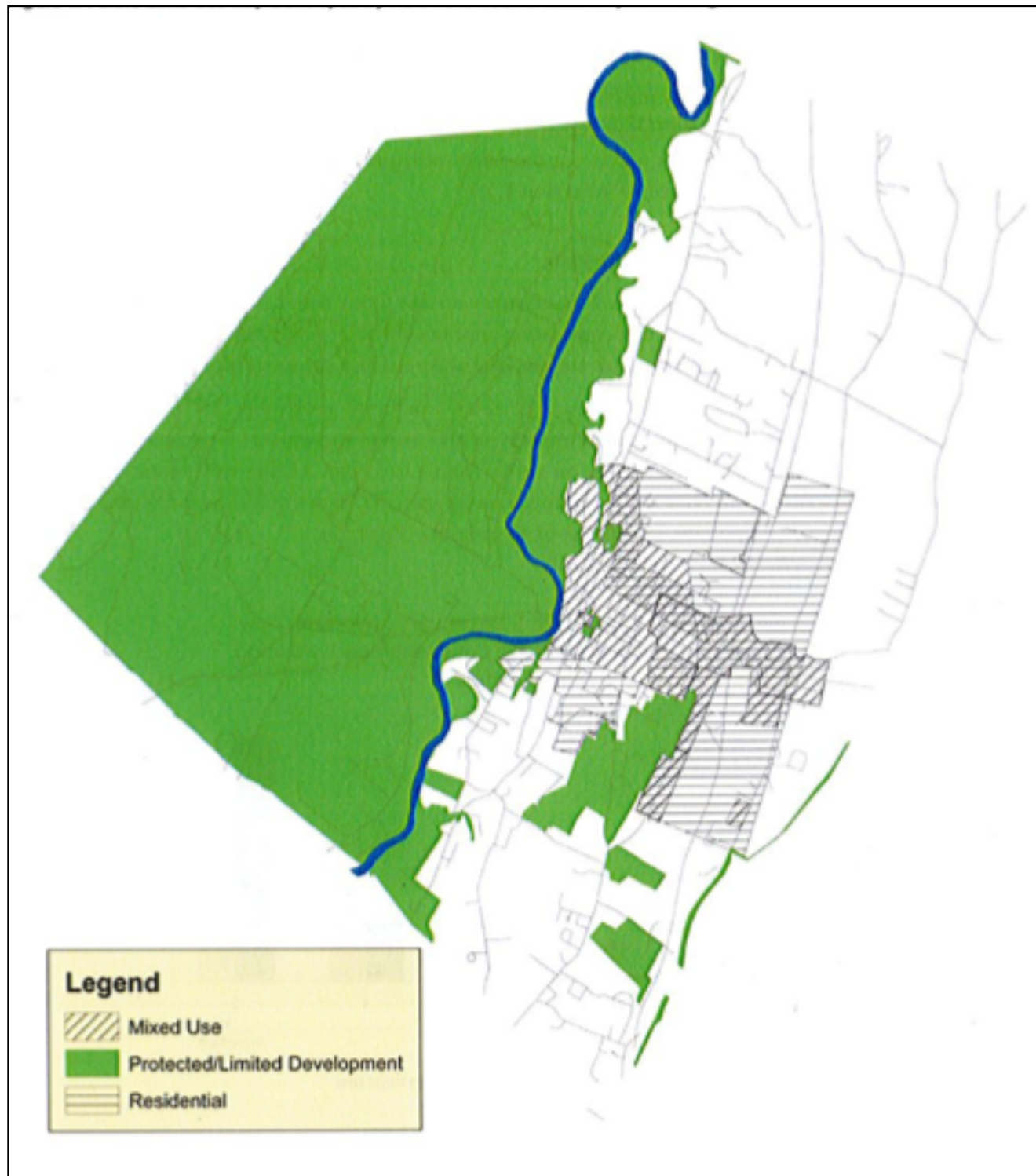
## A Climate Lobbying Agenda





# WHERE TO START

## Revisit the 2007 Transportation and Land Use Study





# WHERE TO START

## Support the New Paltz Climate Action Plan





A scenic landscape featuring a dirt path that recedes into the distance, flanked by tall, mature trees with dense green foliage. The path leads towards a bright yellow field, possibly rapeseed, under a clear sky. In the far background, rolling hills or mountains are visible. The overall atmosphere is peaceful and natural.

**Thank You**



# Community Greenhouse Gas Emissions Inventories

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Communities**

