

Community Greenhouse Gas Emissions Inventories

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

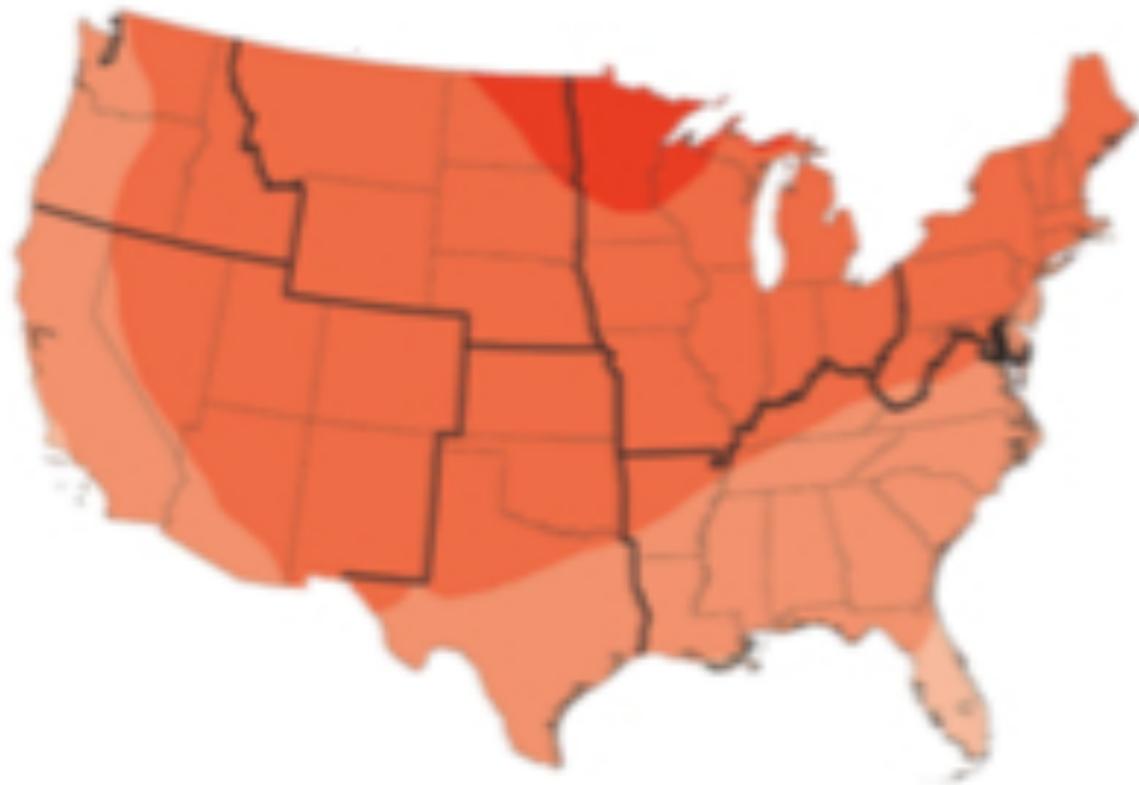


**Climate Smart
Communities**



Temperatures May Rise 10 Degrees in New York by 2080

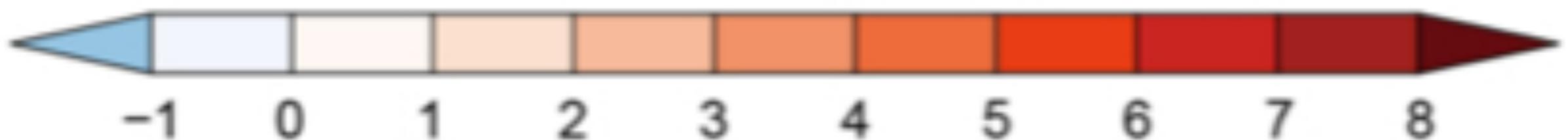
Lower Scenario (RCP 4.5)



Higher Scenario (RCP 8.5)



Change in Temperature (Degrees F)



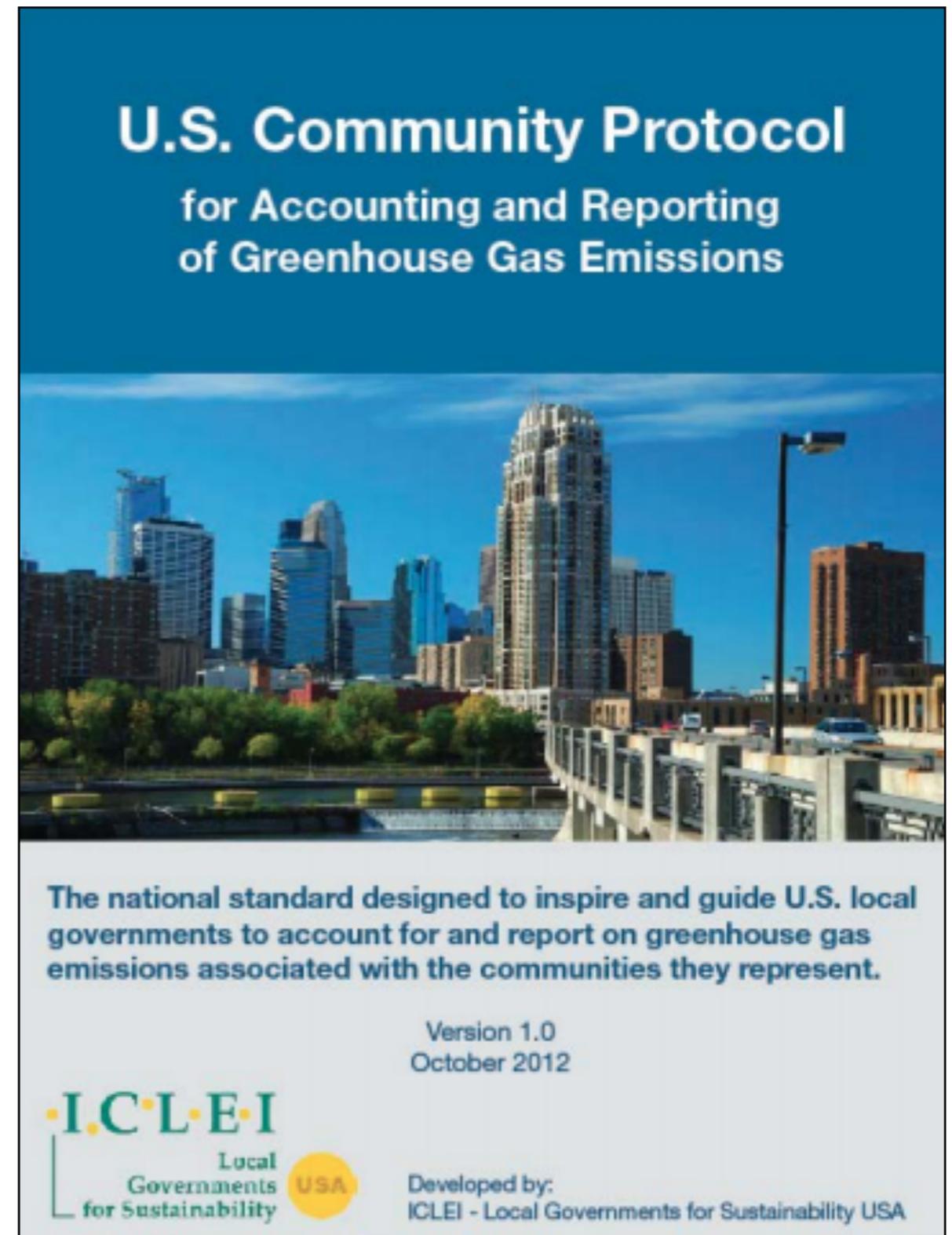
New Paltz is Planning for Climate Action

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 CO₂e

120,000 metric tons of CO₂e

66,000 without I-87

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

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How Do We Make Sense of These Numbers?



1,400,000 trees





1,400,000 trees

\$550,000,000



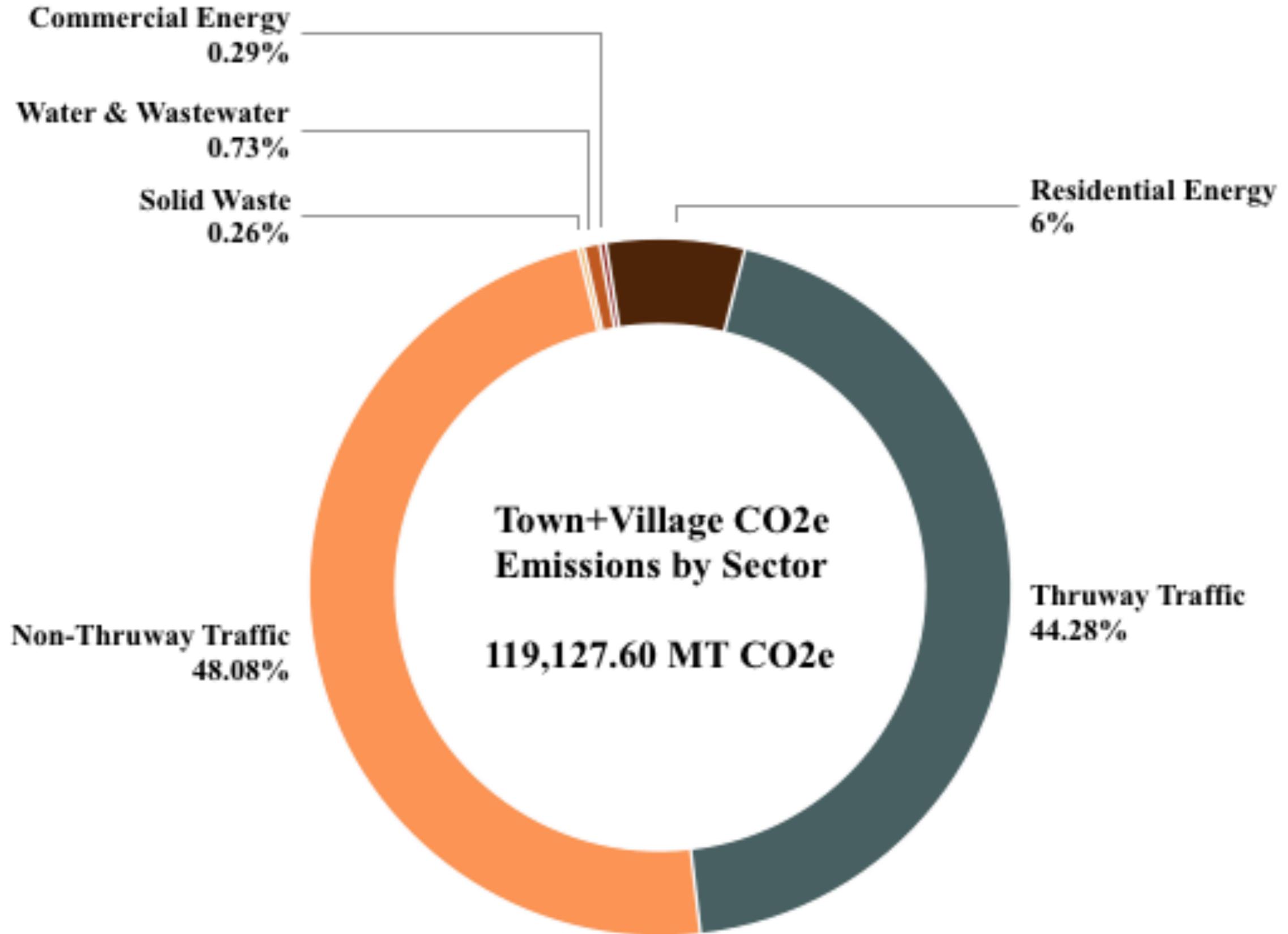
160,000 panels



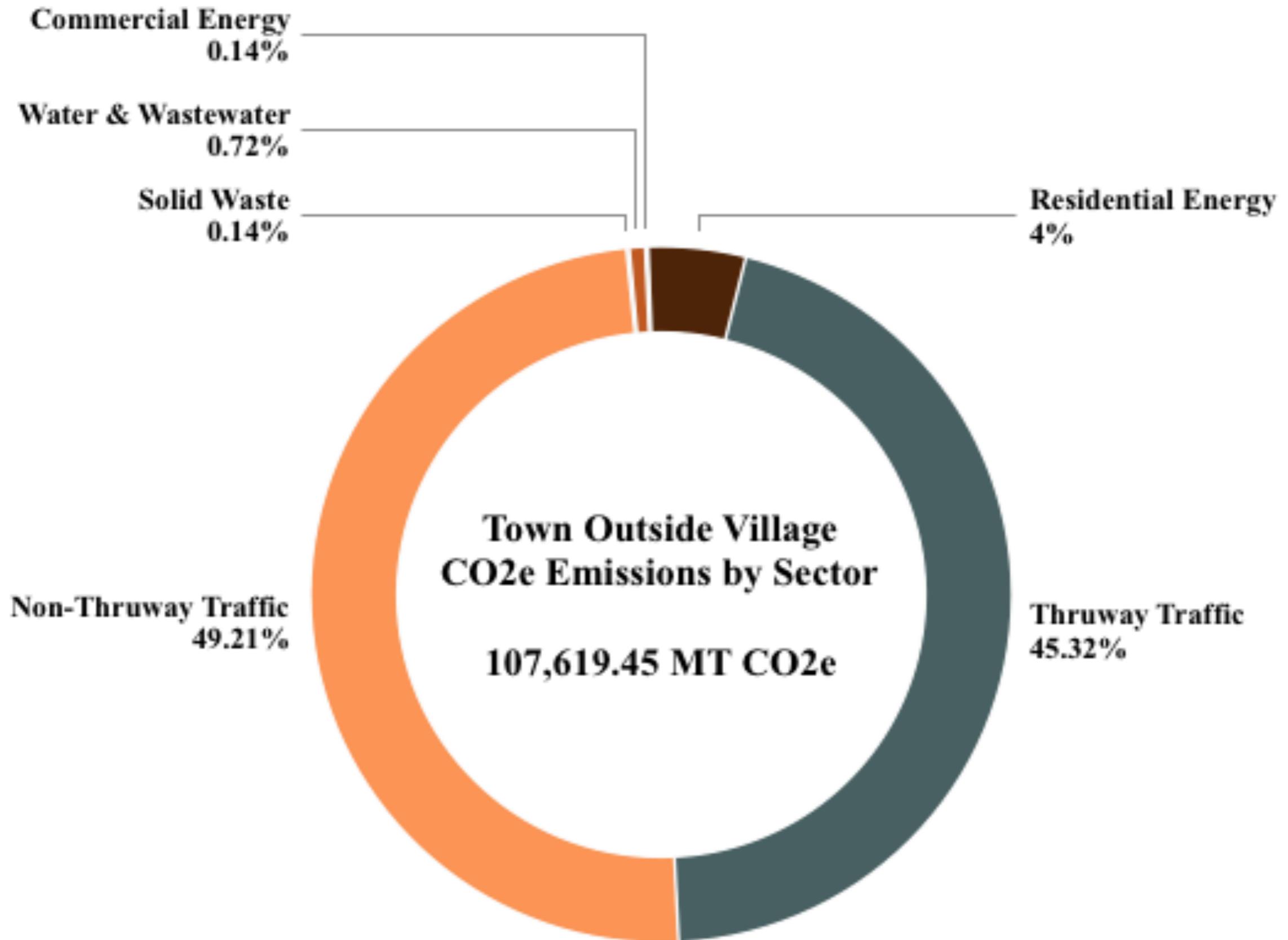
160,000 panels

\$65,000,000

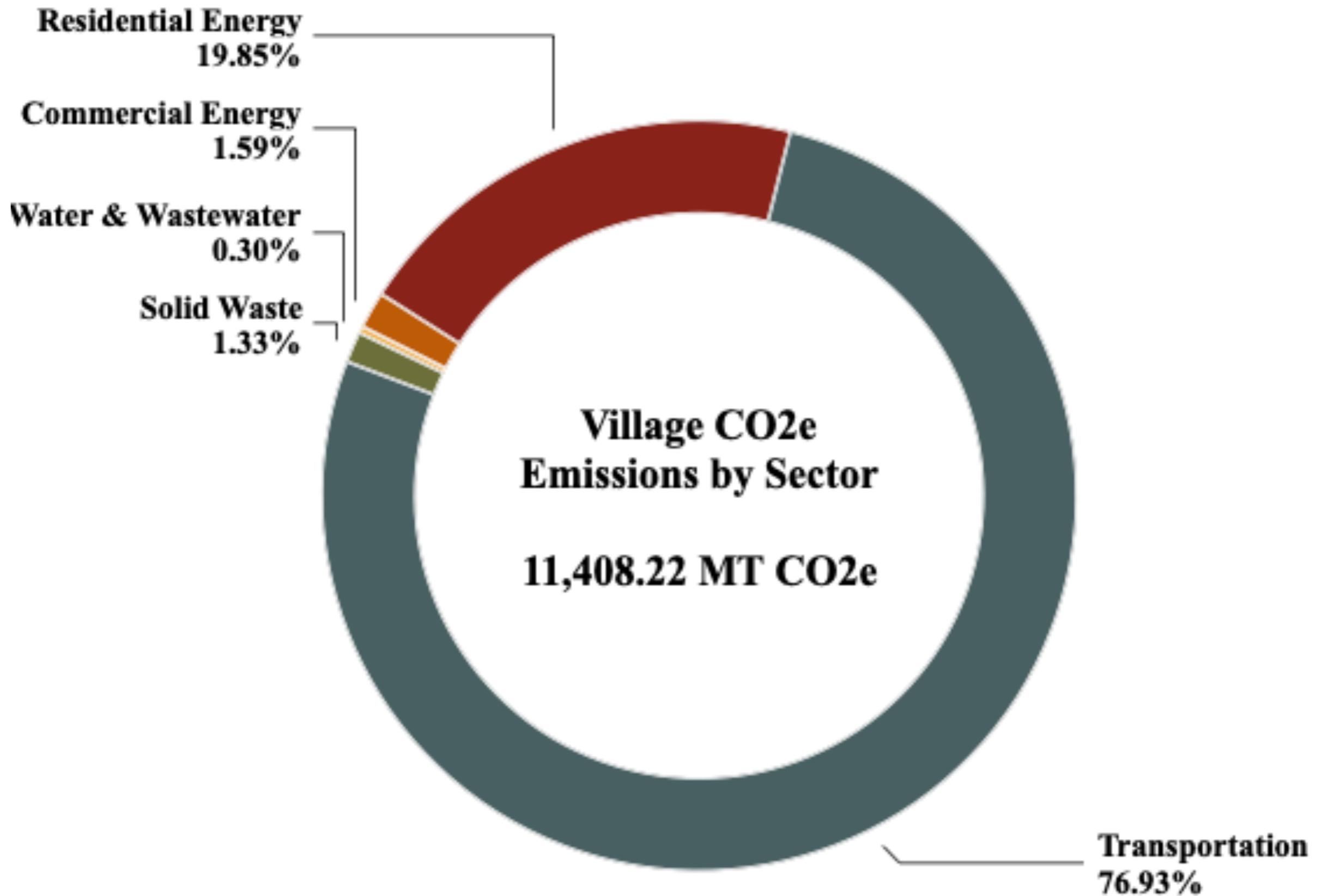
Town + Village Emissions Are Dominated by Traffic



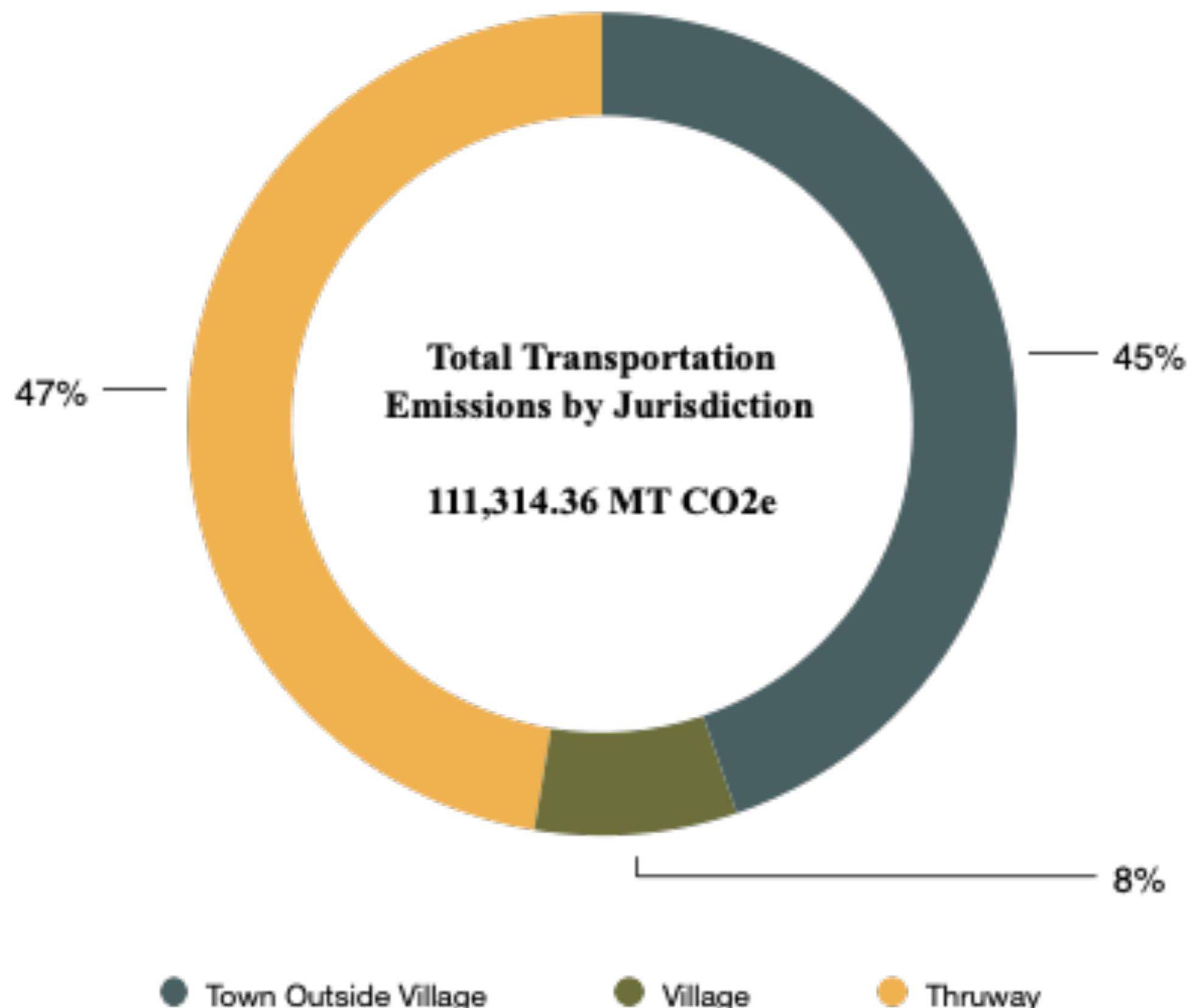
T.O.V Emissions Also Dominated by Traffic



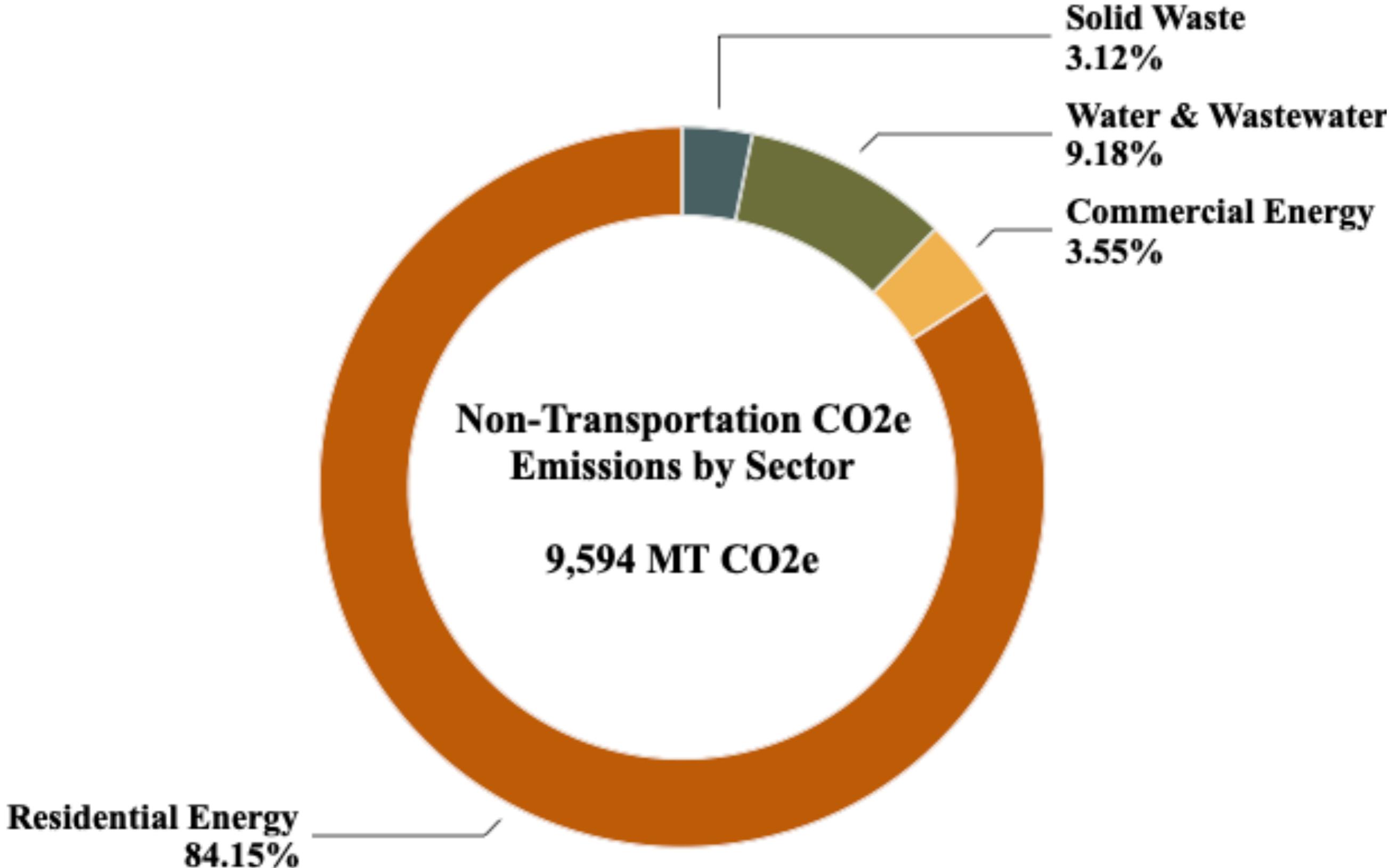
Residential Energy Has More Importance in the Village



92% of Traffic Emissions Are Outside the Village



Non-Traffic Emissions Dominated by Residential Energy



120,000 metric tons of CO₂e

66,000 without I-87

What Can We Do?



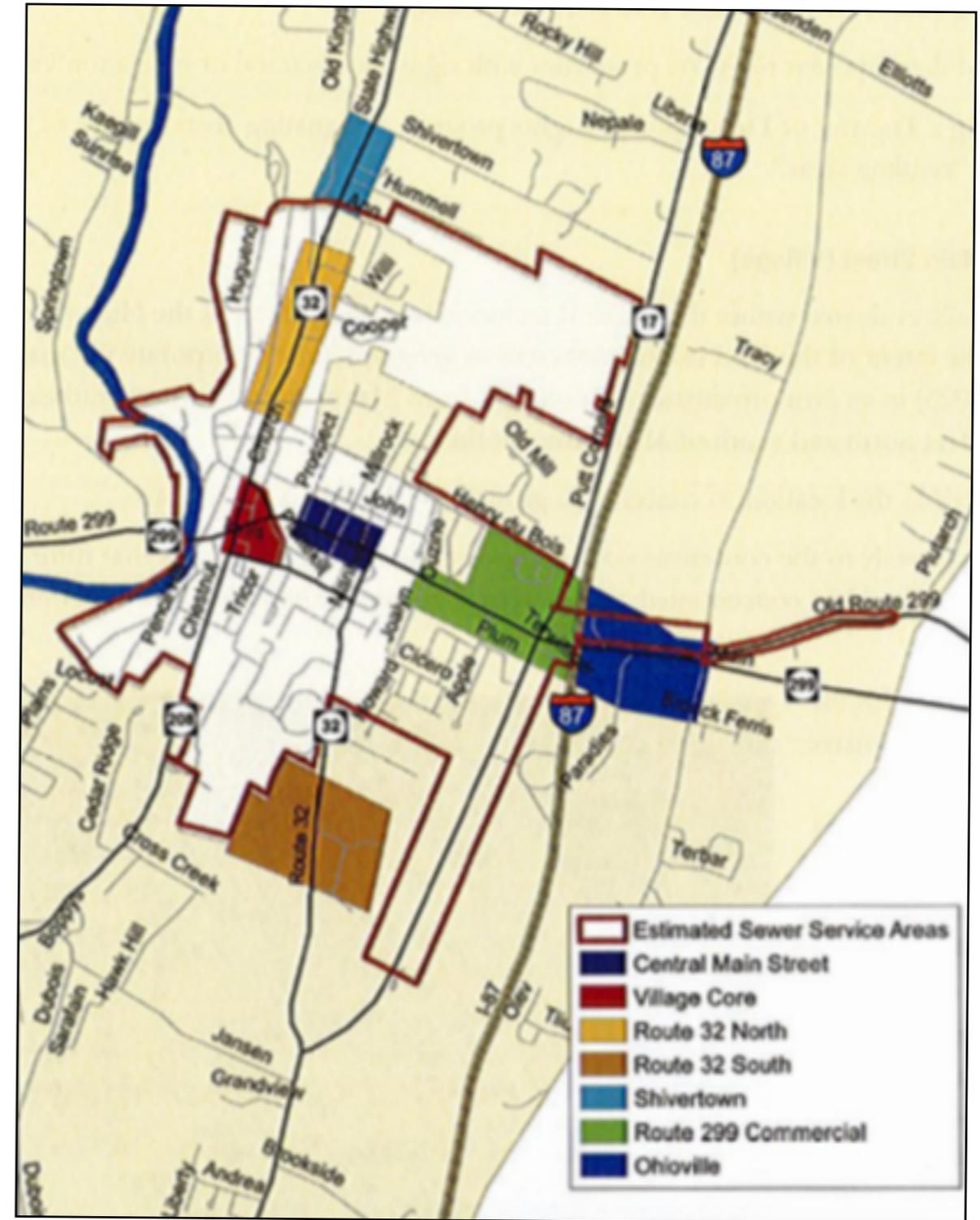
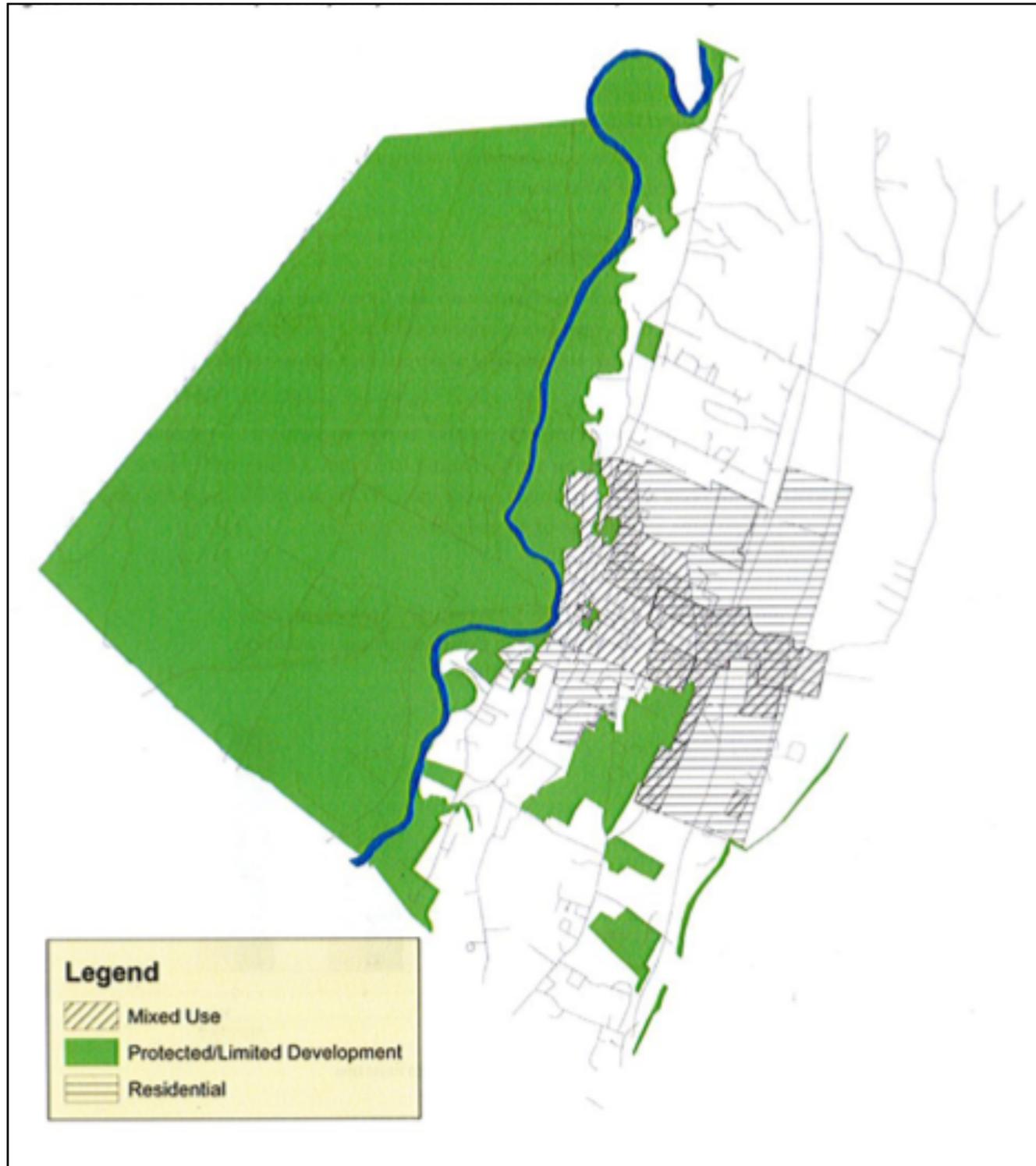
WHERE TO START

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





Thank You

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