

Reducing Commercial Greenhouse Gas Emissions

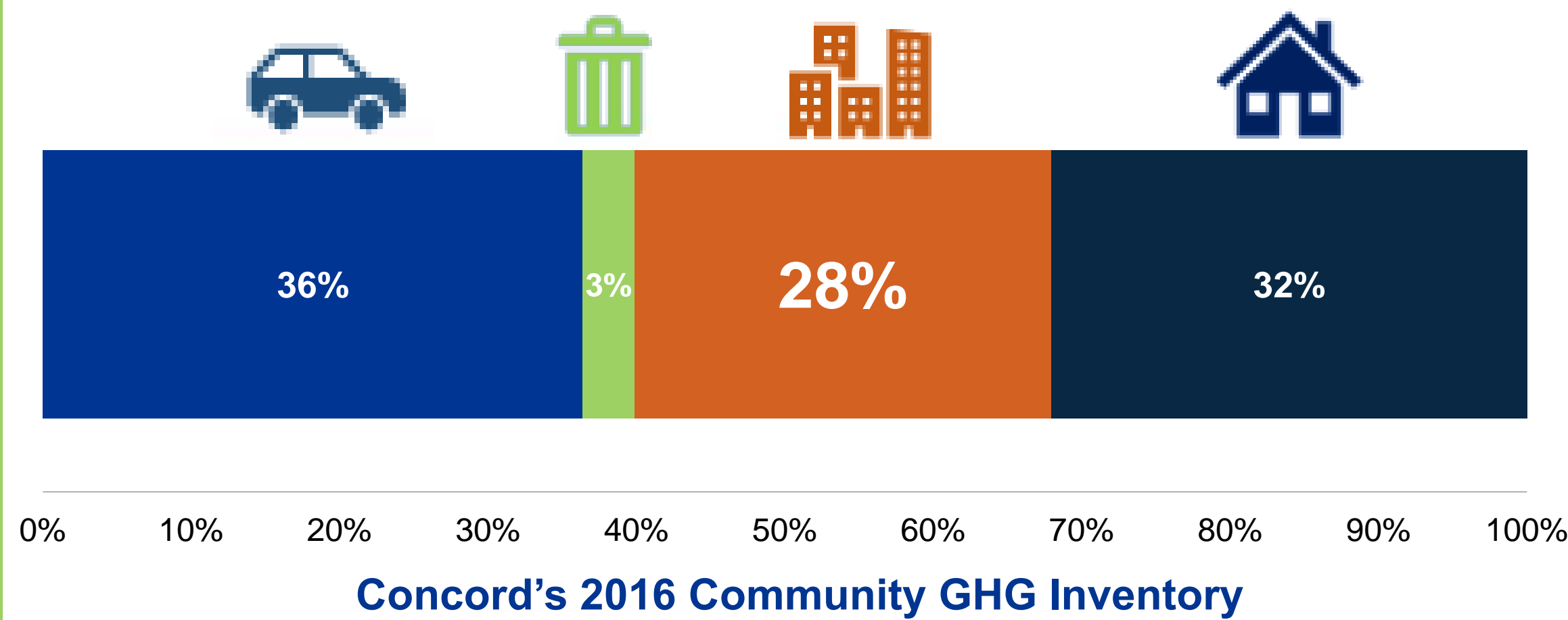
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Meeting Ambitious Goals

Concord's goal of reducing greenhouse gas emissions 80% by 2050 necessitates engagement with the commercial sector.

- Commercial buildings contribute to almost 30% of community-wide greenhouse gas emissions.



Discussion

The Town must **create opportunities** to achieve sustainability to help empower the business community to change.

The most effective strategy uses **many different methods** to engage the commercial sector with Town-wide sustainability goals.

Concord must **balance the needs of the community with Town goals**. Through interviews and research, the qualitative indicators below were estimated to determine the potential impact of each best practice and aid the Town in choosing a course of action.

Objectives

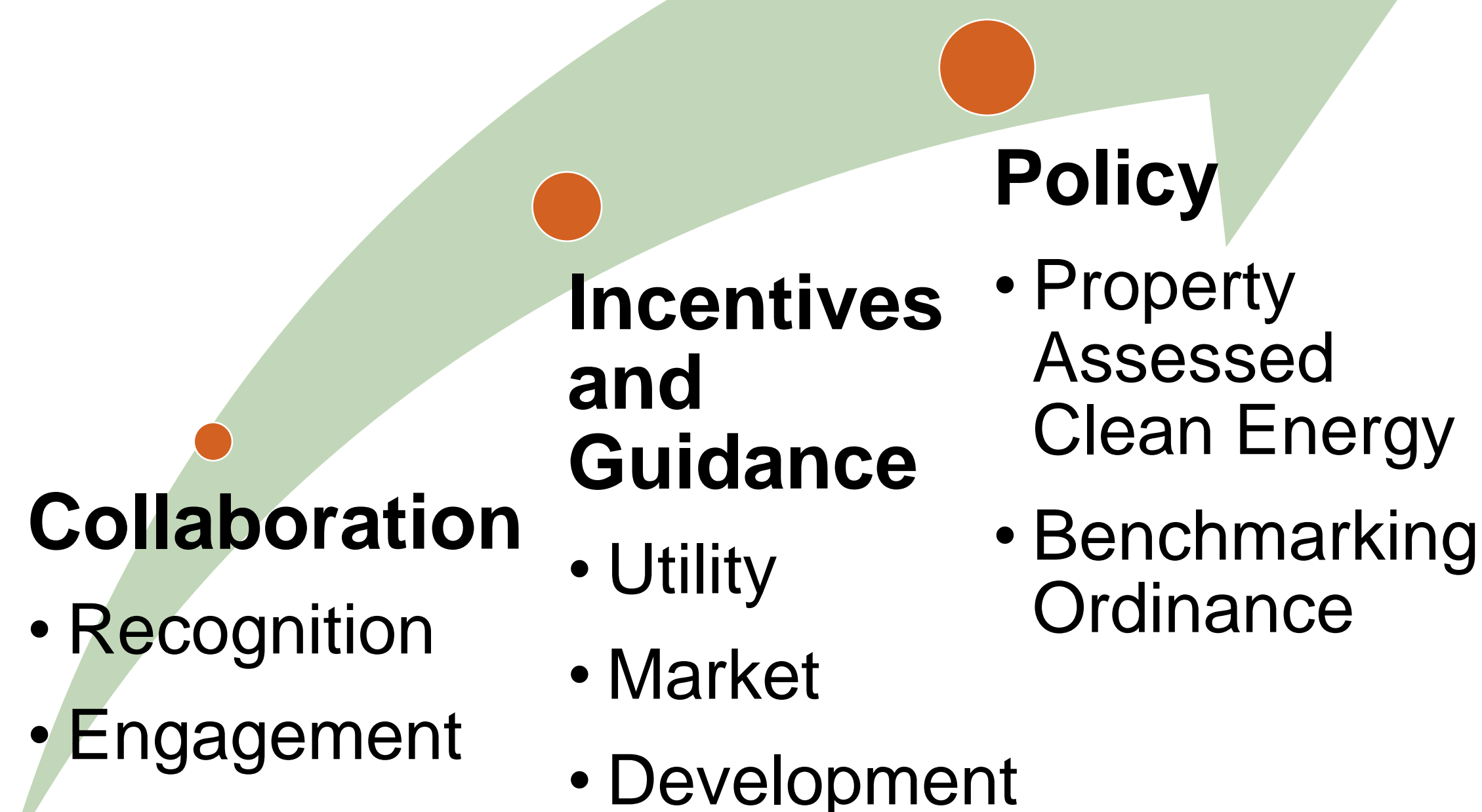
- Identify and analyze strategies to **reduce** commercial greenhouse gas emissions
- Find ways to better **support** Concord's commercial sector

Approach

- Interview** town leaders, local businesses, and other municipalities taking climate action
- Research** and identify best practices nationwide

Identified Best Practices

Each subsequent strategy is expected to require more resources and yield greater reduction results.



Strategy	Time to Implement	Cost to Town	Administrative Burden	Environmental Impact
Recognition Program	1 clock icon	1 money icon	2 document icons	1 tree icon
Commercial Sustainability Engagement Campaign	2 clock icons	1 money icon	2 document icons	2 tree icons
Strengthen Utility Incentives	2 clock icons	2 money icons	2 document icons	2 tree icons
Expand Market and Development Incentives	2 clock icons	2 money icons	2 document icons	2 tree icons
Guidance for Site Plan Review	1 clock icon	1 money icon	1 document icon	3 tree icons
Property Assessed Clean Energy Financing	2 clock icons	1 money icon	1 document icon	2 tree icons
Benchmarking Ordinance	3 clock icons	2 money icons	3 document icons	3 tree icons

Symbol Key: ● Modest ●● Moderate ●●● Significant

Reference

- Town of Concord Community Greenhouse Gas Emissions Inventory 2008 and 2016



Sustainability Institute