Roadmap to Decarbonization Baseline Report

Sustainability Programs Manager

What is a Roadmap?

- **A roadmap is a sharable tool which can allow all internal stakeholders to remain on the same page**
  - **Assigns responsibilities**
  - **Communicates timelines**
  - **Measures expected impacts of actions**
- **Implementation checklist**
- **Metrics for completion**
- **Wholistic approach**

Baseline Emissions

LakeCounty

- **In 2017, Lake County produced 35,823 MT of CO2e.**

Scope	Sector	CO2e
Scope 1&2	Buildings & Facilities	25,967
Scope 2	Streetlights & Traffic Signals	310
Scope 1	Vehicle Fleet	3,122
Scope 3	Employee Commute	6,100
Scope 1	Wastewater Treatment Facilities	324

CO2e By Category

- Street Lights & Traffic Signals
- Water & Wastewater Treatment Facilities
- Vehicle Fleet
- Employee Commute
- Buildings & Facilities
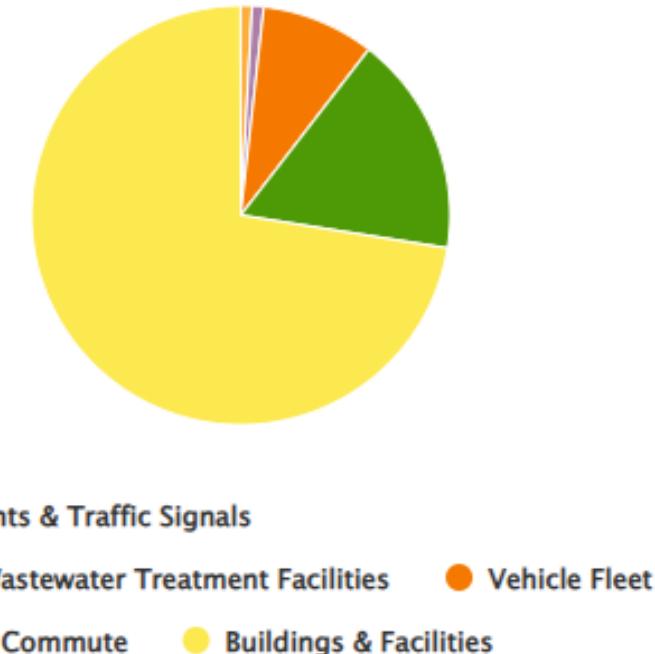
2024 Greenhouse Gas Emissions

LakeCounty

- **In 2024, Lake County produced 27,623 MT of CO2e.**

Scope	Sector	CO2e
Scope 1&2	Buildings & Facilities	17,884
Scope 2	Streetlights & Traffic Signals	199
Scope 1	Vehicle Fleet	3,597
Scope 3	Employee Commute	5,829
Scope 1	Wastewater Treatment Facilities	114

CO2e By Category

- Water & Wastewater Treatment Facilities
- Street Lights & Traffic Signals
- Vehicle Fleet
- Employee Commute
- Buildings & Facilities
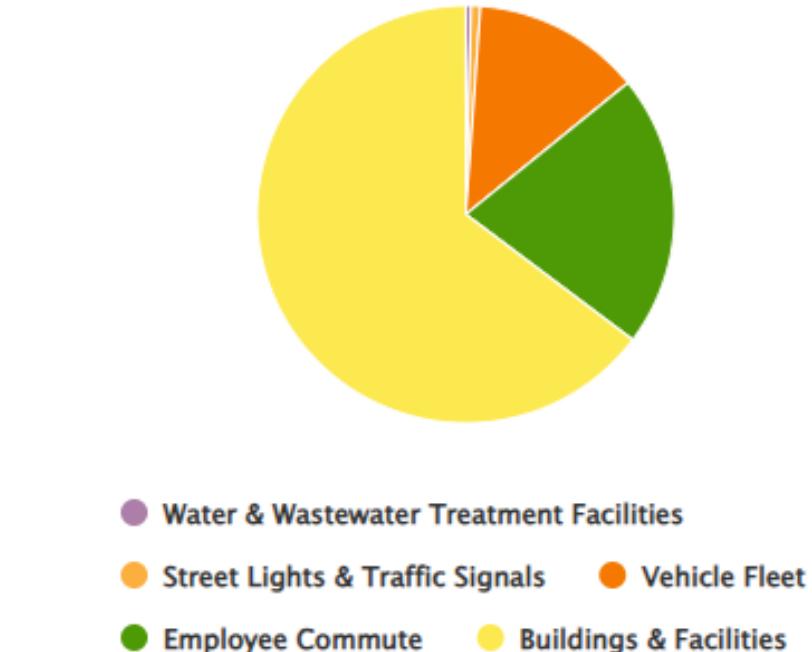
Content Summary for 2025 Reporting Period

- **22 Goals**
- **175 Strategies**
- **69% of strategies have payback or revenue potential**
- **55% of strategies have ongoing costs**
- **38% of strategies have a specific timeframe for implementation**

Pie chart of strategies by department:
- Facilities and Construction Services 29%
- County Administration 26%
- Division of Transportation 17%
- Finance 7%
- Human Resources 6%
- State/Federal Lobbyist 3%
- Communications 3%
- Planning, Building, and Development 2%
- Public Works 2%
- Health Department 2%
- Stormwater Management 2%
- Community Development 1%

LakeCounty

1.7.26
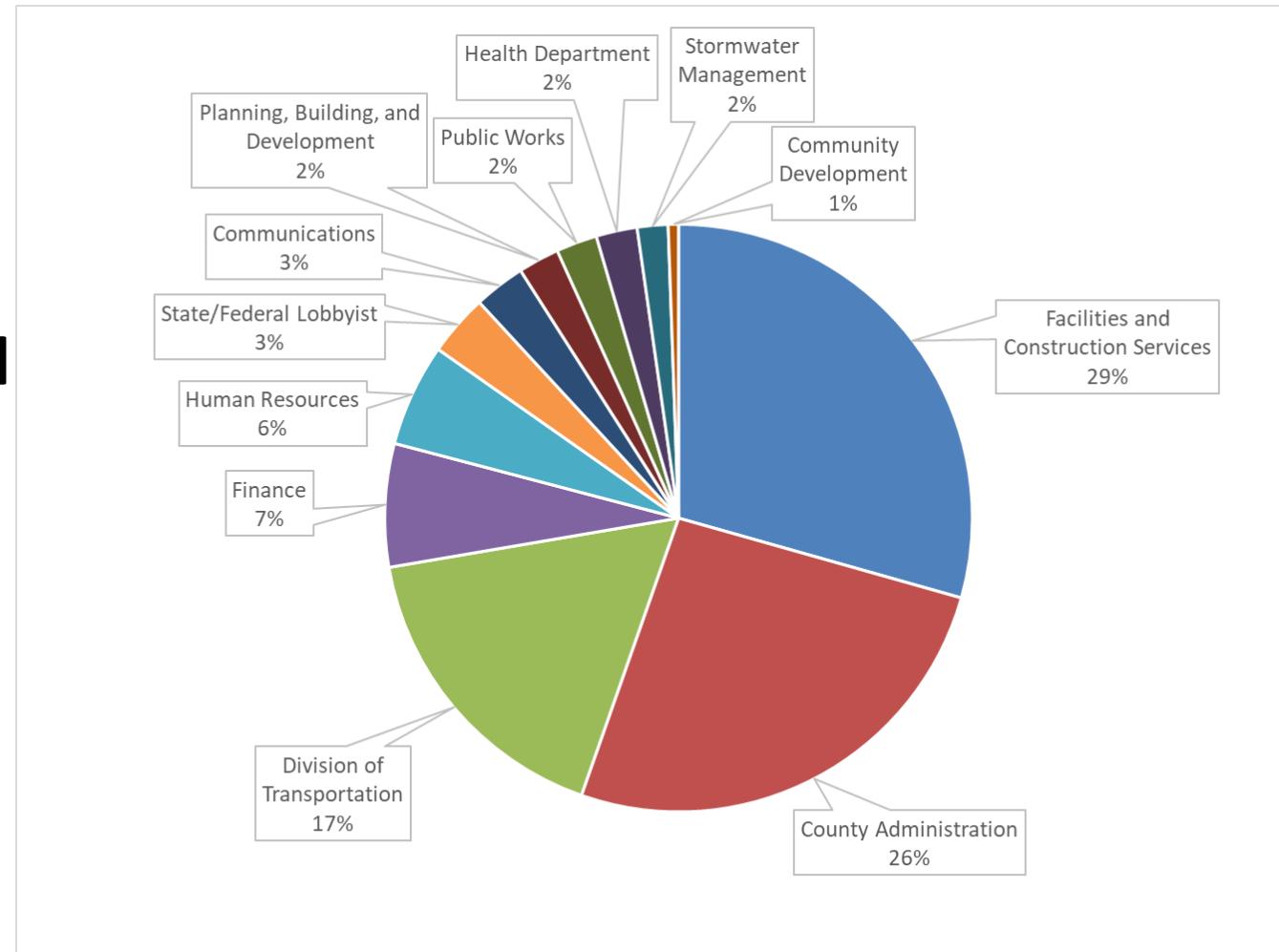
Annual Reporting Process

- **Every strategy in the Roadmap to Decarbonization has been assigned to a Head Responsible Party**

- **The role of the Head Responsible Party is to keep a record of progression and report strategy progress annually on behalf of all the groups working on that strategy through a survey**

- **The total reporting period (30 days) was enough for the Head Responsible Parties to conduct reporting**

- **Training materials for reporting received positive feedback on their clarity and effectiveness**

- **This report method will repeat annually**

Strategy Completion Rate
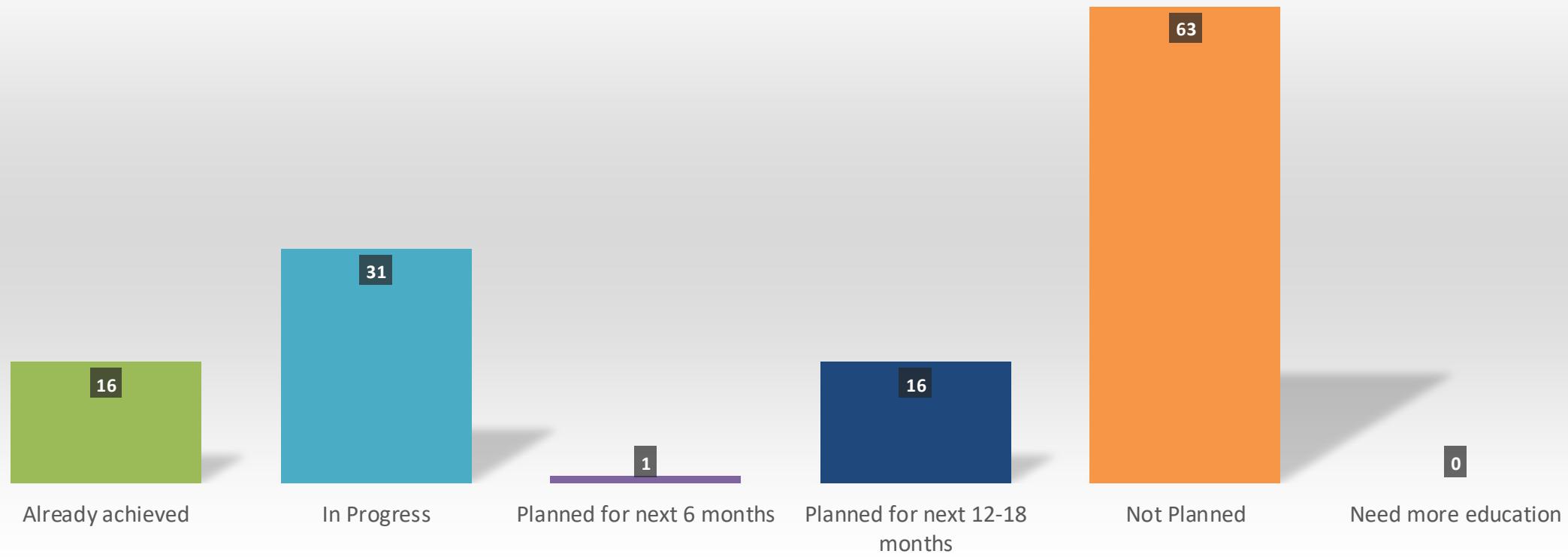
Strategy Completion Rate
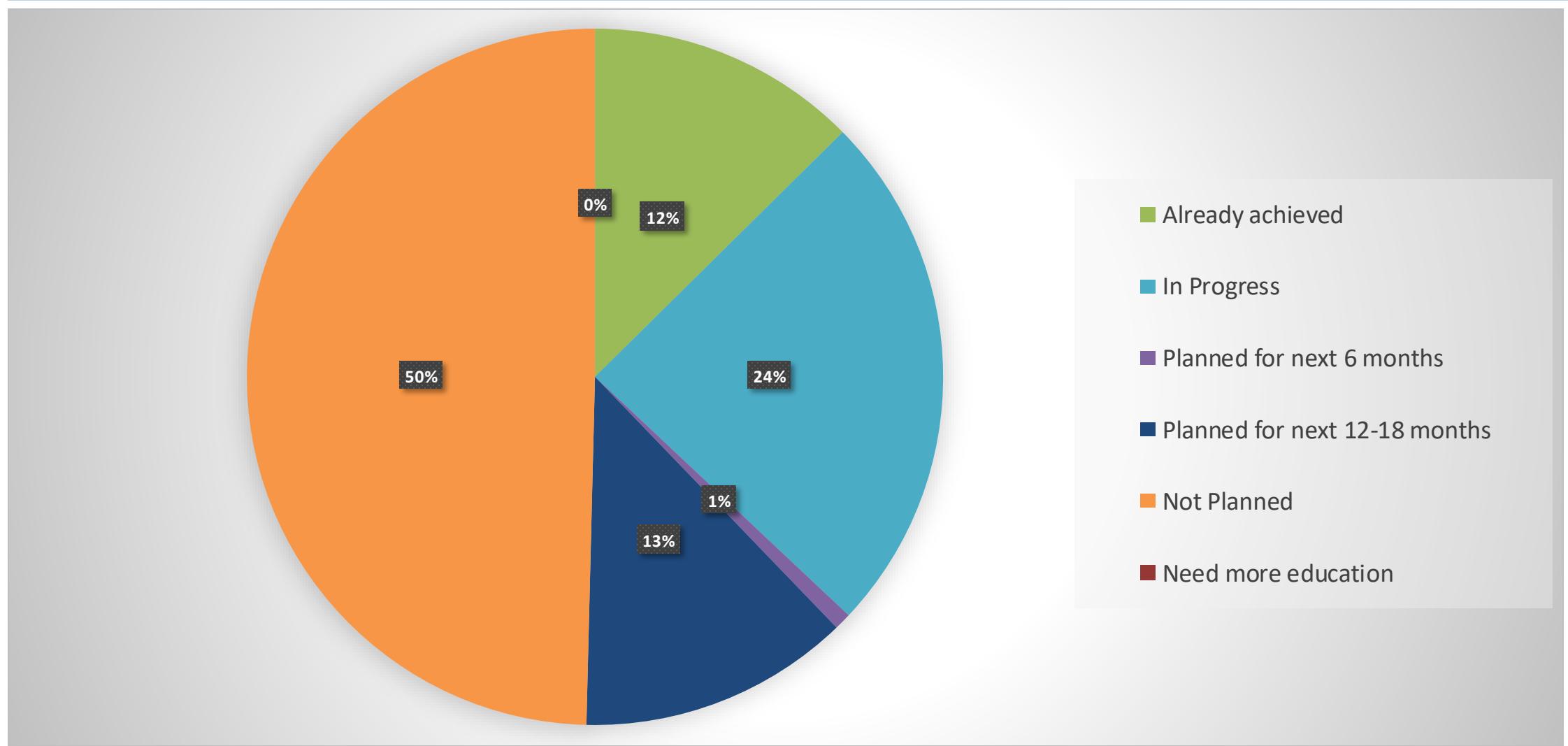
Suggested Changes

- **Suggestions to reassign some Head Responsible Parties to different team**

- **Requests for narrowed scope**

- **Requests for clarification or updated language**

- **Suggestions for combining strategies to avoid redundancies**

- **Requests to eliminate certain strategies based on need**

Content Summary for 2026 Reporting Period

- **22 Goals**

- **170 Strategies**

- **69% of strategies have payback or revenue potential**

- **55% of strategies have ongoing costs**

- **38% of strategies have a specific timeframe for implementation**

Pie chart of strategies by department:
- Facilities and Construction Services 29%
- County Administration 26%
- Division of Transportation 17%
- Finance 7%
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1.7.26

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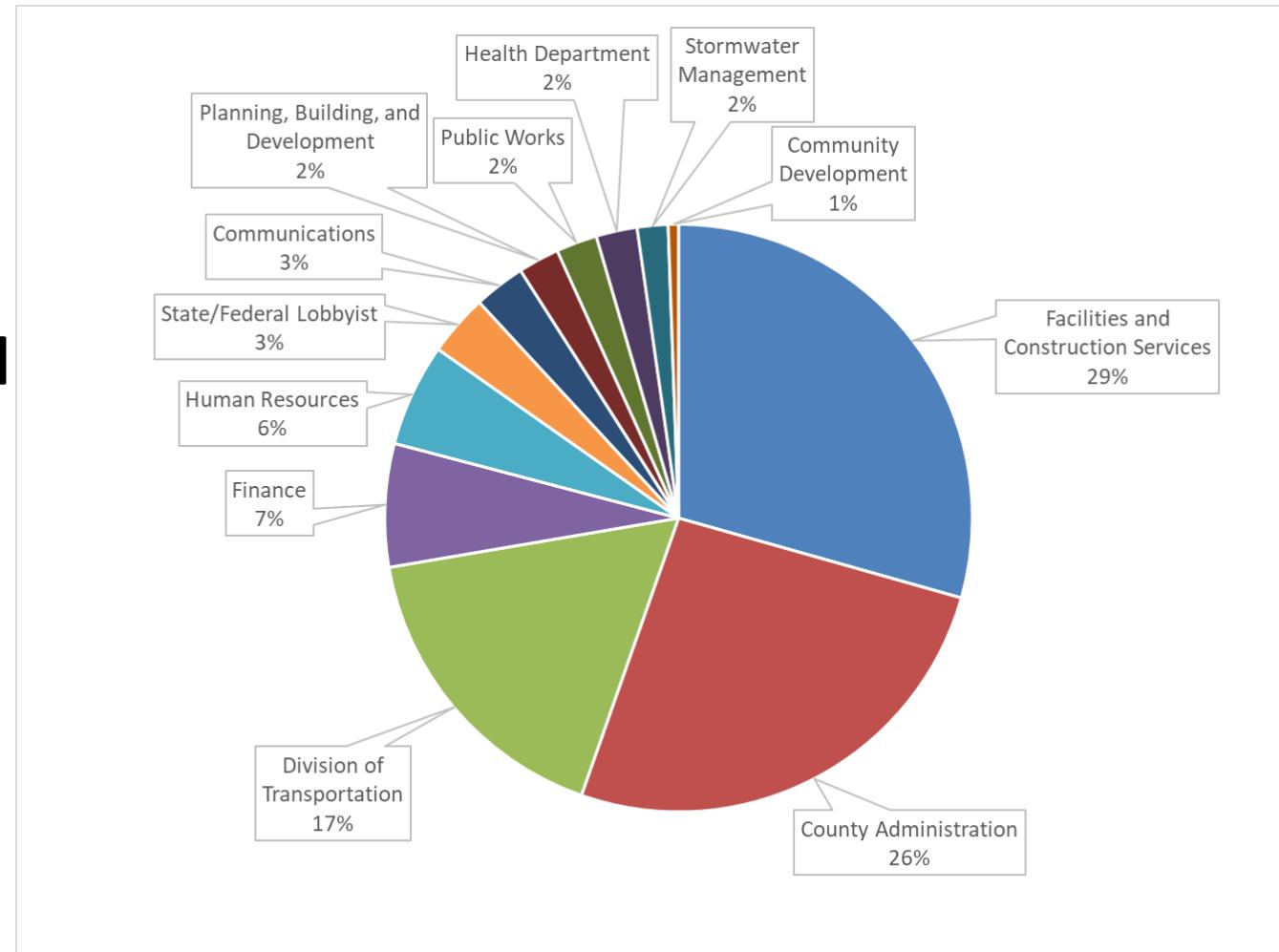
Support Requests

Is there a need for any extra support to begin planning?

Answered: 64   Skipped: 118
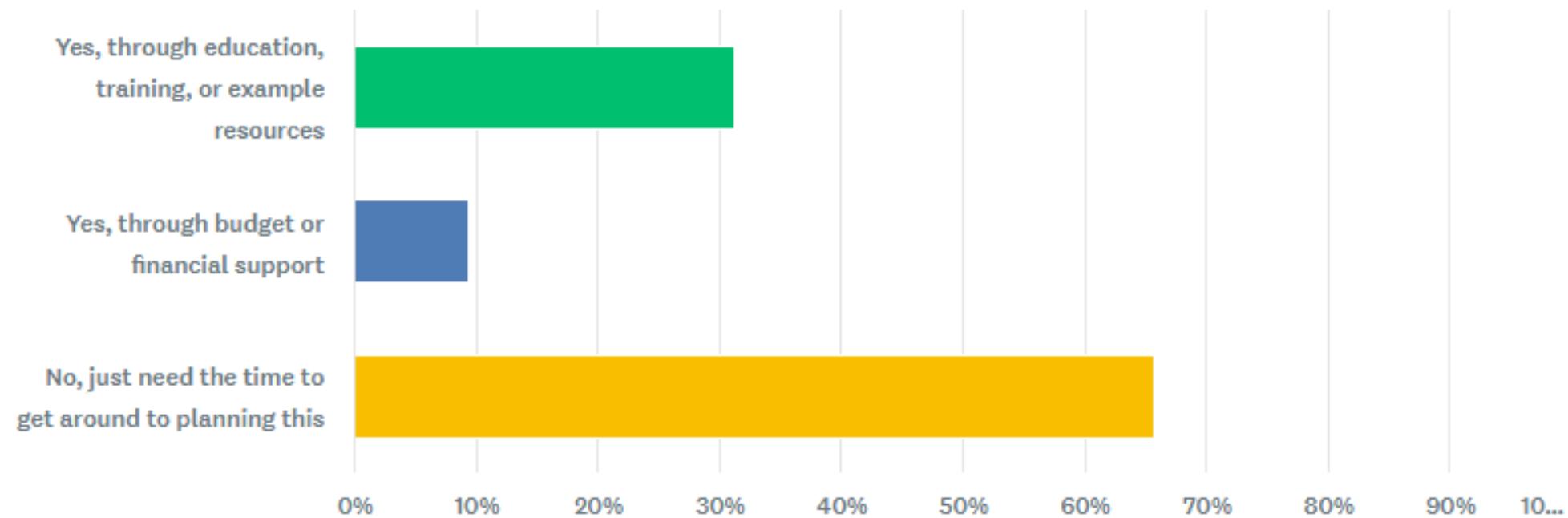
Completed Strategy

- **Buildings and Facilities Strategy #28 "Install smart metering technology that allow for real-time energy consumption measurements for all County facilities by 2030"**

- **Head Responsible Party: Facilities & Construction Services**
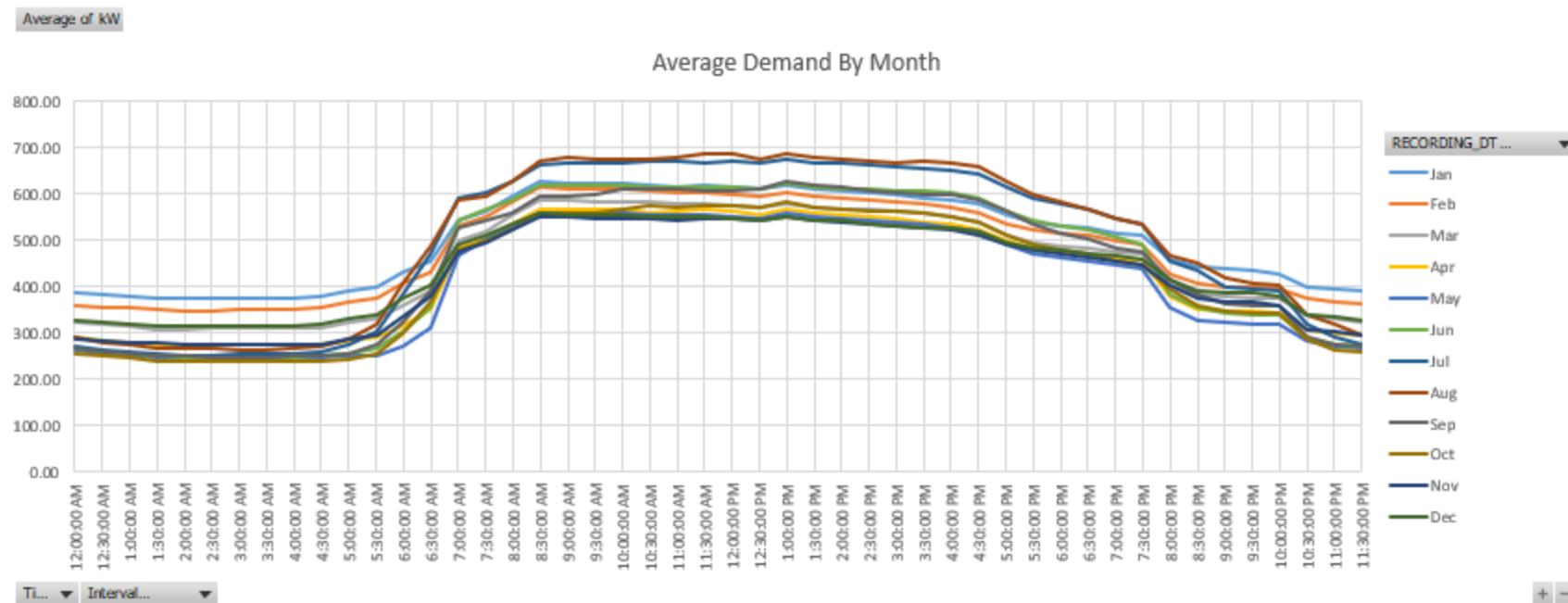
Completed Strategy

- **Employee Commute Strategy #13 "Reintroduce public transit incentives by 2026"**

- **Head Responsible Party: Human Resources**

Use your commuter benefits in **Chicago** to save money and get to work in the way that works best for you.

STEP 1
Enroll in commuter benefits with your employer.

STEP 2
Determine your pre-tax contribution amount

*This is how you save $$$ on commuting to-and-from work

STEP 3
Receive your benefits debit card in the mail.

STEP 4
Spend your funds on your work commute.

2026 Highlights

- **Implementation Report Document to be uploaded to Sustainability Page and ESP**
- **Development of Electric Vehicle Procurement Policy**
- **Solar right sizing for available properties**
- **Install Waukegan rooftop solar array**
- **Seek additional funding for public and commuter EV charging**
- **Increase participation in voluntary energy demand response programs**
- **Development of Work from Home Policy**

Questions