COMMUNITY
ENERGY PLANNING
**GETTING TO IMPLEMENTATION**
IN CANADA

# Community Energy Planning: Getting to Implementation in Alberta

June 18, 2015

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# Agenda

- Welcome and introductions
- An overview of the project and community energy plan implementation in Canada
- **Part I** – Building buy-in for community energy planning
- **Part II** – A provincial approach to community energy planning

# Overview of the Getting to Implementation Initiative

Stage

1 Commencement

2 Research

3 National Engagement & Framework

4 Pilot & Promotion

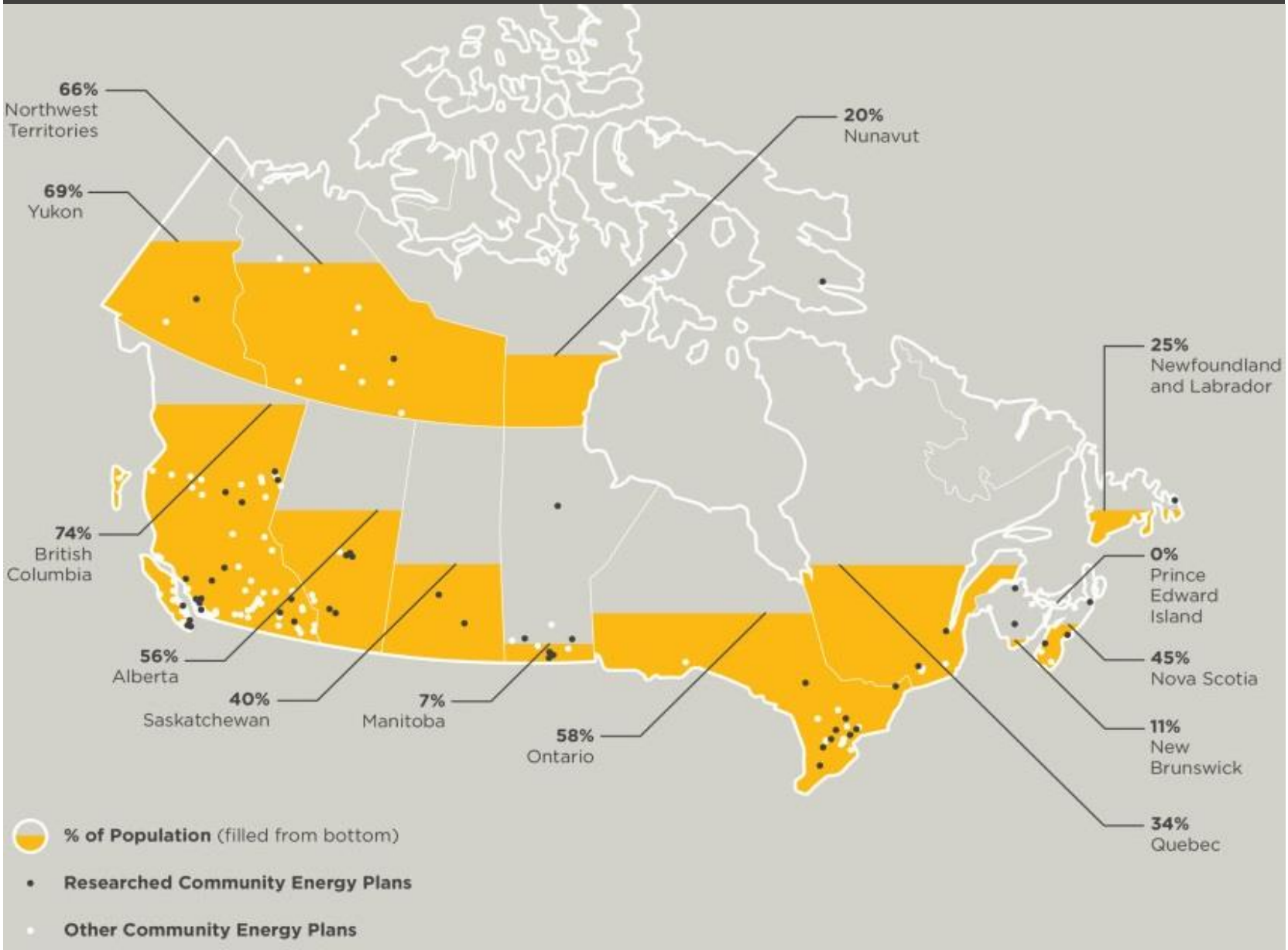
Deliverable

2
- National Report on CEP Implementation
- National Report on Policies Supporting CEP Implementation

3
- National workshop series
- Community Energy Implementation Framework

4
- Apply Framework to three test communities
- Practical case studies developed for test communities
- Training modules developed to aid with delivering the Framework
- Framework made publicly available with training support

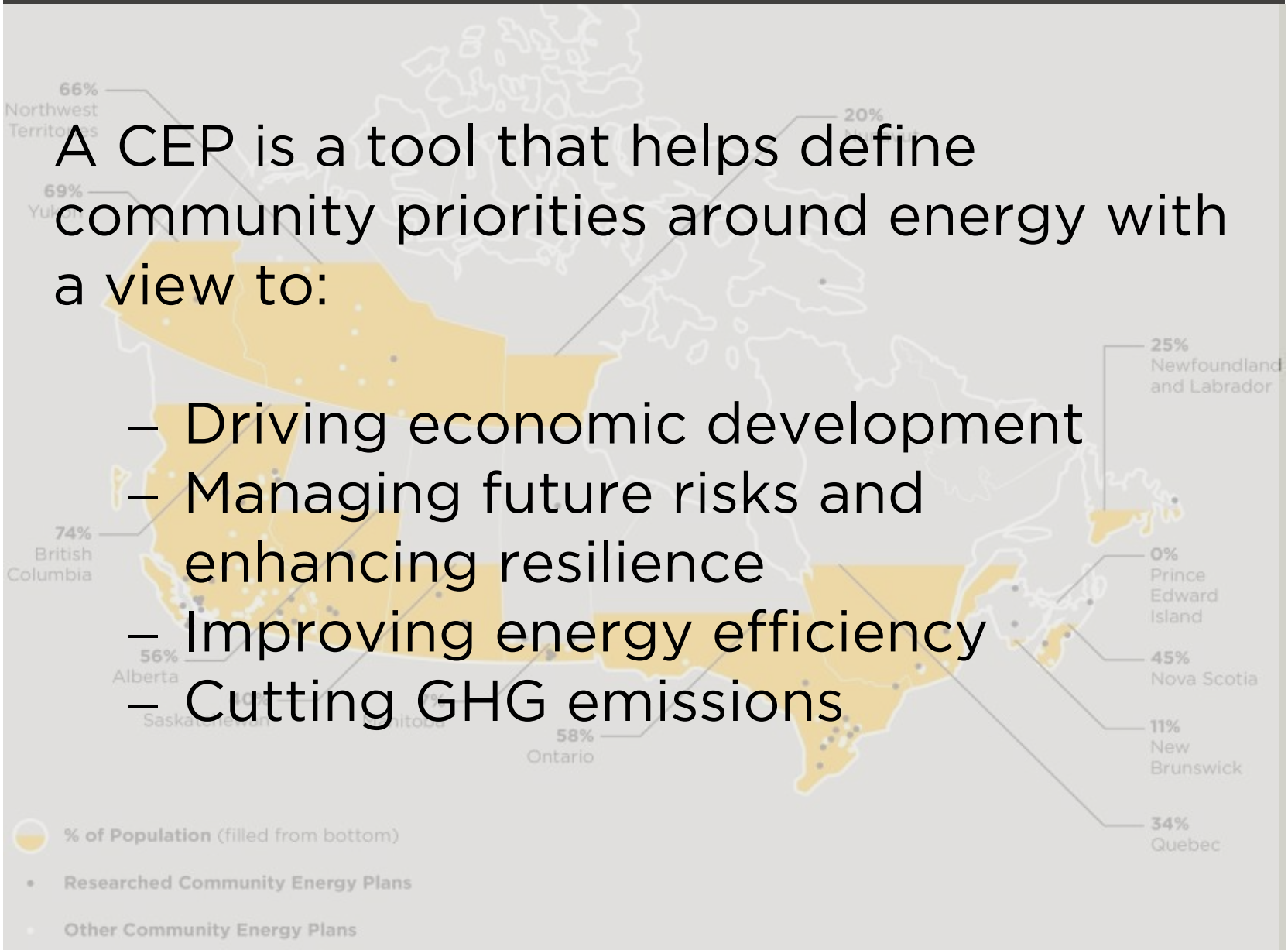
# What is a Community Energy Plan?



# What is a Community Energy Plan?

A CEP is a tool that helps define community priorities around energy with a view to:

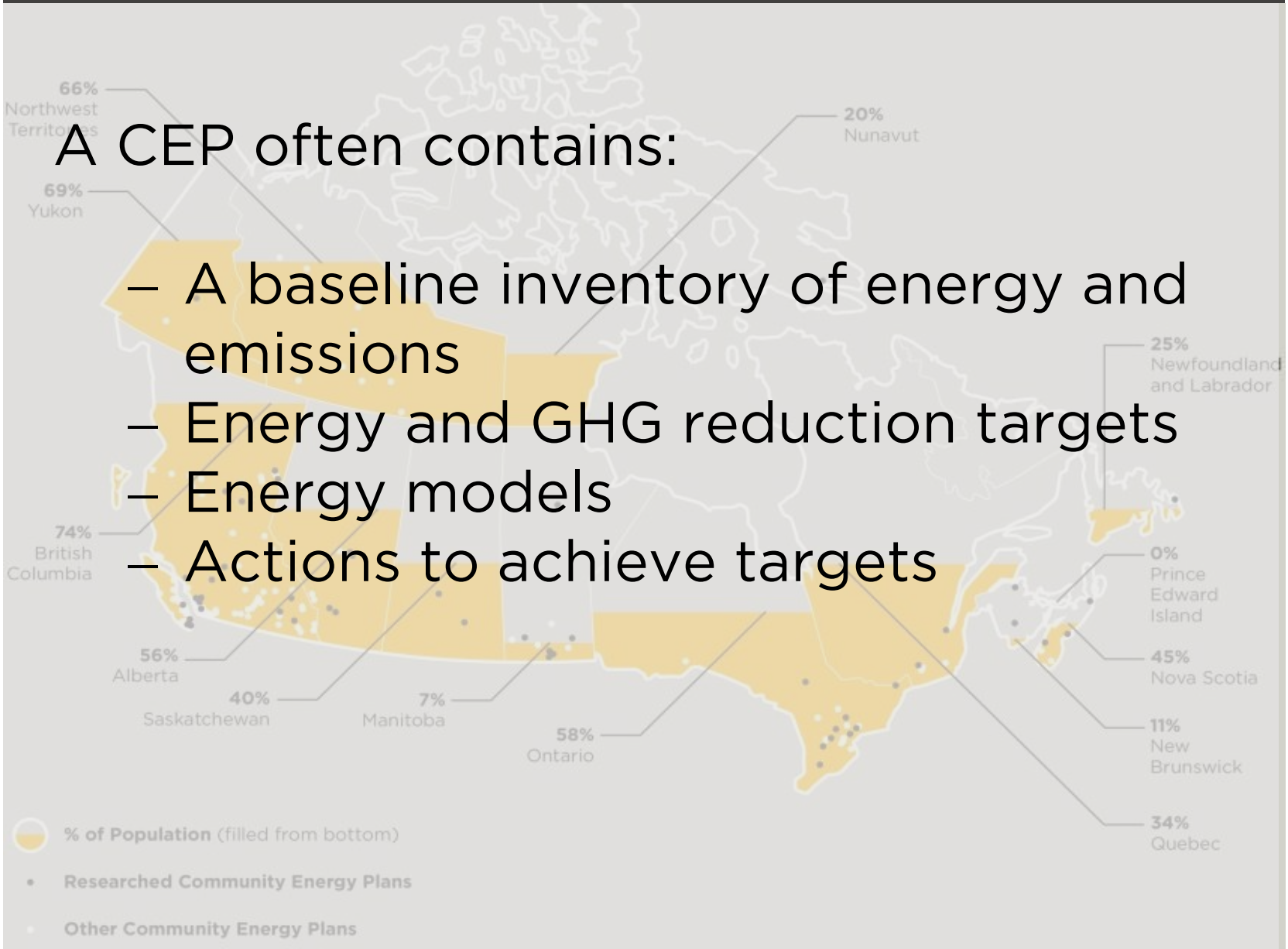
- Driving economic development
- Managing future risks and enhancing resilience
- Improving energy efficiency
- Cutting GHG emissions



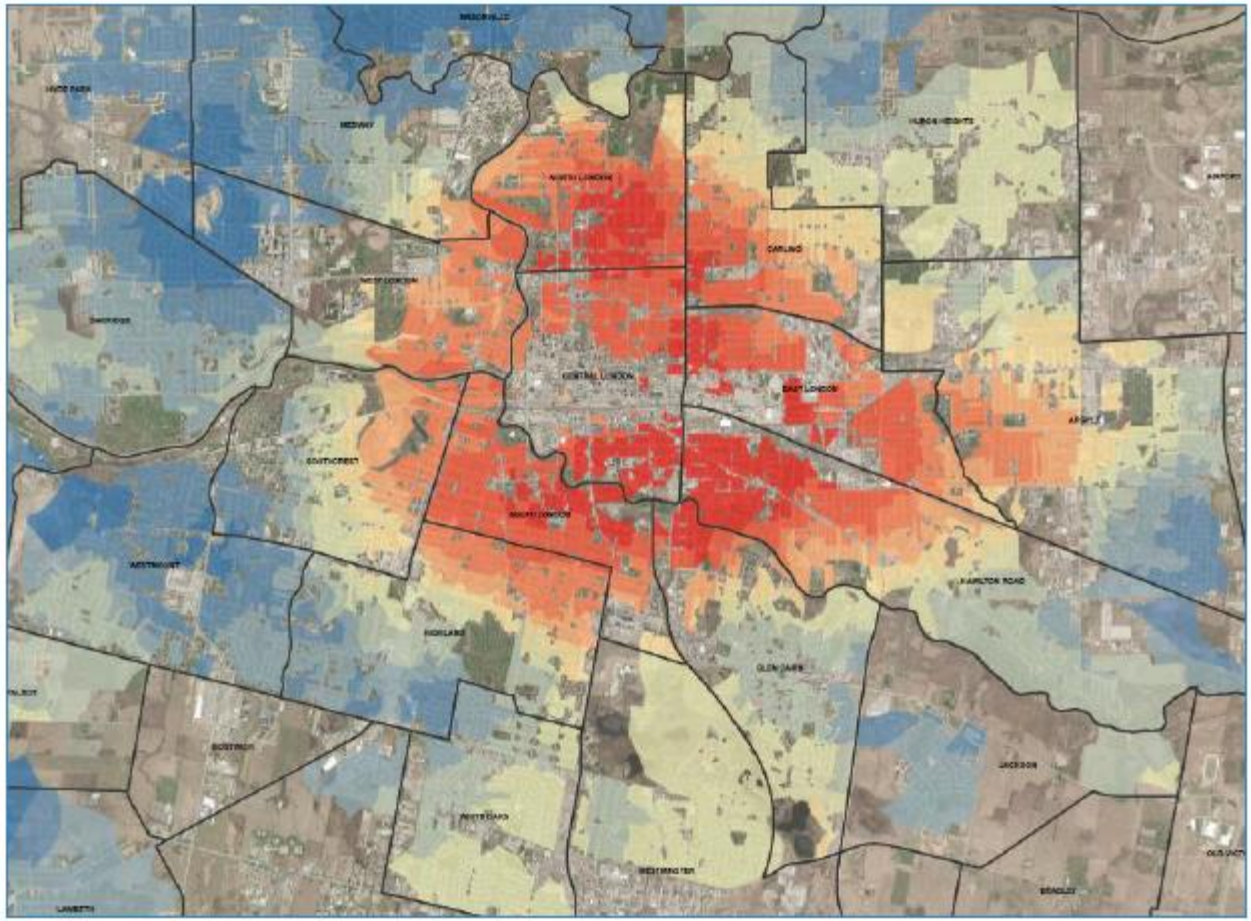
# What is a Community Energy Plan?

A CEP often contains:

- A baseline inventory of energy and emissions
- Energy and GHG reduction targets
- Energy models
- Actions to achieve targets



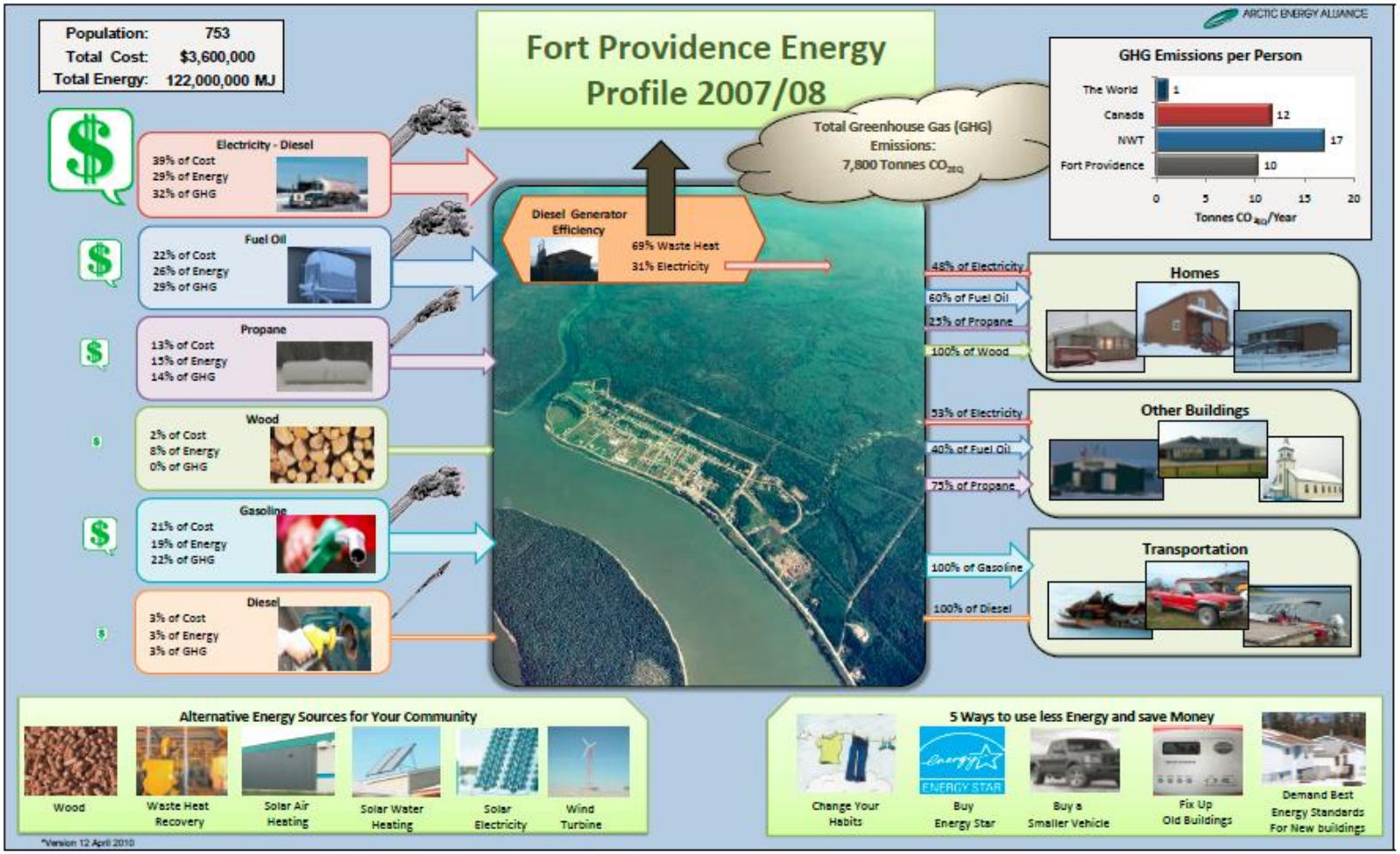
# What is a Community Energy Plan?
## Baseline inventory



Map Showing Relative Energy Efficiency of London's Housing Stock for Natural Gas Use (2008 Data)

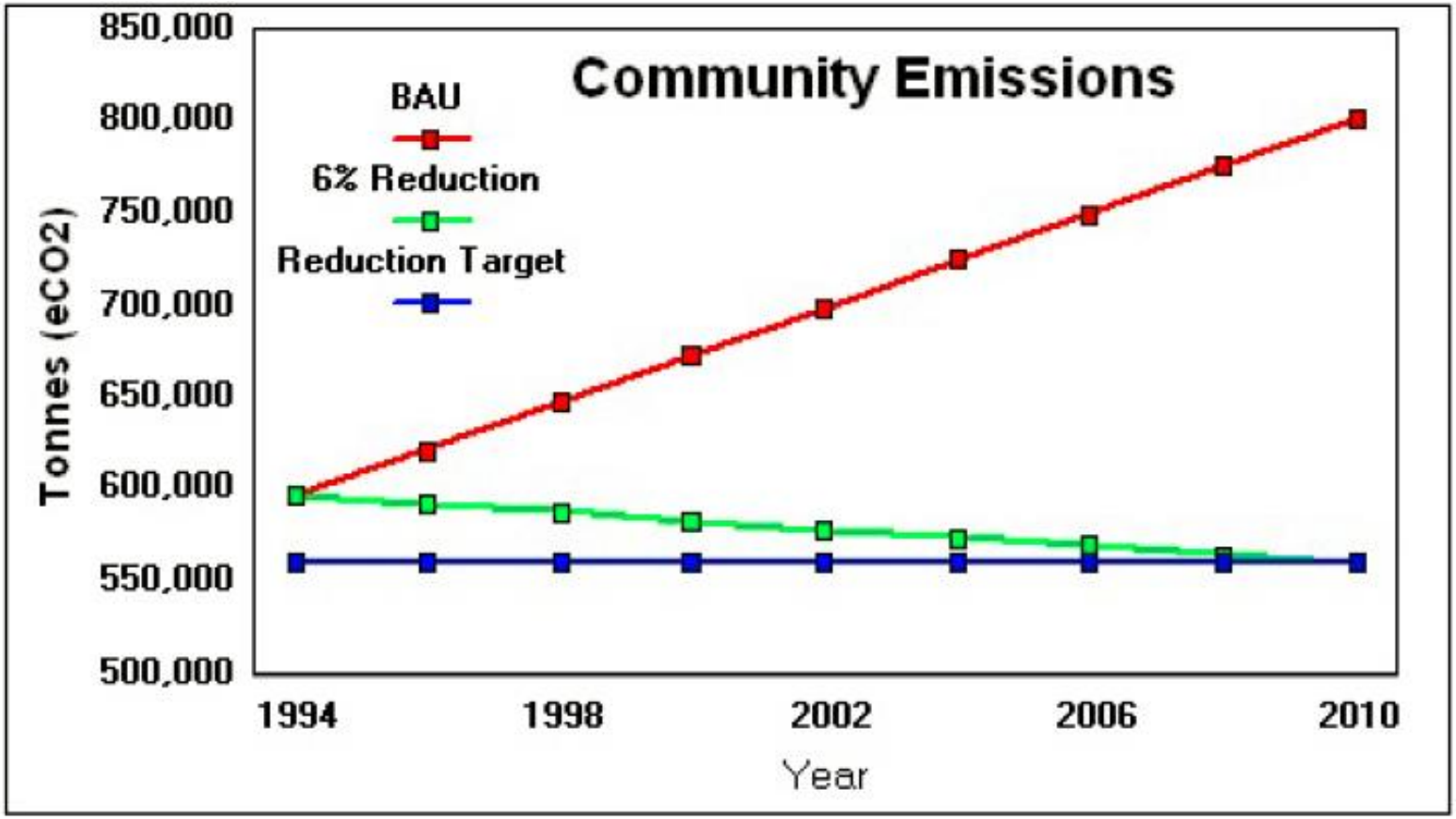
*Source: London, Ontario*

# What is a Community Energy Plan?
## Baseline inventory



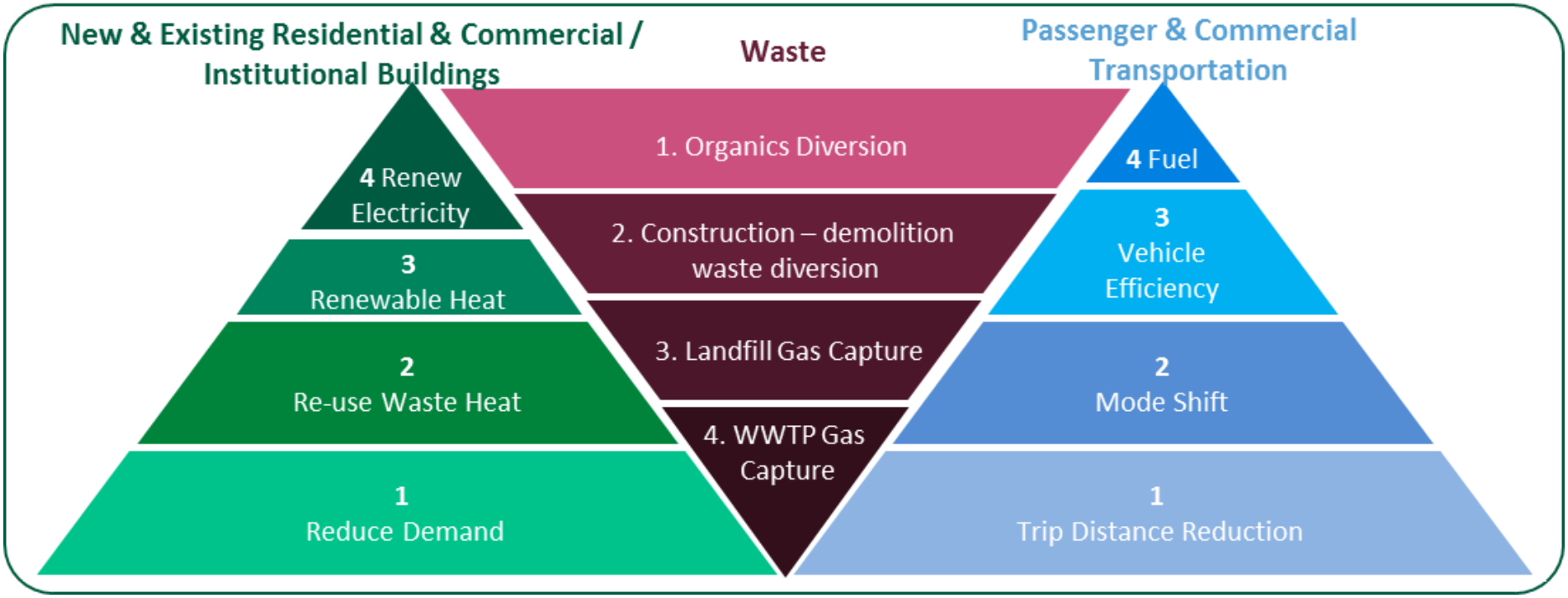

*Source: Fort Providence, Northwest Territories (Arctic Energy Alliance, 2008)*

# What is a Community Energy Plan? Models




*Source: St John's Climate Change Action Plan (2006)*

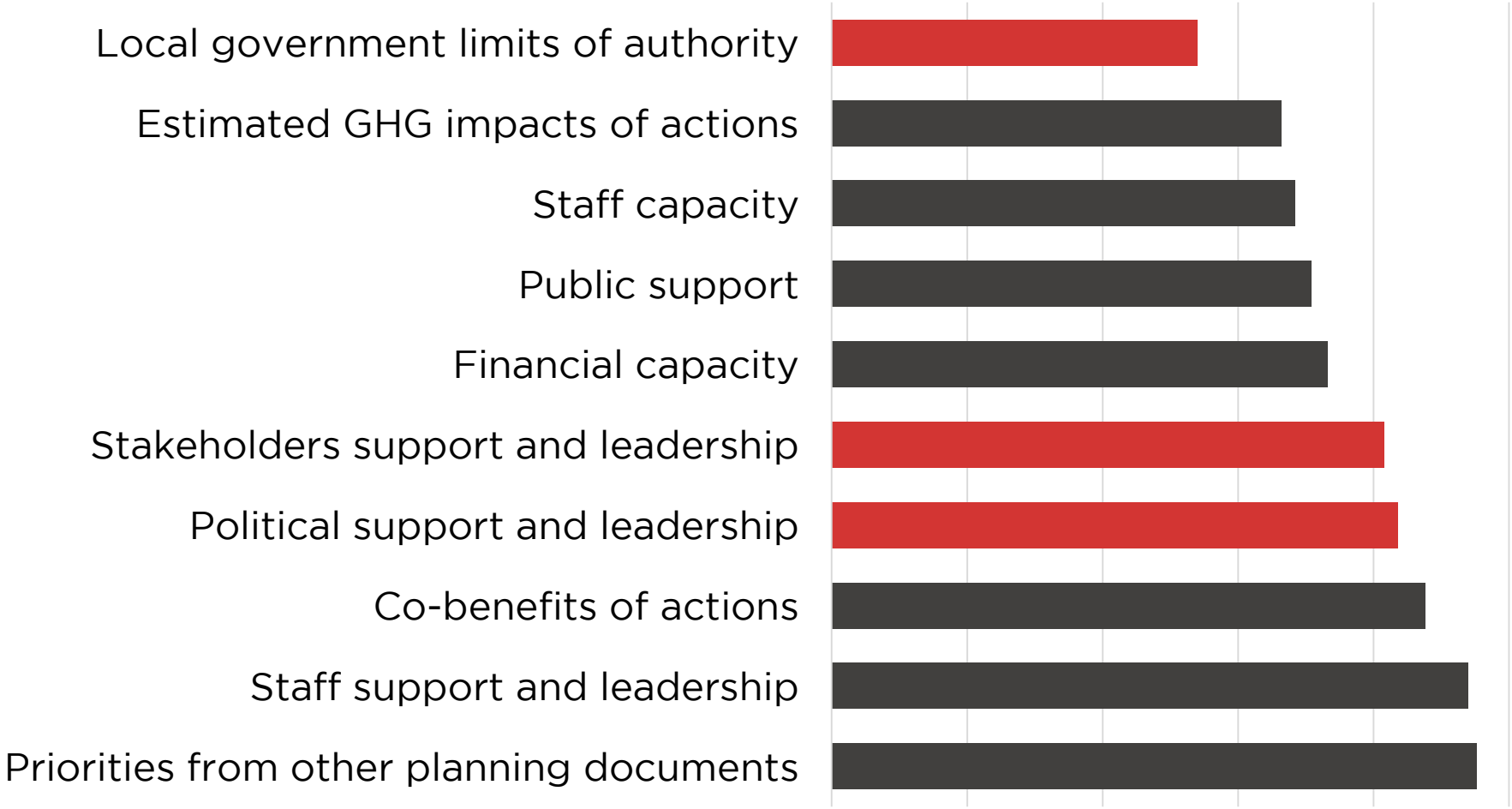
# What is a Community Energy Plan?
## Actions in a CEP



# National Report on CEP Implementation

- Snapshot of CEP implementation in Canada
- Describes success factors and barriers for CEP implementation
- Provide key considerations for the development of the Community Energy Implementation Framework

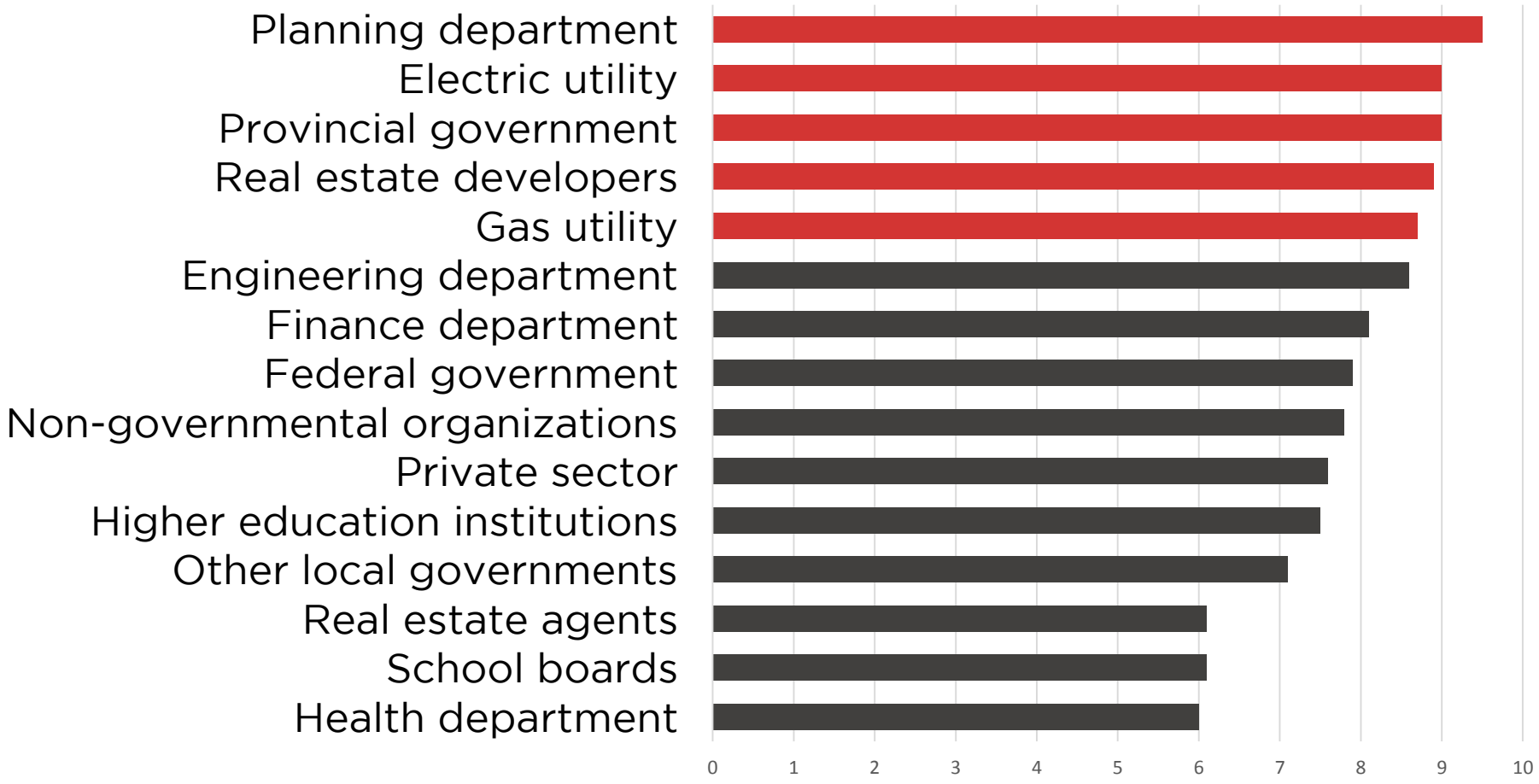
# Challenges and Success Factors for Implementation



# Challenges and Success Factors for Implementation

| | |
|---|---|
| Financial and humans resources capacity for Implementation | – Focus on partnerships<br>*Early, sustained engagement is key – engage broadly!*<br><br>– Identify points of commonality between the CEP objectives and community stakeholders |
| Working within the local government's limits of authority | – Focus on actions being supported by utilities, provincial government and other stakeholders |

# Challenges and Success Factors for Implementation



# Challenges and Success Factors for Implementation

| | |
|---|---|
| **Building Political and Staff Support** | – Identify key messages for different audiences<br><br>– Tracking and monitoring progress using key performance indicators<br><br>– Use data to tell a story |

# Challenges and Success Factors for Implementation

| | |
|---|---|
| Improving the Clarity of the CEP | – Make the plan "SMART" (specific, measurable, attainable, relevant and time-bound)<br>– Tie timelines and accountability to actions<br>– Integrate energy into existing plans and processes<br>– Use decision making tools (e.g. energy maps) |

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