

# Yellowknife's Community Energy Plan

“Moving Innovation into Practice”



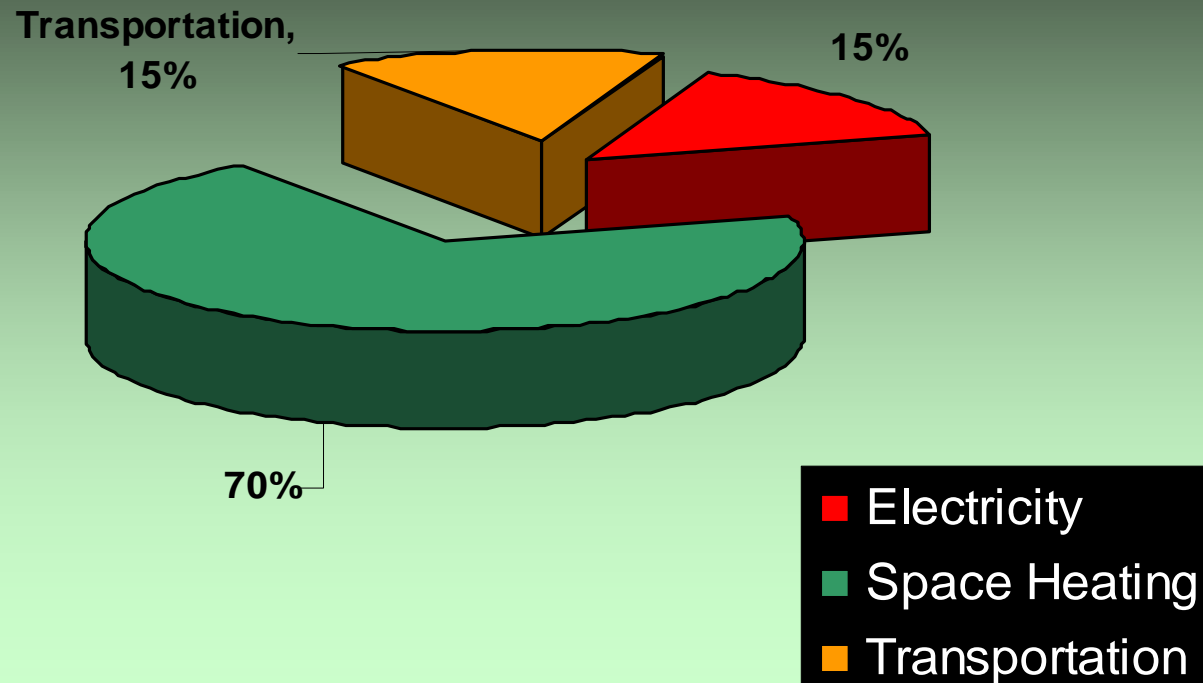
# 2004 Energy Profile

- \$113 million annually
- 95% of electricity is hydro generated
- CO2 emission – 2 times times national avg.
- 20% increase in energy energy use by 2015



# 2004 Energy Baseline

## Yellowknife's Energy Profile (%)



# History

- 1997 – Joined Partners for Climate Protection Program (PCP)
- 2004 – Energy Baseline Study
- 2005 – City Council formed CEP Committee
- 2006 – Council endorses CEP
- 2006 to Present – Applying for 4<sup>th</sup> stage of PCP



# Implementation

- Energy Auditing Process
- Wood Pellet Boiler
- Sewer Heat Recovery
- Mine Geothermal
- Energy Efficient Building Standards



# Council Perspective

*Working with your Administration*

- Budget accordingly:  
Ensure adequate resources are available available for what you're asking your Administration to do
- Take advantage of internal expertise



# Council Perspective

## *Gaining and Keeping Council Support*

- Stress the Win-Win aspects of Community Energy Planning: GHG reductions & financial savings
- Back up your recommendations with solid research
- Have experts on hand at every stage of implementation



# Council Perspective

*Keeping the Public Engaged and Informed*

- Communications Plan
- Public Forums and Information Sessions
- Keeping the local media informed



# Council Perspective

## *The Importance of an Implementation Strategy*

- Establish timelines, budget requirements, who's responsible
- CEP Implementation Advisory Committee
- Maintains focus on the the Plan, for both Council and Administration



# Administration Perspective

## *Development of CEP*

What Yellowknife did:

- CEP Committee included community stakeholders and administration.

Lessons Learned:

- Reassure administration of purpose of Committee
- Having a CEP is the beginning of the process



# Administration Perspective

## *Development of Implementation Strategy*

What Yellowknife did:

- CEP passed by council for information
- Administration was requested to develop implementation strategy.

Lessons Learned:

- Convene decision makers
- Assign responsibility to one decision maker
- Don't get hung up on setting Targets



First LEED Building North of 60

# Administration Perspective

## *Energy Coordinator*

What Yellowknife did:

- Hired an Energy Coordinator

Lessons Learned:

- Have clear understanding of job responsibilities
- Understanding of change process



# Administration Perspective

## *Budget*

What Yellowknife did:

- Allocate \$500K from Gas Tax Funding for CEP annually

Lessons Learned:

- Money isn't a barrier to implementation



# THANKS!



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