



**Arctic Energy**  
**Alliance**

# **Community Energy Planning: Supporting Resilient and Sustainable NWT Communities**

**Arctic Development Expo**  
**Inuvik, NWT**  
**June 14, 2023**

# About the Arctic Energy Alliance

- Established in 1997
- HQ in Yellowknife, Regional Offices in Hay River, Fort Simpson, Behchokò, Norman Wells and Inuvik



# Benefits of Community Energy Planning

- Provides a roadmap to reducing energy costs and GHG emissions
- Aligns with the community's goals and objectives
- Through collaboration and broad input, helps ensure the plan is realistic and achievable

# How It Started, How It's Going



- City of Yellowknife adopted its first Community Energy Plan in 2006
- Included several studies on multiple technologies and energy saving measures
- Led to widespread adoption of biomass heating for City facilities and changes to the City's Building Bylaw requiring energy efficiency standards in new home construction
- CEP 2.0 adopted in 2015

## CEP Project Background

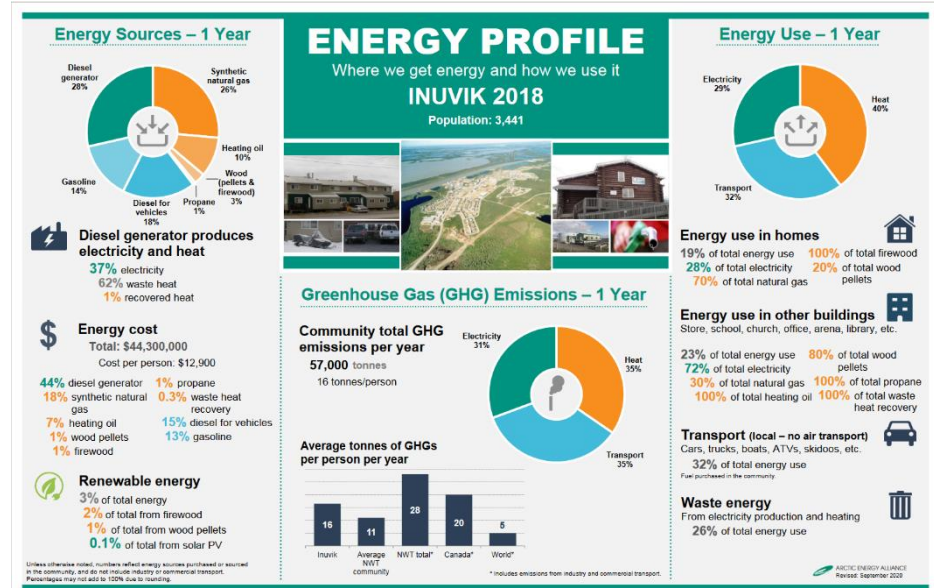
- Three-year funding agreement with NRCan began early 2020
- Goal of creating 2-3 CEPs per year
- Tuktoyaktuk, Fort Smith, Tulita, Weekweti, Kakisa, Fort Simpson and Ulukhaktok have partnered with AEA to establish CEPs

# Partnership Model for Community Energy Planning

- Typically a two-year partnership
- Local Energy Champions are key to the project
- Community Partner hires the Local Energy Champion and AEA covers 100% of the cost in year one
- Partnership Agreement clearly spells out roles and responsibilities

# 5 Milestones of Community Energy Planning

- Five Milestones:
  - Create an energy/GHG inventory
  - Set targets
  - Develop a local action plan
  - Implement the local action plan
  - Monitor and evaluate the local action plan



## From Planning to Implementation

- Year two of the partnership shifts to implementation of the plan
- AEA covers 50% of the salary of the Local Energy Champion
- CEP Implementation Fund available to ensure communities hit the ground running



## What's Next

- GNWT providing funds this fiscal year to continue the program
- Call for Expression of Interest currently issued; Deadline is July 3<sup>rd</sup>.
- Exploring Regional Energy Planning opportunities and how AEA might support these efforts

# Capacity Building

- Our people are the most critical component to achieving a clean energy transition
- Collaboration and cooperation
- Major gaps exist in the labour force to achieve our energy goals and objectives as a territory
- We need to work together to foster the next generation of energy leaders

Quyanainni  
Mahsi  
Thank you  
Merci

**Questions?**

[mark.heyck@aea.nt.ca](mailto:mark.heyck@aea.nt.ca)



**Arctic Energy**  
Alliance