

Visual Minutes

for the

Energy Day

Climate Change
& Asset Management
Conference

December 1st, 2022



The 2022 Climate Change and Asset Management Conference was hosted by NWT Association of Communities in Yellowknife, from November 29 to December 1st, 2022.

Over the 3 days of the Conference, a full day was dedicated to Energy, the NWT Energy systems, and the NWT Energy realities.

It was offered to the community SAOs and Band Managers, Public Works Directors, as well as Energy champions, and local and regional Energy coordinators.

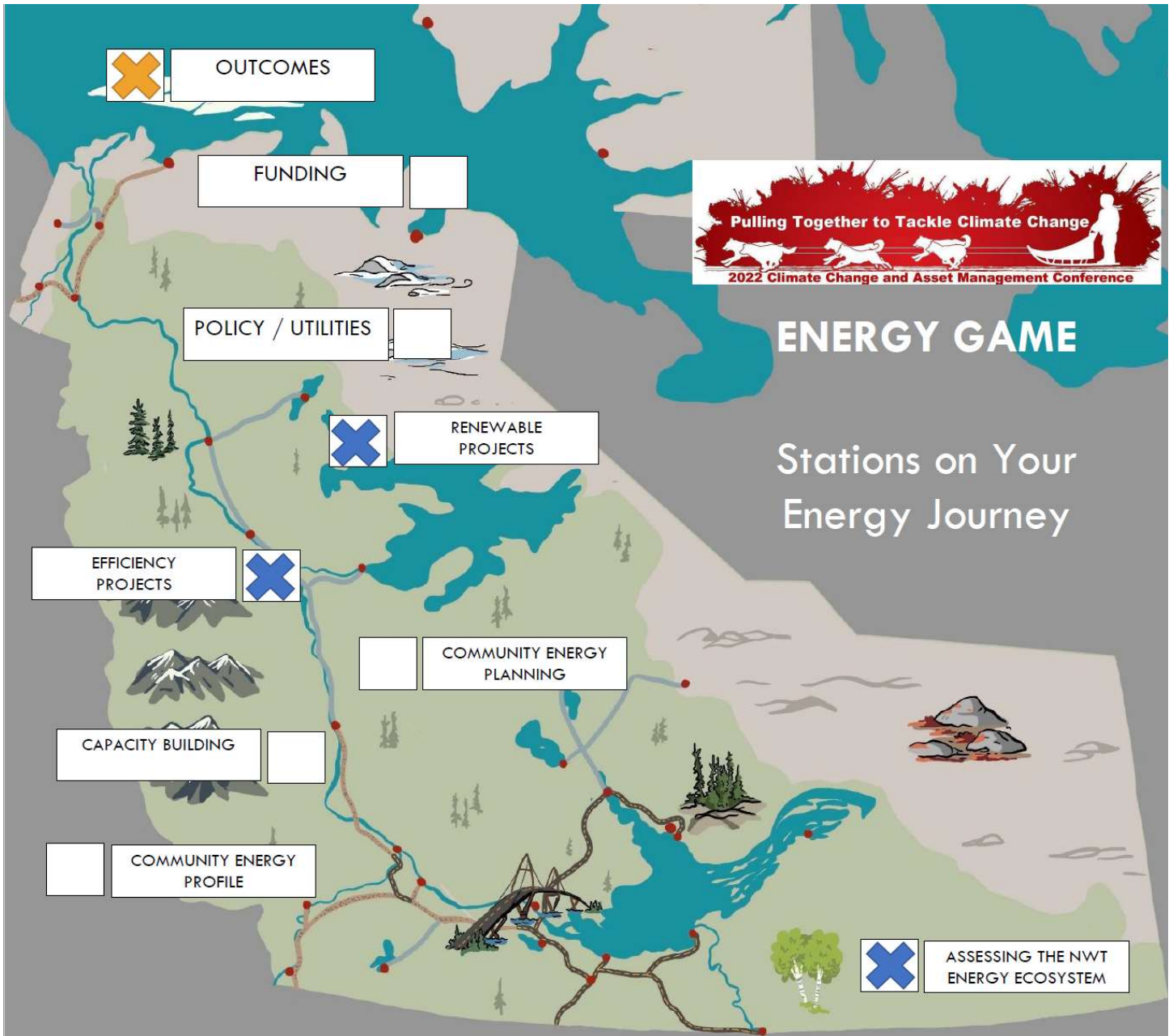
The Energy Day was designed in partnership **with CIRNAC, NRCan, GNWT – Energy Division, Arctic Energy Alliance, NTPC.**

It was designed as a game and a journey. Over the course of the day, attendees had to visit stations (interactive tables and/or plenary sessions) to complete a bingo card and enter a draw.

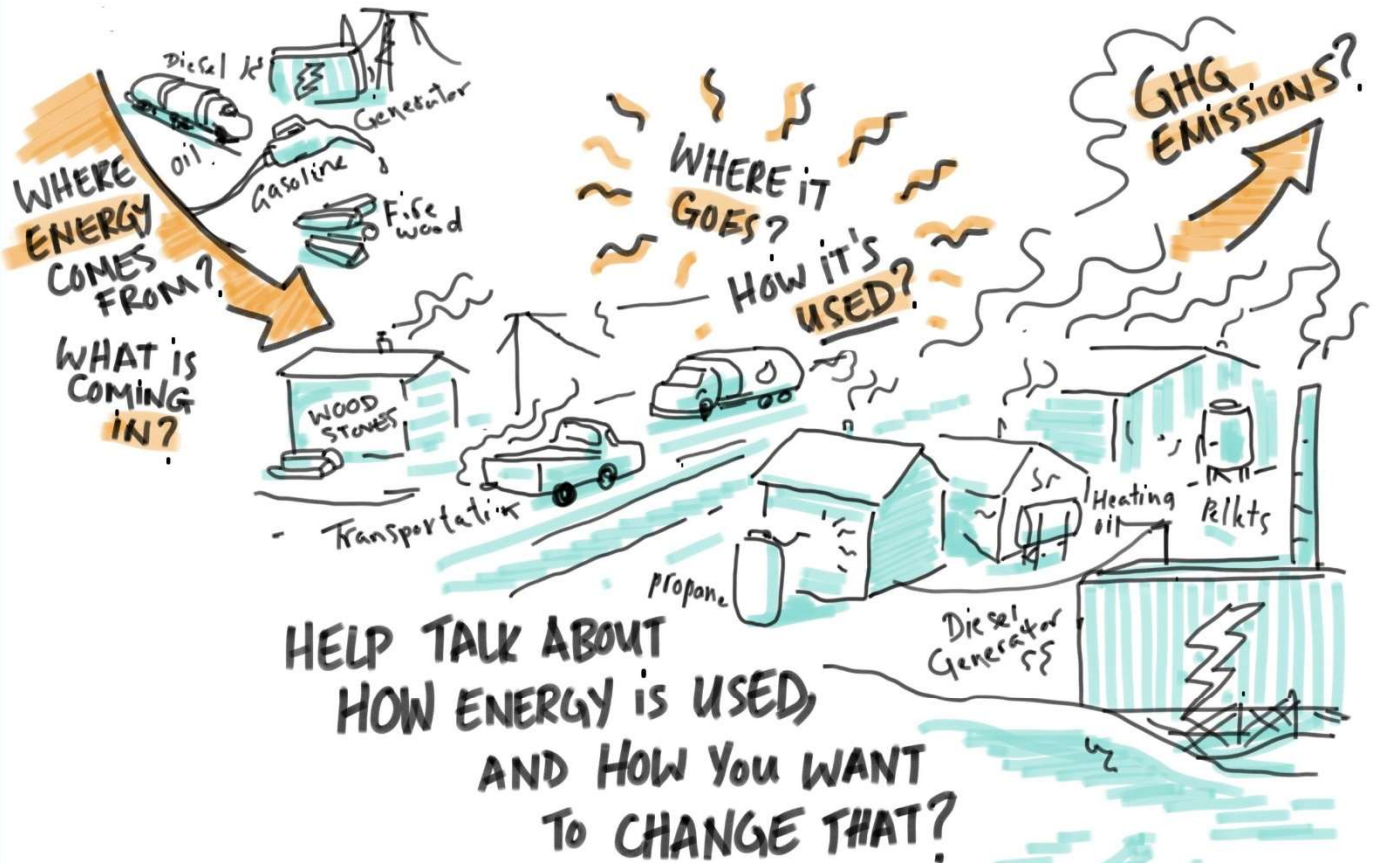
The stations were themed over key components of the NWT Energy ecosystem.

- Community Energy Profile
- Community Energy Planning
- Implementing Energy Efficiency
- Implementing Renewables
- Building Capacity
- Funding
- Policy & Utility

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They were produced as visual minutes or graphic recording.

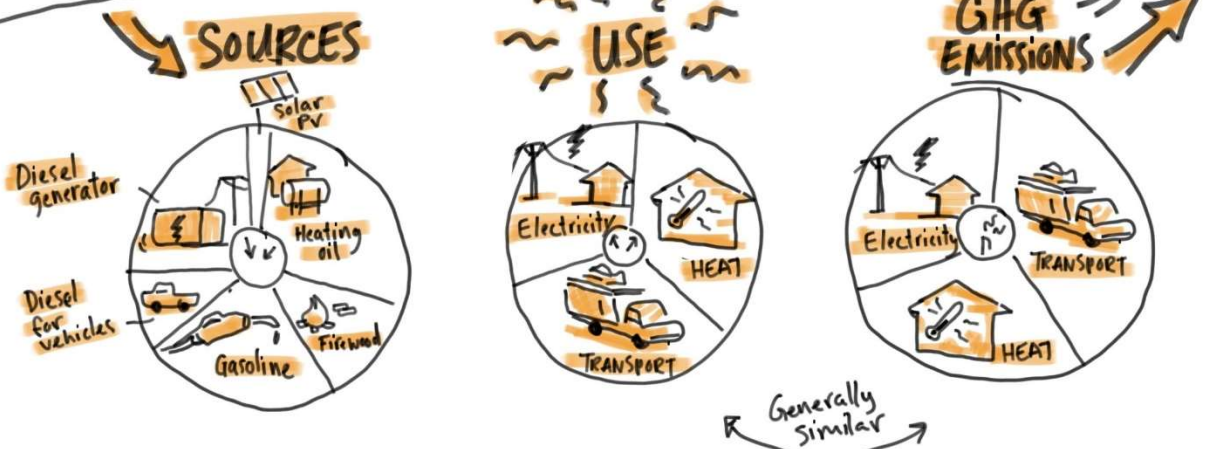


Community Energy Profile



HELP TALK ABOUT
HOW ENERGY IS USED,
AND HOW YOU WANT
TO CHANGE THAT?

See it broken down



WHAT SHOULD OUR COMMUNITY FOCUS ON?



Funding

In Conversation
Some Thoughts



FEDERAL GOV.

Single Window Approach for all federal funding

Prioritize Indigenous led projects

1 person no deadline

GNWT

Applying for funding can be cumbersome, GNWT can assist.

We want to see projects happen!

ARCTIC ENERGY ALLIANCE

for "smaller" projects.

- Retrofits
- Project Coordination (conceptualization)

Hands on Partnerships

- Renewables projects in non-hydro communities

Implementation



Inuvik applied for a federally funded project 4 years ago...

... but just heard back now!

In the future, it should be better.

In between time, other projects, other funding, has been obtained.

Not in silos, not talking to each other.

Can we go back and change the details of the project? the scope?

NORTHERN CHALLENGE :

Green Fund is a loan. Getting a loan is complicated for a municipality.



Community Energy Plan



Community Energy Plan

(Continued - In Conversation
Some Thoughts)



In smaller communities, often easier to see where to focus or efforts

There are funding opportunities for retrofitting. Homeowners (privately owned) need support for transition to energy efficiency. -Technical support needed.



Power in NWT needs to be:
Reliable
Affordable
Secure

We need alternatives we can TRUST.
We learn with the first attempts & Technology improves

Biomass Boilers (pellets) → More maintenance but less cost than oil → And reduces GHGs → Now all city of YK uses at all facilities



Include timelines and implementation in action plan.

- What?
- When?
- How?
- How much?



Community needs to have building codes & Community energy efficiency guidelines

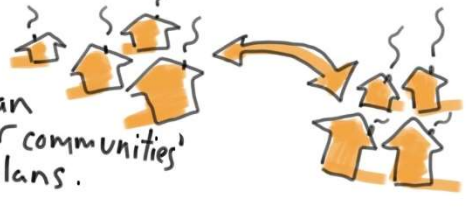
If you are building a NEW BUILDING, there are standards and guidelines - you can include in RFP (Avail. in resource section of AEA website)



Sharing between communities is key!

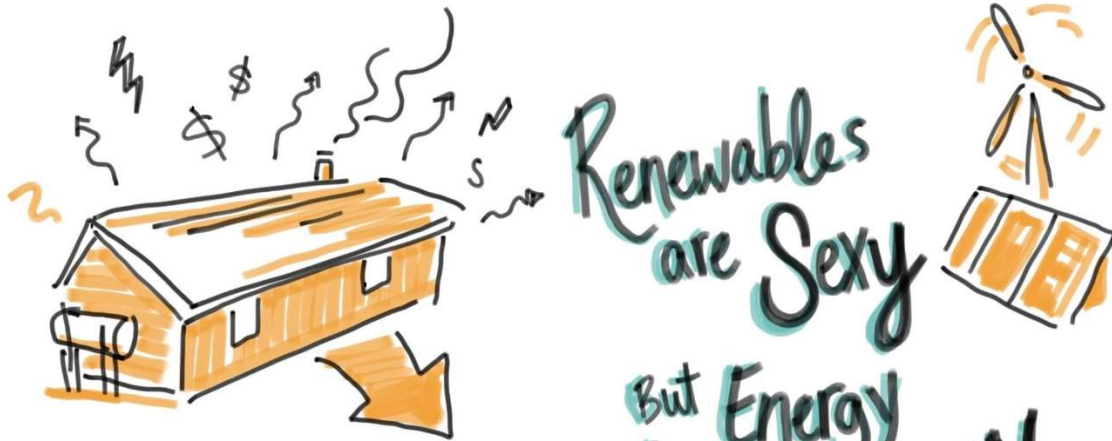
- Information exchange

You can see other communities' action plans.



Efficiency Chat

Mark Heyk and Jason Collard



Renewables
are Sexy



But Energy
EFFICIENCY

is Key



Energy efficiency
can be expensive
up front

So Deep Home
Energy Refit program
\$\$\$ incentive \$\$\$
(up to 20K!)

Kits Installed in
low income homes:

- LED lights
- Weather stripping
- Caulking
- etc.

Building
Energy
audits.

Advice to homeowners
on how to make homes
more energy efficient.

What can
motivate
people?

Heating
and electricity
bills are high
in the north

Diesel generators
are sending up
all this smoke
↳ Big
turnoff!



Connect Communities, inspire each other, share experiences

Find ways of getting information to community members on the land through community champions

Connect person-to-person in communities

Regional Coordinators are great resources

Contractor Outreach

New and emerging technologies, Get them comfortable with it.

Incentivize tradespeople to learn these new more energy efficient ways.

They are already so busy. Keep doing it the way it's always been done.

- Heat pumps
- Insulation
- etc.

Capacity Building

In Conversation
Some Thoughts



Community members are crucial.

They know the community better than a consultant can.

People from the community working for the community.



NWT CLEAN ENERGY CHAMPIONS!

Indigenous Clean Energy Program (ICE)

Great training, network, mentorship.

Get Youth Involved

Facilitating Coms. between communities through youth networks.

Develop familiarity with the technology.

how do they get their voice heard?

Incentivize participation in Energy Efficiency training in Communities



I'm so busy, no time to learn a new way.

Stronger together



Small Steps - from the example - Deh Cho

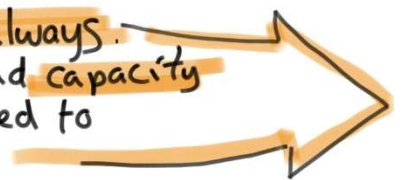
Solar panel package at cabins.

- Install them
- Train
- Follow-up again again
- To become comfortable and familiar.

Make sure people are trained and supported and use the systems and technology.

There is turnover

There should always be training and capacity develop. attached to initiatives.



We could not do it without you!

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