



*Pacific North West Economic Region  
Summit - July 24-27, 2017  
Portland Oregon*

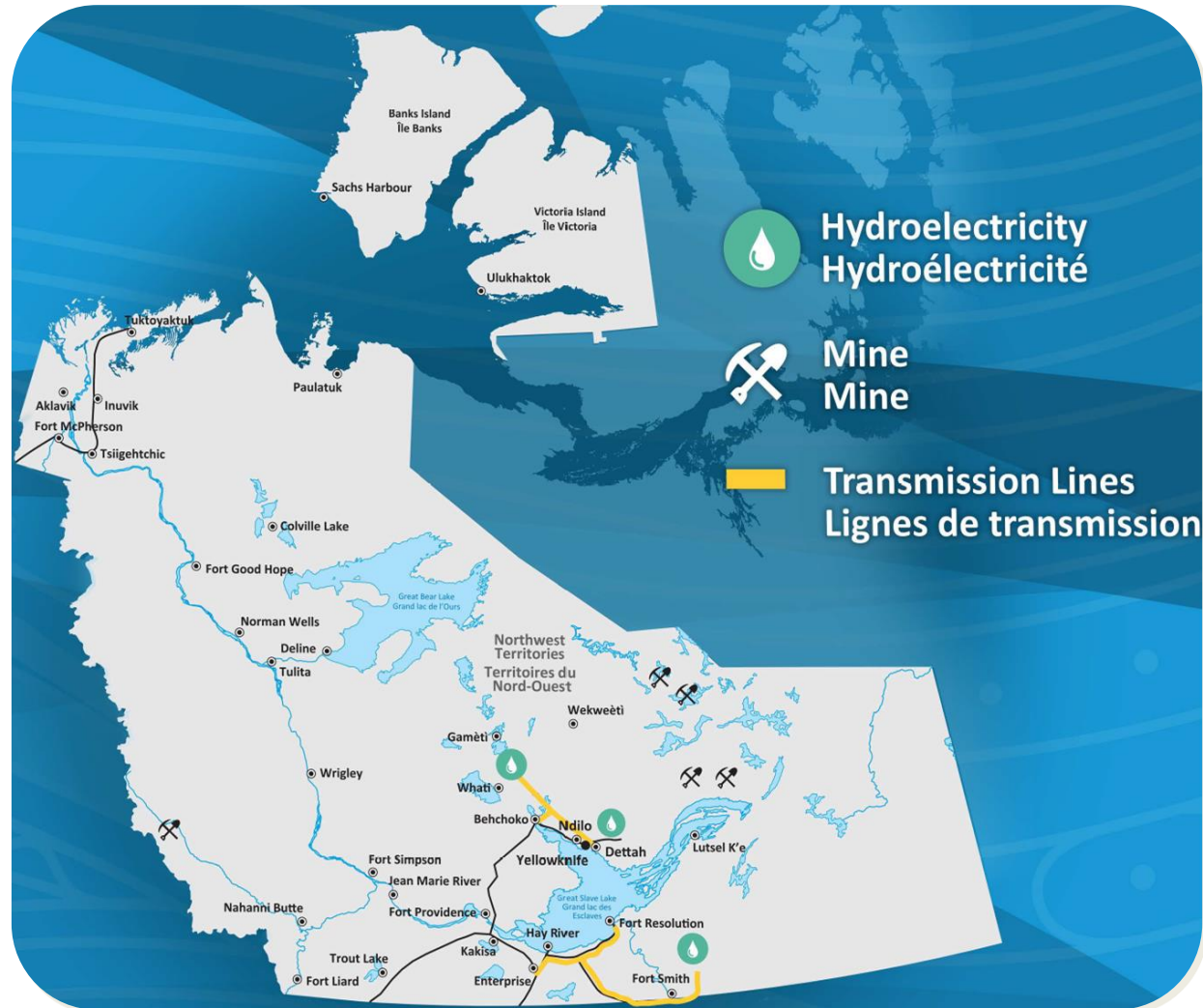


**REMOTE ENERGY SOLUTIONS**  
**Hon. Wally Schumann**  
**Minister of Infrastructure**

Government of the Northwest Territories

# Outline

- NWT overview
- NWT access challenges
- Reducing diesel reliance
- Energy Strategy & Climate Change Strategic Framework



# NWT Overview



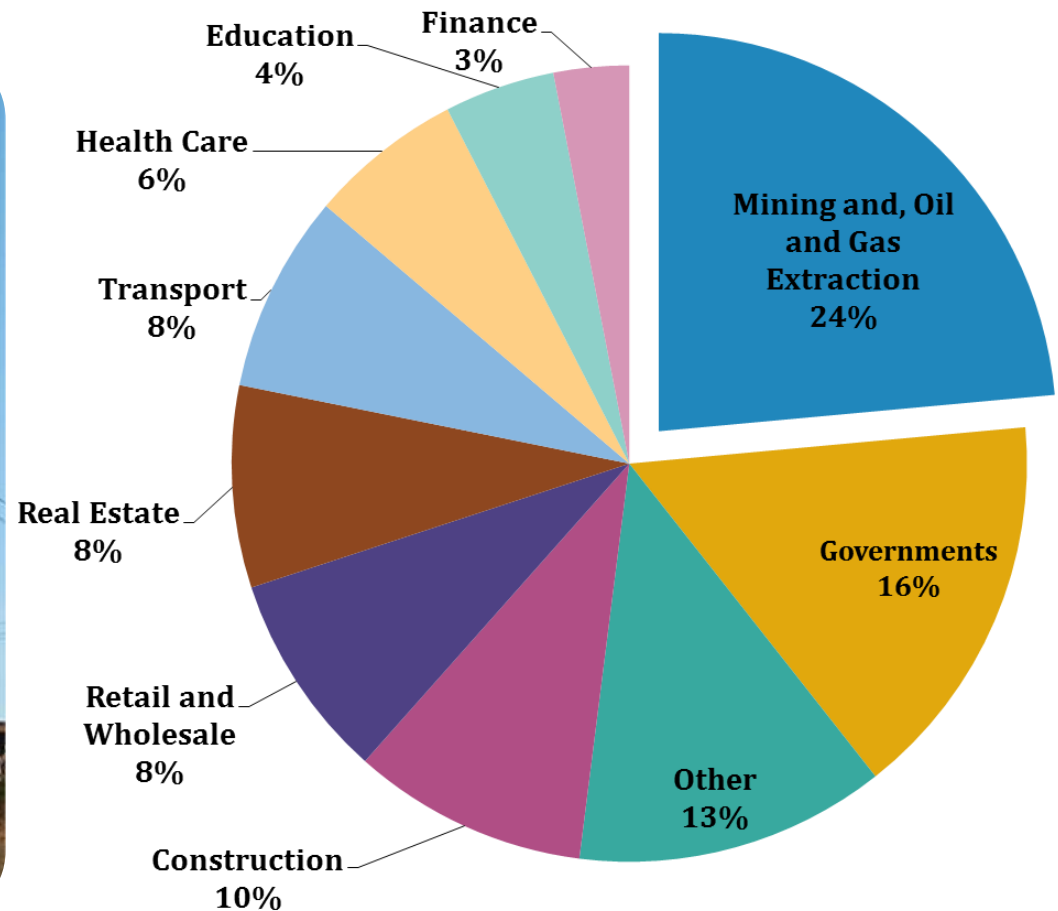
- 44,000 residents
- 33 communities
- few roads, transmission lines
- Resource driven economy
- 8 hydro power communities
- 25 off-grid (diesel) communities
- Heating from fossil fuels / biomass (wood pellets / cord wood)

# NWT Access



# NWT Resource Economy

## NWT GDP - 2016



# Southern NWT – Mining & Hydro Legacy

## Northwest Territories

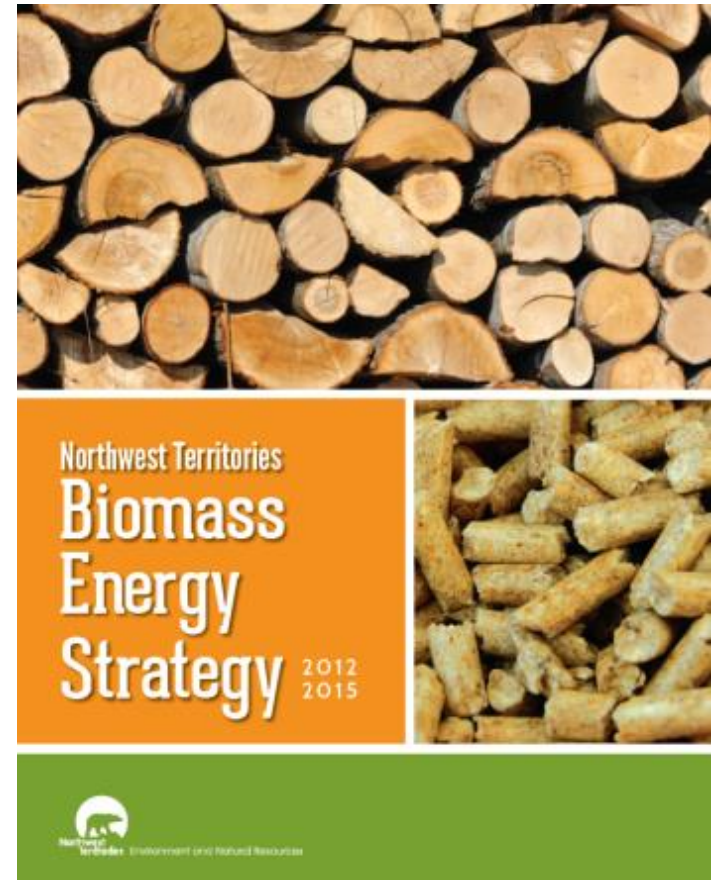


British Columbia

Alberta

# Biomass for Heating

- 30 biomass boilers feeding GNWT Assets installed in last 10 years
- 18% of total GNWT heating use
- 40,000 Tonnes of GHG emission reductions
- GNWT supporting growing biomass heating market across NWT driven by private sector

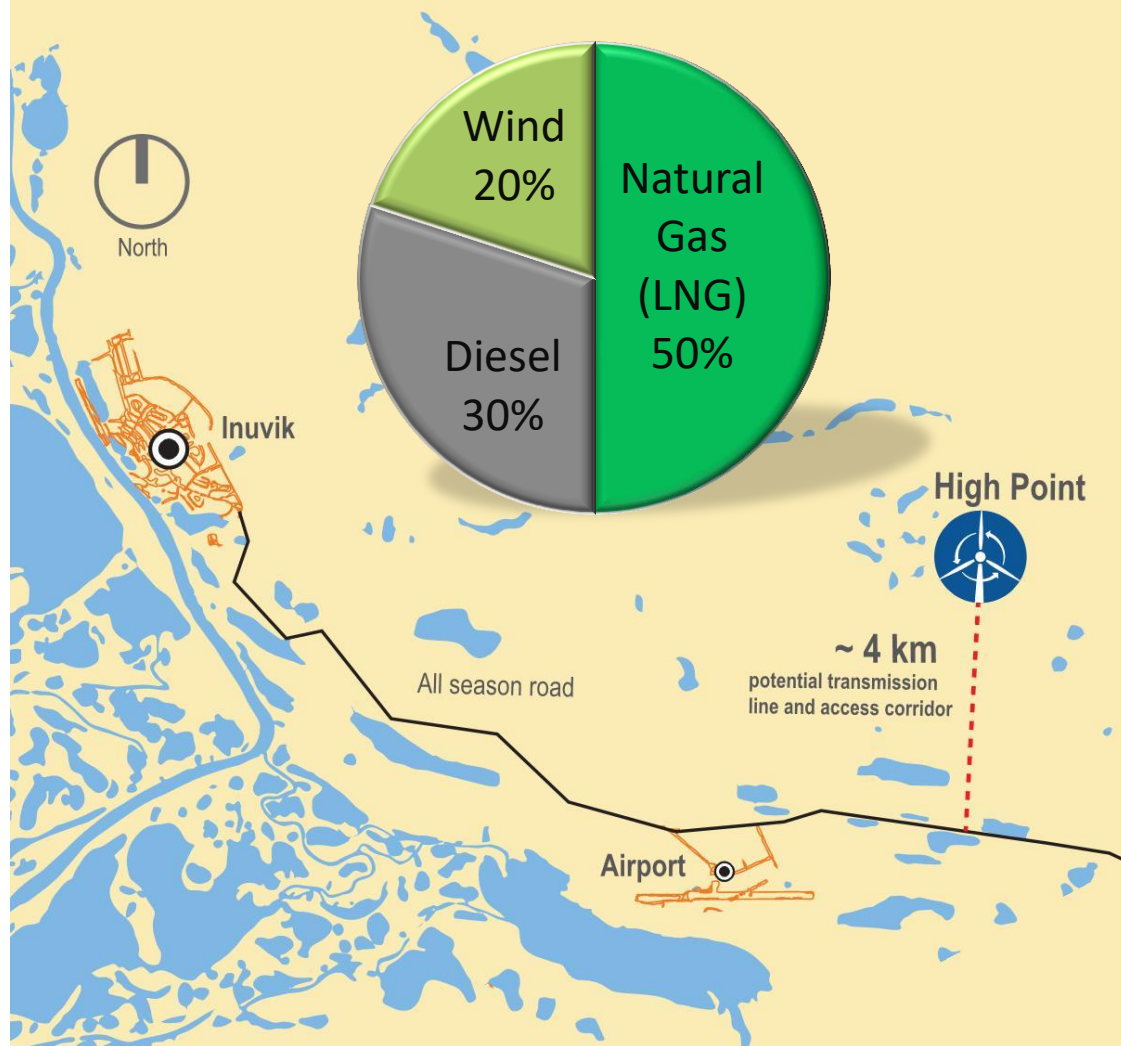


# Reduce Diesel Electricity





# Inuvik NWT – Wind Feasibility



- NWT's Largest Thermal Community (3,500 people)
- Phase II Feasibility underway
- 2-4MW wind project
- 4 km all season road
- Transmission Line

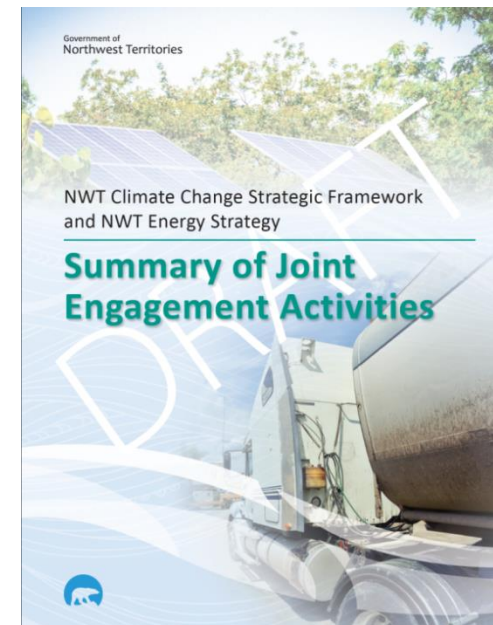
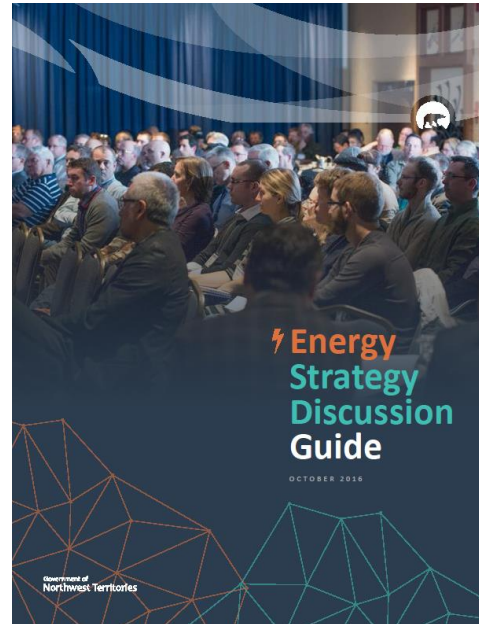
# 2030 NWT Energy & Climate Change Strategy

## 2030 Energy Strategy

### GHG Emission targets

- Heating
- Transportation
- Energy Efficiency
- Electricity

### Climate Change Adaptation & Mitigation Plan



# THANK YOU!



Hydroelectricity  
Hydroélectricité



Mine  
Mine



Transmission Lines  
Lignes de transmission

