

# Welcome to Our Open House



Powered by Copenhagen Infrastructure Partners and ABO Energy



# Land Acknowledgement

We acknowledge that we are on the traditional lands of Indigenous Peoples who have cared for this land for generations.

We recognize their deep connection to the land, waters, and culture, and we commit to learning, respecting, and supporting reconciliation.



# **Agenda**

- Welcome From the Mayor
- Meet the Project Team
- Our Journey So Far Project Highlights and Progress
- Looking Ahead 2025 and Beyond
- Community Benefits
   Continuing the Journey Together
- Next Steps

#### Meet the Project Team

# **Locally Focused, Globally Connected**









#### **Global Strength:**

Broader Project team, combining Canadian and German expertise.



#### **World-Class expertise:**

Expertise from our strategic partner, Copenhagen Infrastructure Partners (CIP).

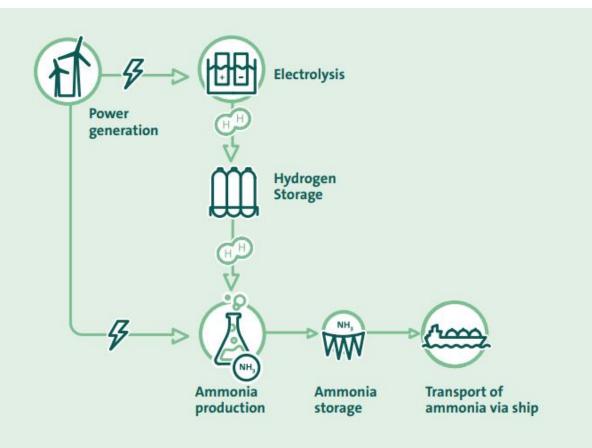
#### Meet the Project Team

# Have a Question? Come Chat with Us



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# **How the Project Works**



A fully integrated renewable energy system on the Isthmus of Avalon.

#### Renewable energy:

Wind turbines (and potentially additional solar) generate clean electricity.

#### **Power Transmission:**

Electricity is transported via medium- and highoverhead voltage lines to a PtX facility.

#### **Clean Hydrogen Production:**

Clean electricity powers electrolyzers that split water into oxygen and green hydrogen.

#### **Hydrogen to Ammonia:**

Clean hydrogen is converted into ammonia for easier transport.

#### **Global Distribution:**

Ammonia is shipped to international markets as a sustainable energy solution.

# **Project Changes**

**Before Now** (Optimization ongoing) **2.5-3.2** gigawatts 5 gigawatts ~107,000 hectares ~55,000 hectares reserved reserved **Phased Approach Ammonia export focused** Phase 1: Local offtake Optional local offtake Phase 2 & 3: Ammonia export Construction Construction Start: 2029/2030 **Start: 2026** 





### **Port Options**

TQK is searching for a port to provide service for the export of ammonia

New Ports and Existing Ports being evaluated



#### **Solar Options**

TQK is analyzing the benefits of adding solar

- Simulations and analysis ongoing
- No specific site currently reserved for solar installations.



#### **Water Resources**

Studies are ongoing to assess availability and sustainability.

- Initial identification of potential ponds
- Desktop study with availability to be starting 2025

# Reducing the Footprint and optimizing the Project Layout



#### **Community Feedback**

- Acting on community feedback to return unused land
- Honouring 1000 m wind turbines setbacks from known residences



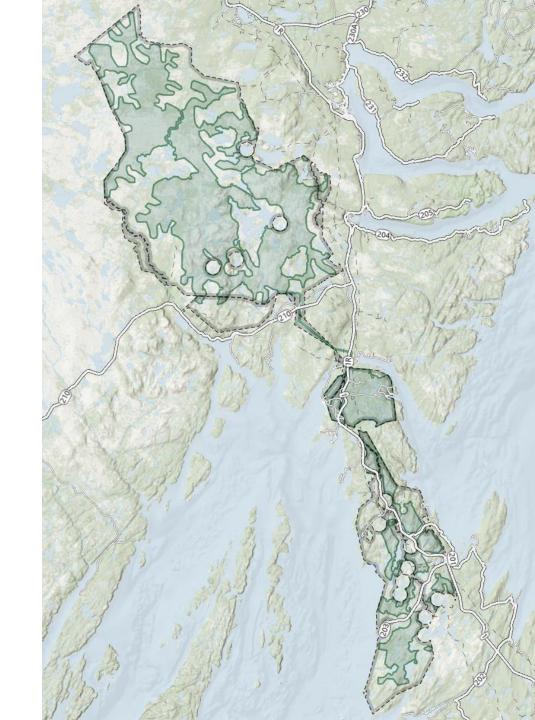
## **Environmental Responsibility**

- Protecting sensitive areas
- Including minimum setbacks

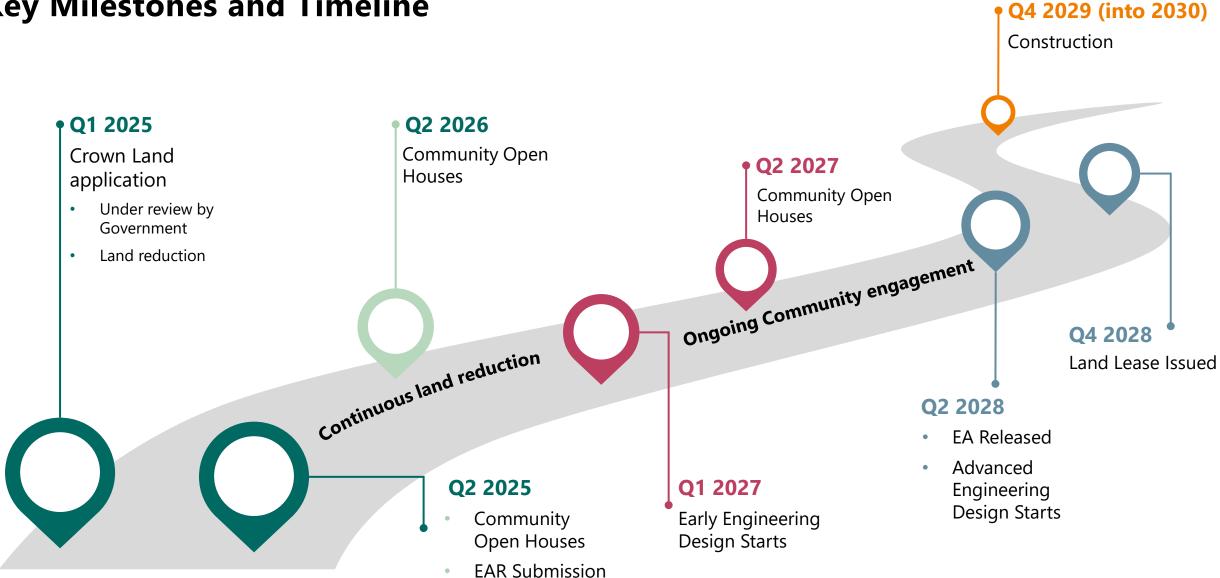


#### **Benefits of Land Return**

Returning land to the Crown for public use



# **Key Milestones and Timeline**



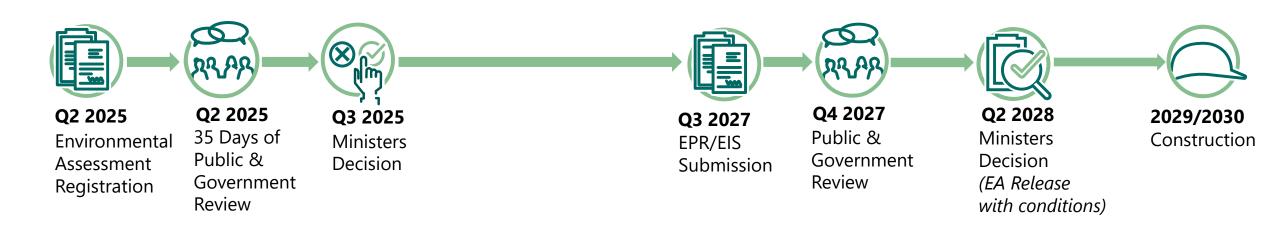
# **Environmental Assessment Process: Avoid** $\rightarrow$ **Mitigate** $\rightarrow$ **Monitor**

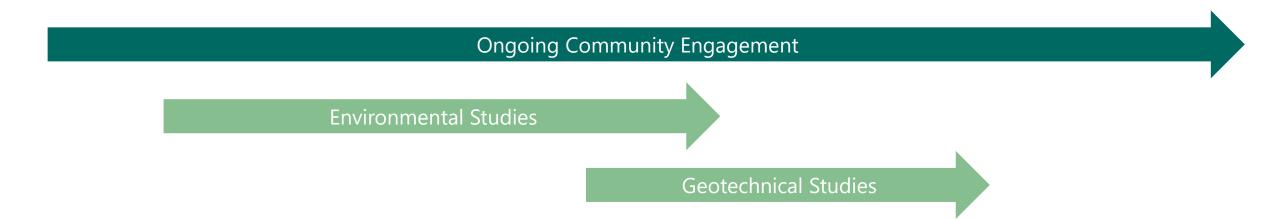
Value Ecosystem Components	What Do People Value?	<ul><li>Topics of concern</li><li>Environment, Social, Economic</li></ul>
Pathway Analysis	How Does the Project Interact?	<ul><li>Where, when, how, and how long</li><li>Project Footprint</li></ul>
Identify Impacts	Direct or Indirect Impacts	<ul><li>Temporary or Long Term</li><li>Positive or negative</li></ul>
Residual Effects	After Mitigation	<ul><li>First avoid, where possible</li><li>Mitigation if we cannot avoid</li></ul>
Assess	Assess Effects	<ul><li>Analysis of effects</li><li>Outcome analysis</li></ul>
Monitor	Monitor to Validate	<ul> <li>Multiple monitoring plans will be required</li> <li>Results -&gt; Adapt</li> </ul>

## Feedback can be given in many ways:

- Through the website
- Through speaking with us
- Your government agencies

# **Our Environmental Assessment Journey**





## Your Feedback, Our Actions

#### **Feedback We Need From You:**

- Project Infrastructure and Layout
- Local Labour Force Experience and Skills
- Future Skill Development and Employment Opportunities
- Opportunities and Ideas to support the local communities
- Other? Please let us know

# **Integrating Your Voice:**

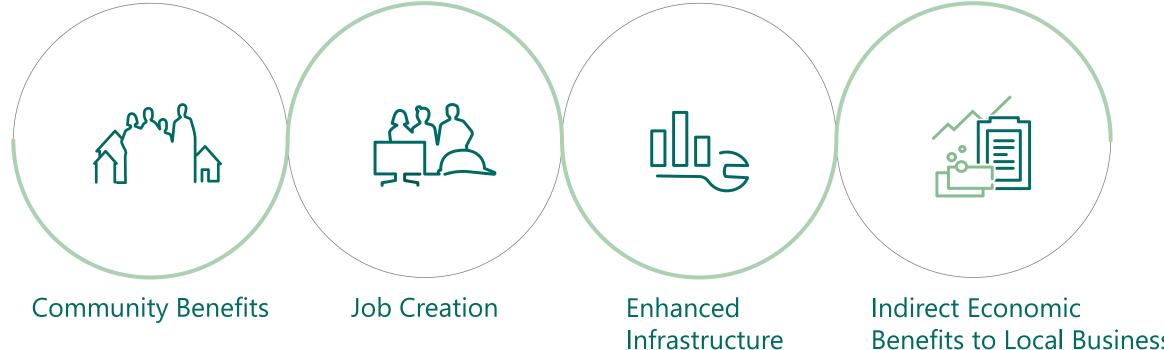
- Investigate viable alternative solutions
- Supplier Portal Up and Please Contribute
- Integrating Opportunities for Capacity Building and Training
- Community Funding Plans and Opportunities
- Commitment to Being Transparent and Consider Public Concerns

#### How can you give us feedback?

Send us an email, visit our website, chat with your local council members – we want to hear from you!

#### **Community Benefits**

# **Building Strong Communities**



- Financial Benefits to the Communities
- Municipal Taxes
- **Industrial Benefit Plans**

- Up to 4600 jobs during peak construction
- ~500 permanent jobs through operation activities

- Road Network
- Health and Safety enhancement

Benefits to Local Business

Local business will benefit from Project activity such as hotels, gas stations, grocery stores, and more

#### Next Steps

#### What You'll See From Us In 2025



#### **What's Happening**

- Environmental & water-use studies
- LiDAR set up and wind measurements
- Ongoing community & Indigenous engagement



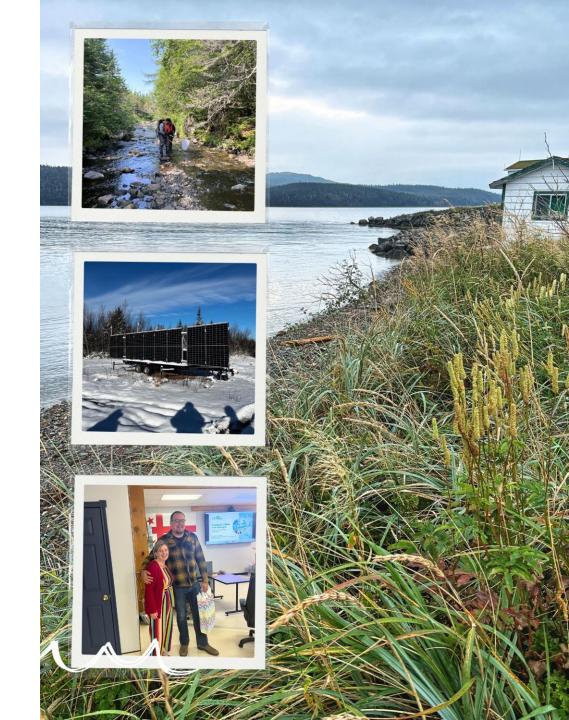
#### Why We're Doing It

- To better understand local land, water & wildlife
- To design responsibly and minimize impacts
- To ensure your voice shapes the Project



#### Why It Matters to You

- You may see activity in your community
- You'll have chances to ask questions and provide input
- Your feedback helps guide what happens next



# **Stay Connected With Us!**



**Questions or feedback - Contact us** 

Email: info toqlukutik@aboenergy.com

Website: www.toqlukutikproject.com



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