

Welcome to the second Community Engagement Session for the Proposed Red Spruce Wind Energy Project

This presentation is being recorded

March 15, 2022

Rules of Engagement

- Please ensure your name appears correctly
- All participants are muted
- To ask a question, please type it into the chat. Our moderator will read out all questions in the order they were received during the Q&A Period
 - Speakers will be unmuted as necessary
- Any question that is not answered within the allotted time will be answered in a written format and posted to the project website
- Reminder: This presentation as well as the question transcript is being recorded

Acknowledgment

W.E.B

Today we will be talking about our proposed Red Spruce Wind Energy Project which is in unceded and surrendered Mi'kma'ki, the traditional territory of the Mi'kmaq people.

We are all treaty people.

Today's Events



Time	Event
6:30 – 6:40	Participant sign on, rules of engagement & acknowledgement
6:40 – 6:45	Introduction to key team members
6:45 – 7:15	Presentation
7:15 – 8:00	Question & Answer Period

Team Members



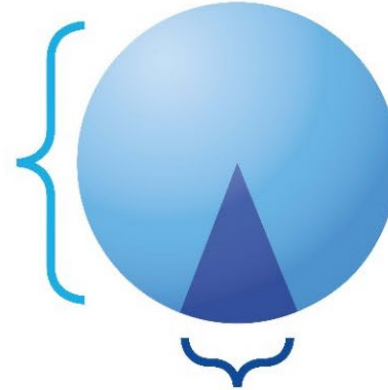
Team Member	Position / Role	Location
Sarah Rosenblat	Development Manager / Moderator	Halifax, NS
Jason Parisé	Senior Development Manager / Presenter	Halifax, NS
Michael Carey	Development Manager / Presenter	Halifax, NS
Mason Baker	Technical Manager / Q&A Support	Halifax, NS
Stefan Karkulik	CAO / Q&A Support	Montreal, QC
Billy Hanifen	GIS Technician / Q&A Support	Halifax, NS
Kate Munroe	Communications and Administrative Coordinator / Q&A Support	Halifax NS

About Us

W.E.B

W.E.B

- **Parent Company**
- **Community-owned**
Based in Austria
4500+ investors
- **100 Projects in development**
Europe
Canada
United States
- **Complete project lifecycle**
Development
Construction
Operation
- **Clean Energy**
For more than 840,000 people



Total W.E.B Fleet:
544MW in Operation

SWEB Portion of Fleet:
67MW in Operation

W.E.B

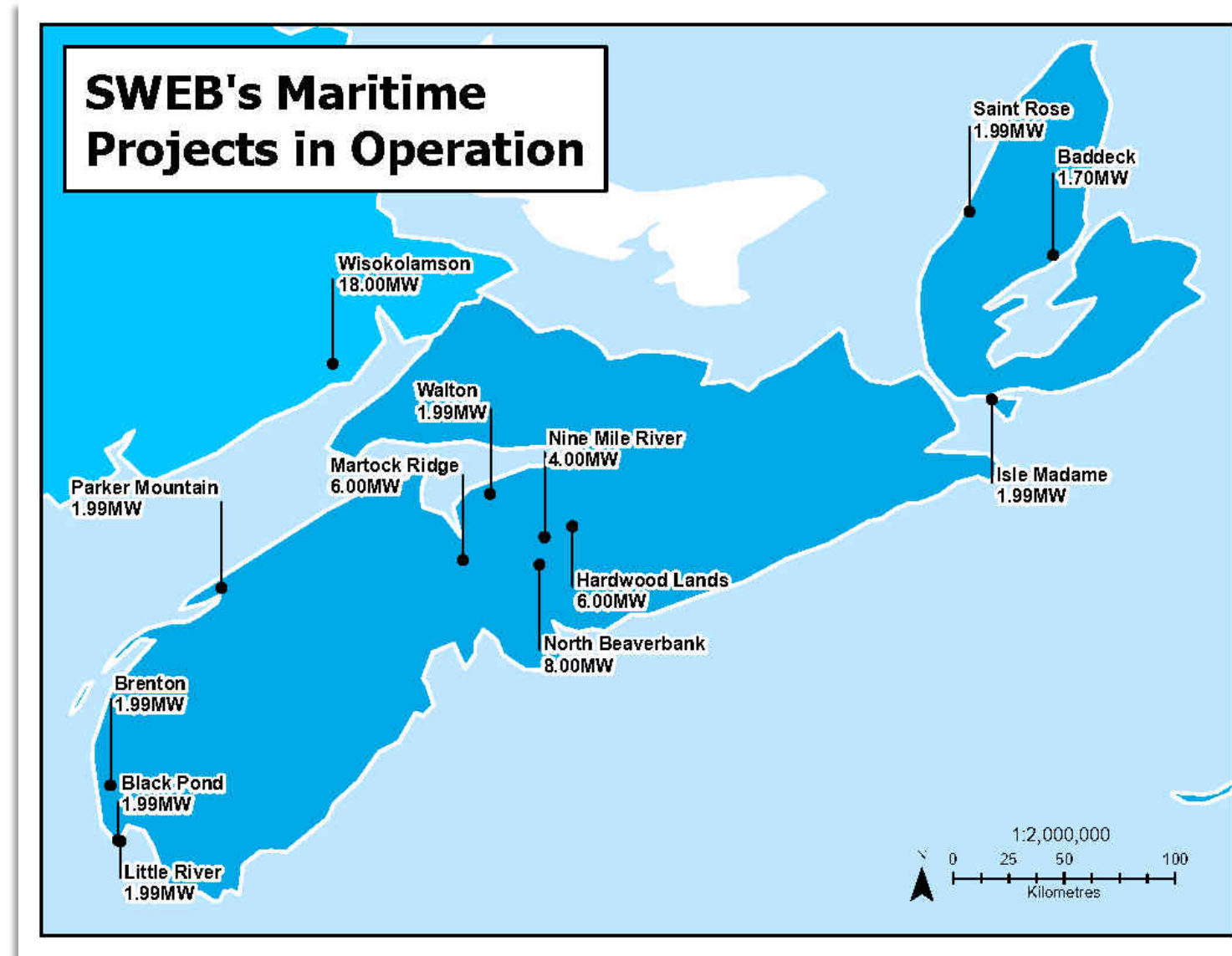
SWEB Development
a W.E.B company
sweb.energy

- **North American subsidiary of WEB**
Based in Halifax, NS, Local Office in
Worcester, MA
Sustains and creates jobs in Nova Scotia
- **Community-oriented projects**
Local investment opportunities
Partnerships with local entities

Operational Projects in the Maritimes



- Participated in COMFIT program with largest proportion of COMFIT wind projects in the province
- Participated in NB Power's LORESS program with projects throughout New Brunswick and three different community partners
- Continued development of wind and solar energy projects throughout the region

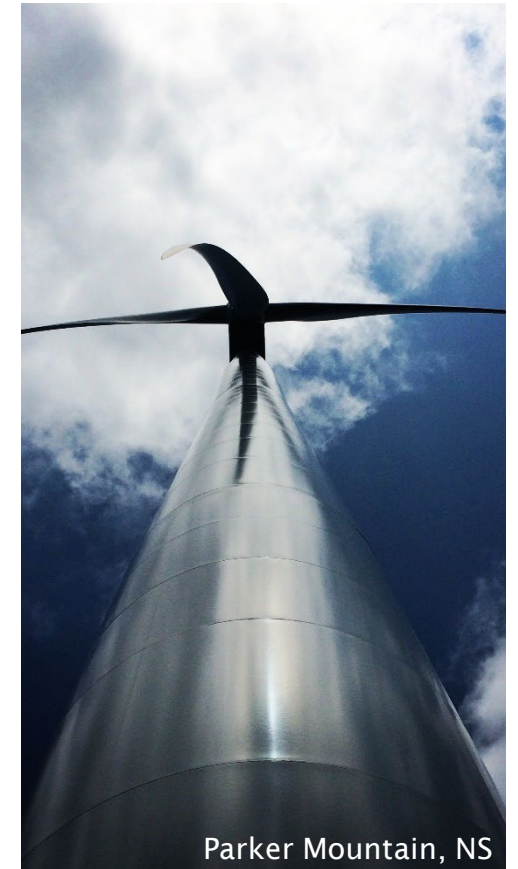


Nova Scotia COMFIT Projects

- 20 wind turbines throughout the Province
- Partnership with local partners:
 - Scotian Wind, Inc.
 - Scotian Windfields Inc.
- Community benefit program for local communities



Baddeck, NS



Parker Mountain, NS



North Beaver Bank, NS



Brenton, NS



Hardwood Lands, NS



Rooted in Nova Scotia

■ Sponsor of the “Halifax Hawks Atom A Hockey Team”

■ SWEB contributes community funds to:

- Walton and Area Development Association
- Baddeck Lions Club
- Hardwood Lands Community Centre
- Sipekne’katik First Nation (Indian Brook)
- Yarmouth and Area Community Fund
- Parker Mountain Wind Turbine Society
- Municipality of the County of Inverness
- Harbour Hall Community Fund
- West Hants Community Fund
- Beaver Bank Community Awareness Association
- Le fonds “La picasse” (Community Foundation)
- Nine Mile River Community Hall
- L’Association du Musee de Wedgeport

The Nova Scotia Rate Base Procurement

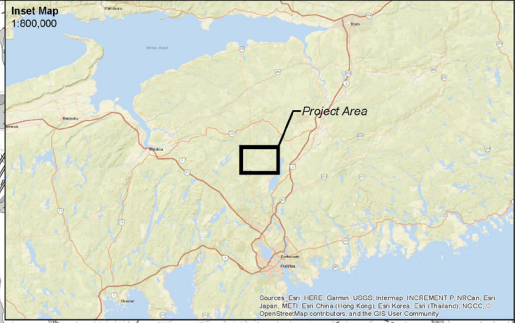
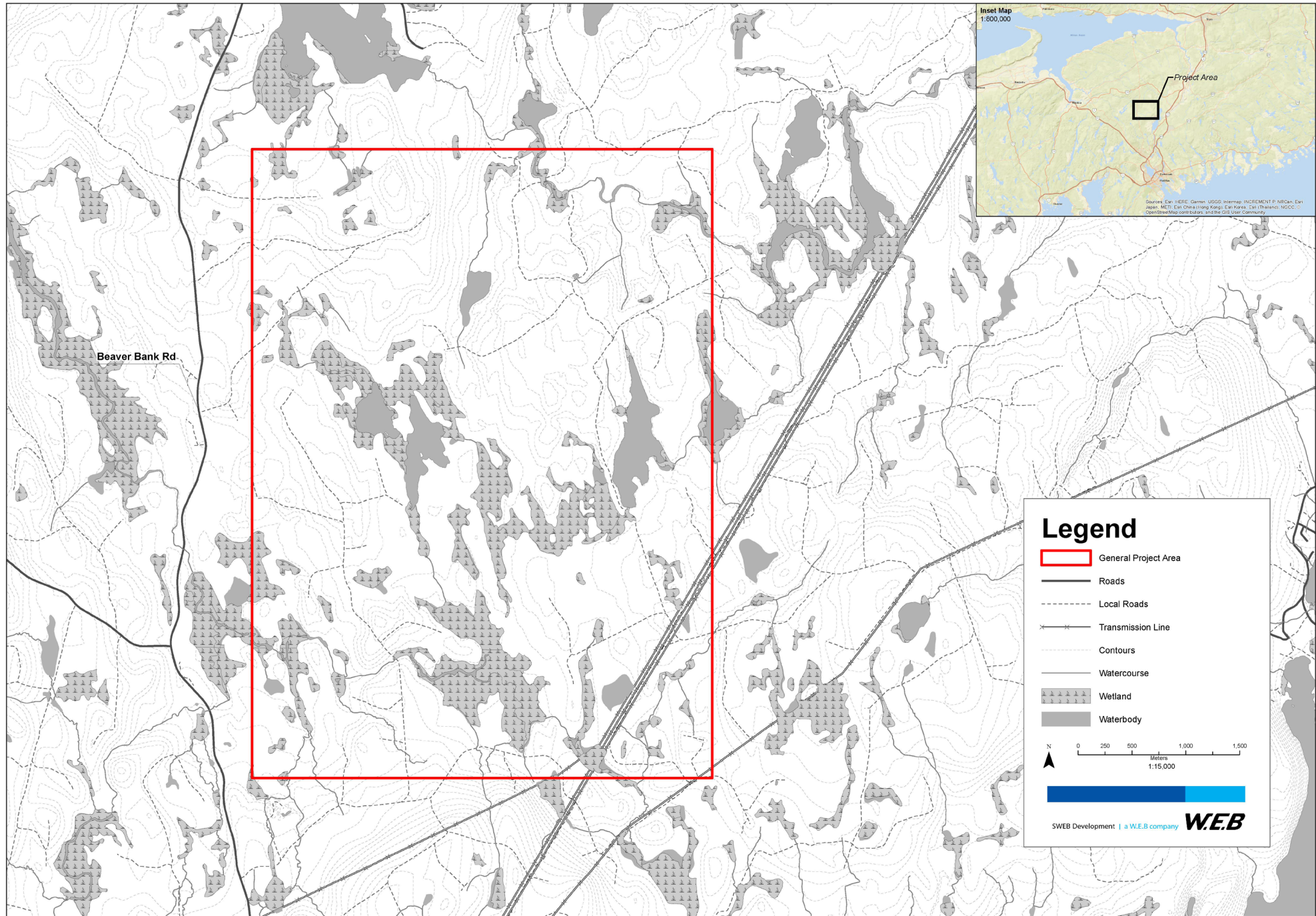
- Competitive procurement for up to 350 MW of transmission connected renewable low-impact electricity solutions
- Proponents partnering with Mi'kmaq communities
- Projects must reach COD before December 31, 2025 and have a maximum size limitation of 100 MW
- Why this project is being proposed



The Proposed Project











- Between 31.2 MW to 80 MW, between 6 to 18 turbines
- Turbine nameplate capacities between 4.5 MW and 6 MW
 - Turbine type has not been selected yet
- 100% located on Private land
- Along North Beaver Bank Road
- Site selection due to a number of factors
 - Proximity to transmission lines
 - Wind resource
 - Minimal receptors in the area
 - Existing infrastructure (such as roads)



Beaver Bank Rd.

Legend

-  General Project Area
 -  Roads
 -  Local Roads
 -  Transmission Line
 -  Contours
 -  Watercourse
 -  Wetland
 -  Waterbody
- N
0 250 500 1,000 1,500
Meters
1:15,000

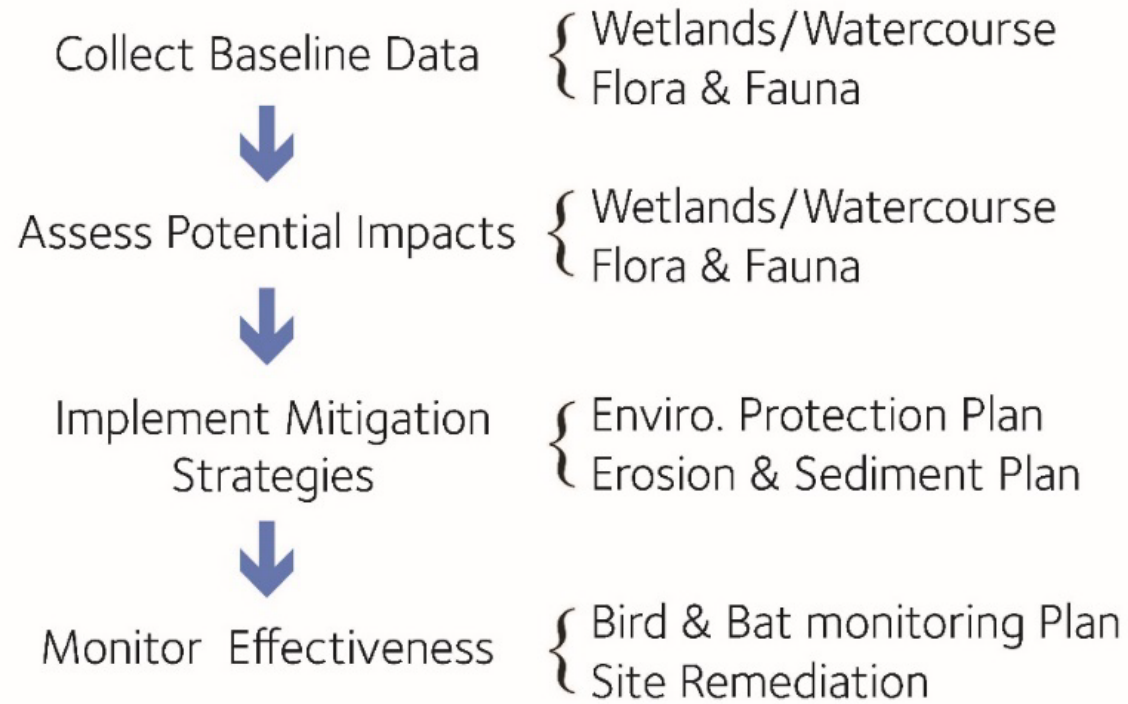
Work Completed to Date



- ▀ Raw wind data collection is ongoing
- ▀ Environmental assessment field surveys commenced in the summer of 2021 and will continue throughout 2022
- ▀ Stakeholder engagement began in 2021 and will continue throughout project development, construction, and operation
- ▀ First Nation engagement began in 2021 and will continue throughout project development, construction, and operation
- ▀ Project design and layout optimization underway

Impact Mitigation

Environmental Assessment



Health Canada

Health Canada, in collaboration with Statistics Canada, launched a multi-year research study in July 2012 to explore the relationship between exposure to sound levels produced from wind turbines and the extent of health effects reported by, and objectively measured in, those living near wind turbines.

In 2014, they published the study and found no link between wind turbine noise and illness and chronic disease, stress, or sleep.

Snowmobiles and Trails

- Plowing only for service and maintenance
- Only plow one side of the road, just enough to get our service truck in, and leave the other side untouched
- Look into allocating extra trail space adjacent to the roads or power line corridors



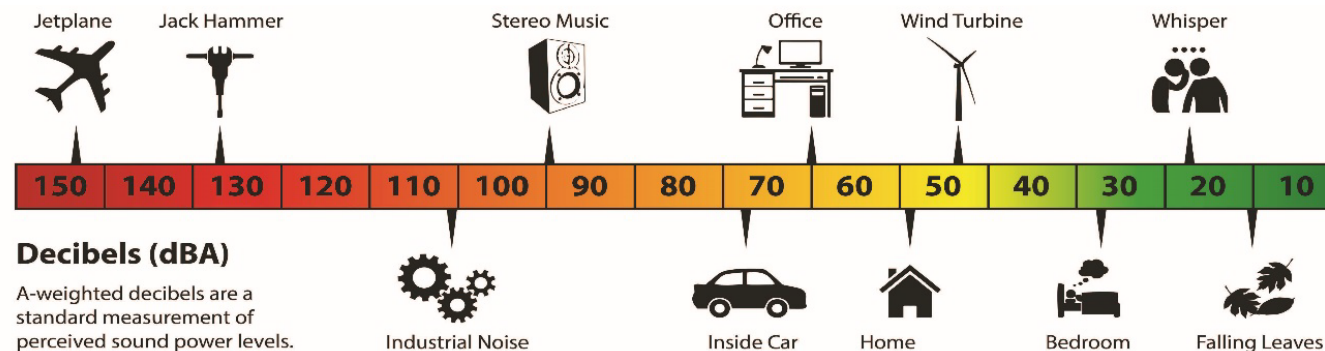
Site Access and Traffic

- Traffic during operation will be limited
- Access to the site will be gated and keys will only be provided to landowners, operations staff and suppliers, emergency services, and authorities having jurisdiction
- Look into submitting a traffic management plan for the construction period (if there is further concern)

Addressing Previous Feedback

Noise

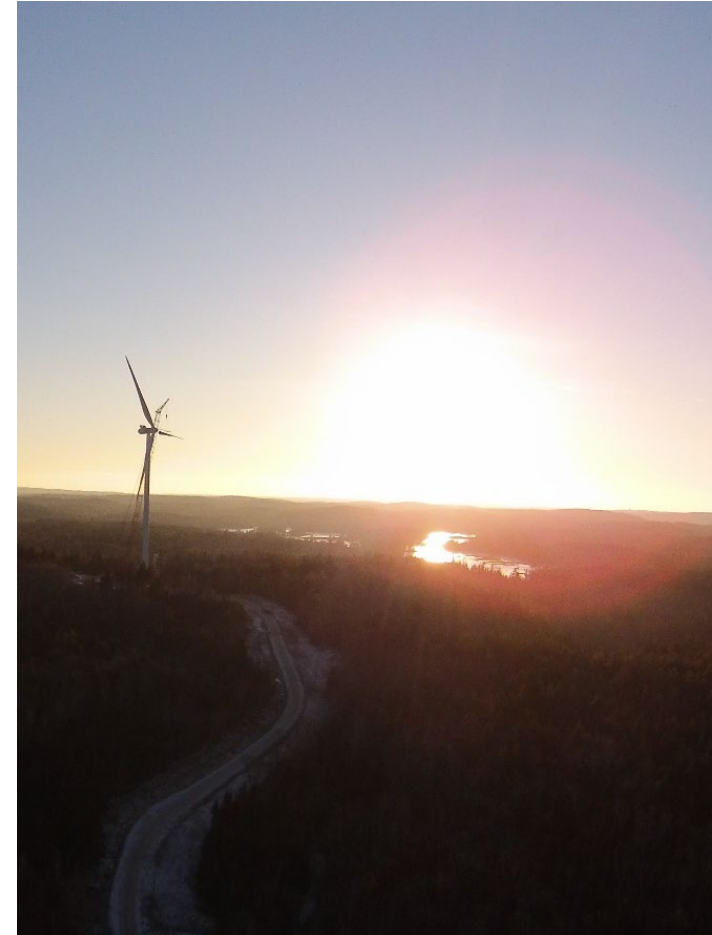
- Minimum setback of 1 km from all receptors
- Complete all necessary acoustic modelling prior to construction & post construction
 - Present all acoustic modelling findings to the public and any interested stakeholders
 - Submit all necessary noise modelling for noise impact review and approval
- Create a plan to react to any noise issues or complaints
- Follow all noise curtailment restrictions proposed on the project



Addressing Previous Feedback

Light Pollution & Aeronautical Lighting Systems

- Complete all necessary light modelling, including modelling shadow flicker, prior to construction
 - Present all findings to the public and any interested stakeholders & submit all necessary lighting permits and plans
- Explore aeronautical lighting systems options which use sensors and only illuminate during times of need (i.e. when an aircraft is approaching), as opposed to continuous illumination
- Complete all necessary lighting monitoring post construction and will create a plan to react to any light issues or complaints



Addressing Previous Feedback



Decommissioning

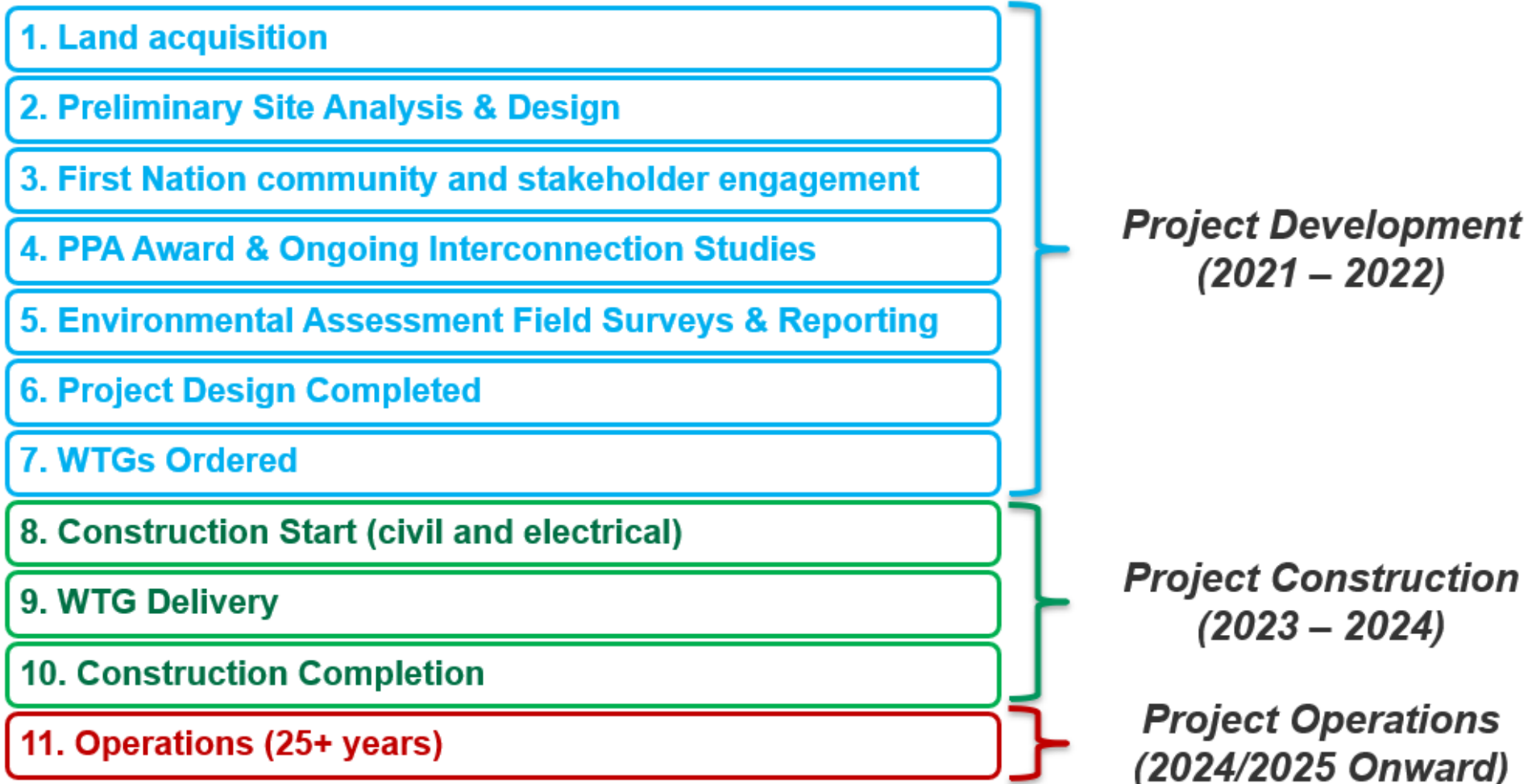
- SWEB will be obliged by its contractual relationship with NSPI to decommission the turbines
 - The plan will outline the process in which equipment and materials will be removed from the site in the event that Proponent is no longer able to construct or operate the project
 - NSPI will hold \$20,000 per MW in security (up to \$1.56 million)
 - The plan will be set prior to construction commencement
- Outline key contacts on both the project side and the NSPI side

Project Benefits

- Local labour, services, and materials
- Direct and indirect benefits for various stakeholders and First Nations communities
- Positive impact on local businesses and will result in employment opportunities in addition to tax revenue for municipal, provincial, and federal governments
- A share of project revenues will be used to support local community groups and underrepresented communities in the province
- Significantly offset carbon dioxide (CO₂) emissions from Nova Scotia's current electricity production
- Produce enough clean power for up to 26,000 homes



Proposed Project Timeline



Question & Answer Period

W.E.B



Continuing Discussions



Project Contact Information

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All project information is available for review in our Halifax office at
6080 Young Street, Suite 403 and can be mail upon request



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Thank you