

**SUPERPORT DAYS PRESENTATION**

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# POWERING LOCAL SUCCESS

Port Hawkesbury Paper Wind Project

# The Prospect of Renewable Energy

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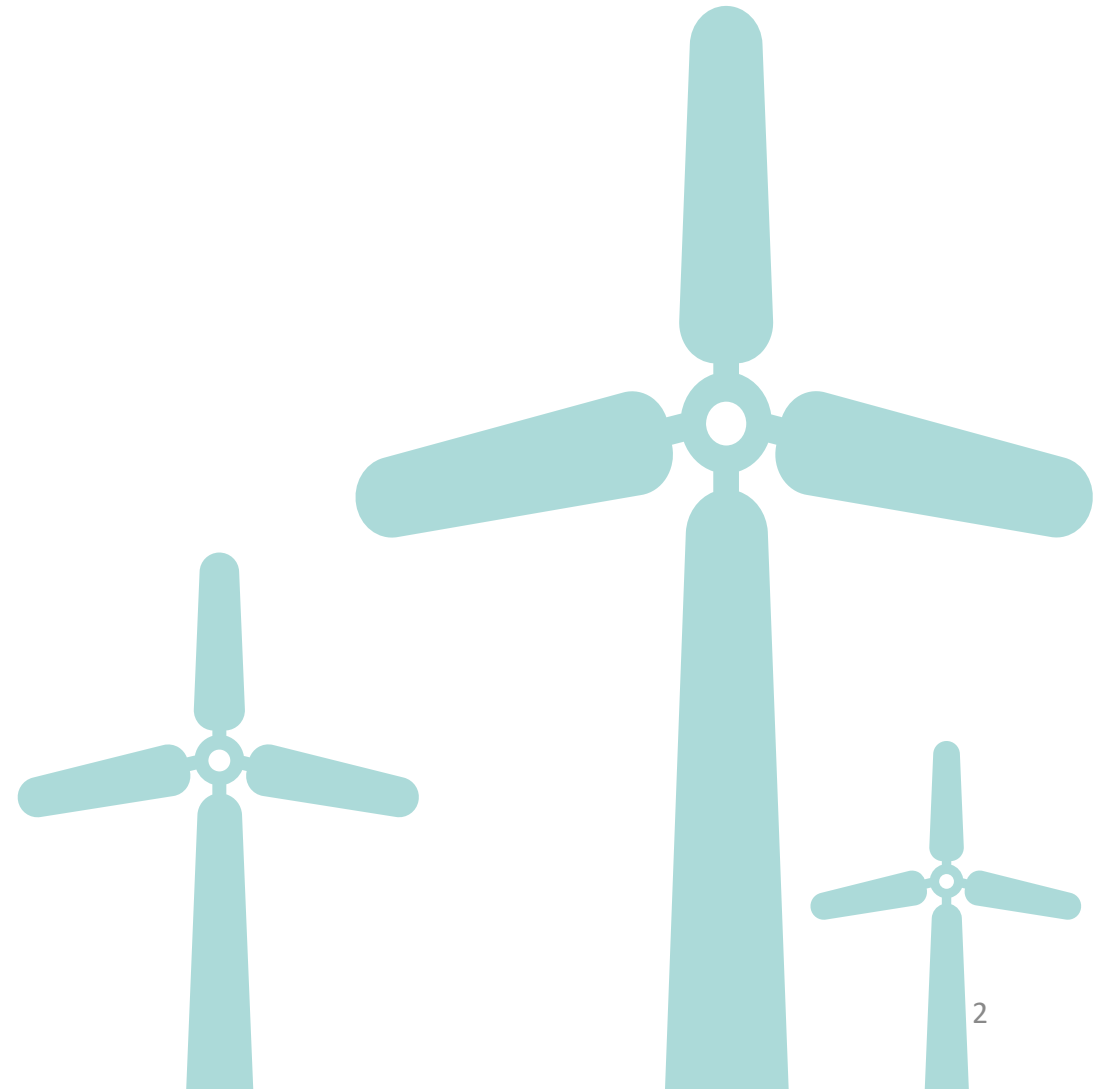
Port Hawkesbury Paper, through its sister organization Port Hawkesbury Paper Wind (PHP Wind), is proposing to build a 130-megawatt (MW) wind farm, which will be located in Guysborough County.

Developing PHP Wind is a critical step towards securing the long-term viability of one of the largest industrial employers in Nova Scotia. It will help reduce the facility's carbon footprint and greenhouse gas emissions, as well as lower energy costs.

This project is a key part of adding new renewable energy sources to the many solutions our province requires; it will help us reach the provincial goal of phasing out coal-produced electricity and getting to 80% renewables by 2030.

Nova Scotia's Rate Base Procurement (RBP) process, aimed to attract low-cost and innovative solutions to procure a total of 350 MW of renewable electricity, has confirmed five key projects, all of which include partnerships with Mi'kmaq communities.

Given that the PHP Wind project was well underway prior to the RBP, it has been proceeding outside of the RBP process with no negative or competitive impact.



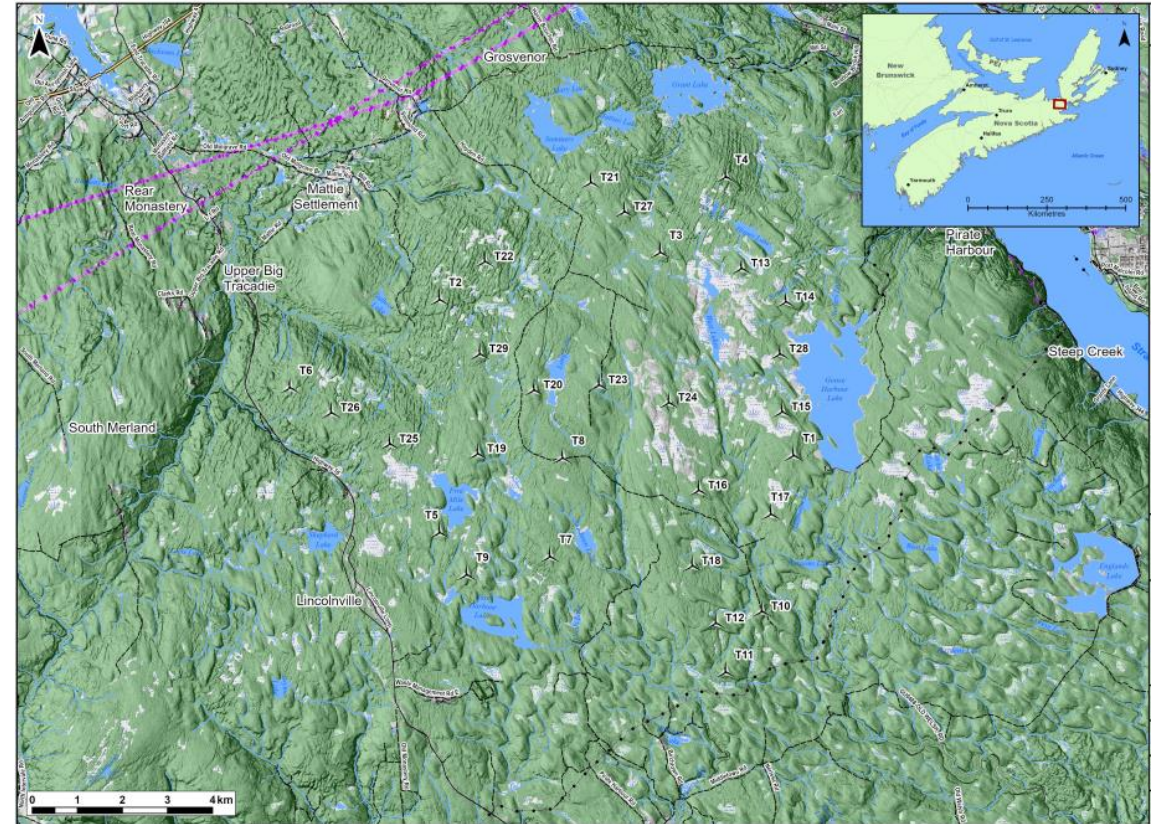
# Project Overview

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The project is a nominal 130 MW wind farm currently in the project development phase, located west of the PHP facility on the Nova Scotia mainland.

Key elements of the project:

- Approximately 30 wind turbines (depending on wind turbine capacity)
- Overhead power collection system
- High voltage switchyard with step up transformers and transmission interconnection infrastructure
- Wind farm road network



PHP Wind Project: Site overview, Long Lake

# Project Overview (cont'd)

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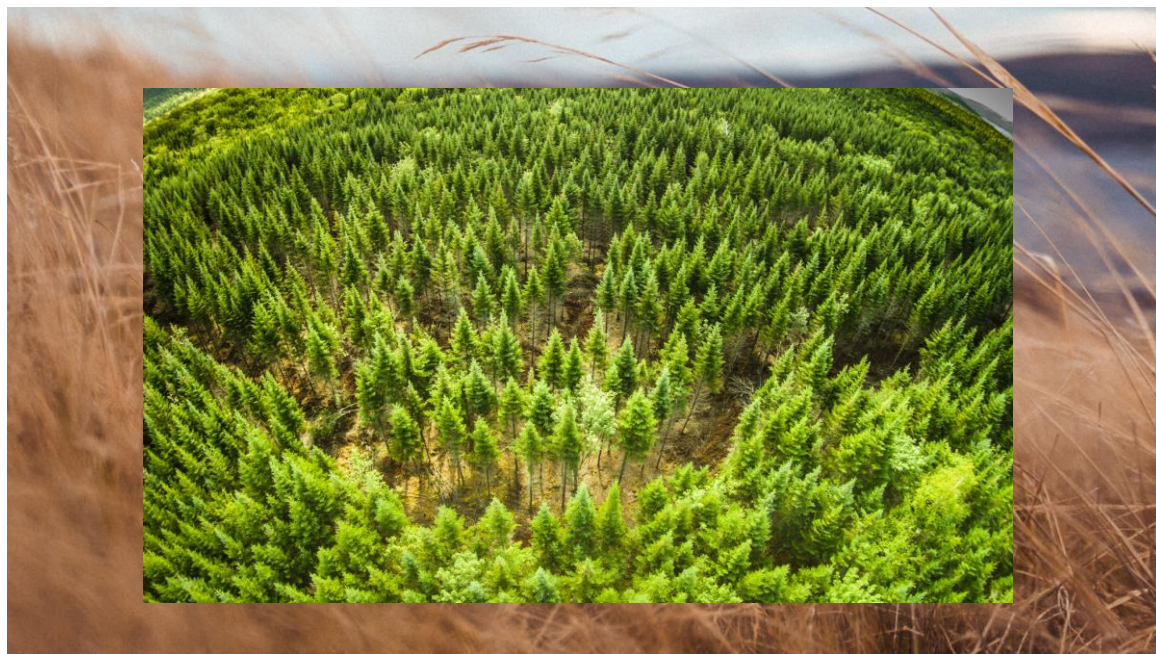
A photo simulation of the visual impact of the project when looking southeast toward the site from Monastery.





## Focused on the future for our communities

- The project represents an environmentally sustainable optimization of the Port Hawkesbury Paper facility's operations that reduces the facility's carbon footprint and greenhouse gas emissions and lowers its energy costs to help ensure a long-term future.
- In its 60th year of operation, the PHP facility, which has had only a few owners since 1962, is one of the longest-term employers in the region's history with an unprecedented commitment to the region, its employees, and community members who have come to know and trust PHP.



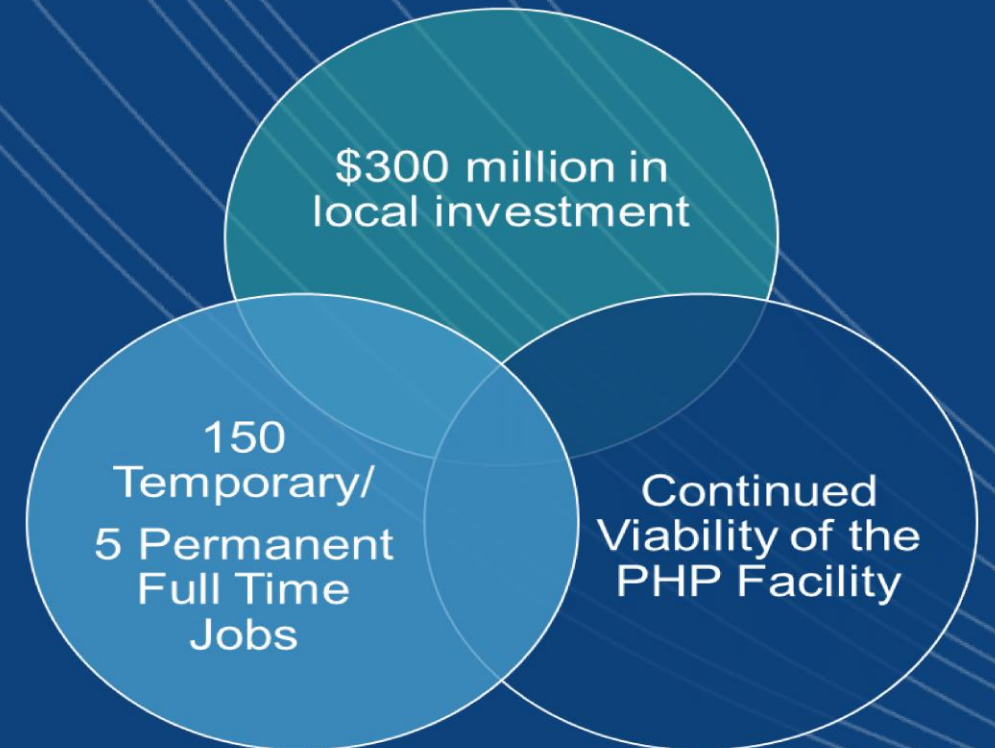
# Community Benefits

PHP is proud to be a part of the local community, and we are committed to meaningful and open engagement with our neighbours, local Indigenous peoples, and all our project stakeholders. We invest in projects and programs to help strengthen the communities where we live, work, and do business.

The region will benefit from the project both during the development phase and once the project is operational. During its development, the wind farm will generate approximately \$300 million in investments and construction will create local employment opportunities, with approximately 150 temporary full-time jobs and up to 5 permanent jobs.

The project's collective financial benefit to the region and province is projected to represent approximately \$1.3 million per year. As part of this, property tax revenues of approximately \$800,000 per year will be paid to the Municipality of the District of Guysborough and land lease costs paid to the Province will be in the range of \$500,000.

There are substantial economic benefits of the project for the region over and above this amount in that the access to renewable cost-controlled energy will be critical to the continued viability of the PHP facility (including direct and indirect jobs).



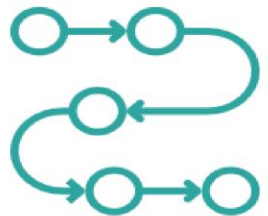
# Ensuring PHP's Viability

## And Local Economic Impact for Surrounding Communities



**325**  
PEOPLE EMPLOYED

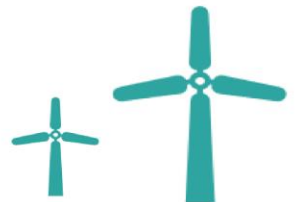
When complete, this green energy project will supply up to 30% of the facility's required electrical power. The plan envisions directing the renewable energy generated to the facility, thereby improving the containment of the facility's costs. These measures will contribute to the facility's long term global competitiveness and sustainability.



**700**  
INDIRECT JOBS  
POSITIVELY IMPACTED

By diversifying the Port Hawkesbury Paper facility's energy mix, we will be operating in a more environmentally conscious manner, clearing the way for a healthy business that can continue to benefit the region's economy and provide well-paying jobs in rural Nova Scotia.

The Port Hawkesbury Paper facility, which is celebrating ten years of successful operations in Nova Scotia this year, directly employs approximately 325 people, and positively impacts another 700 indirect jobs, employing hundreds of forestry contractors and suppliers.





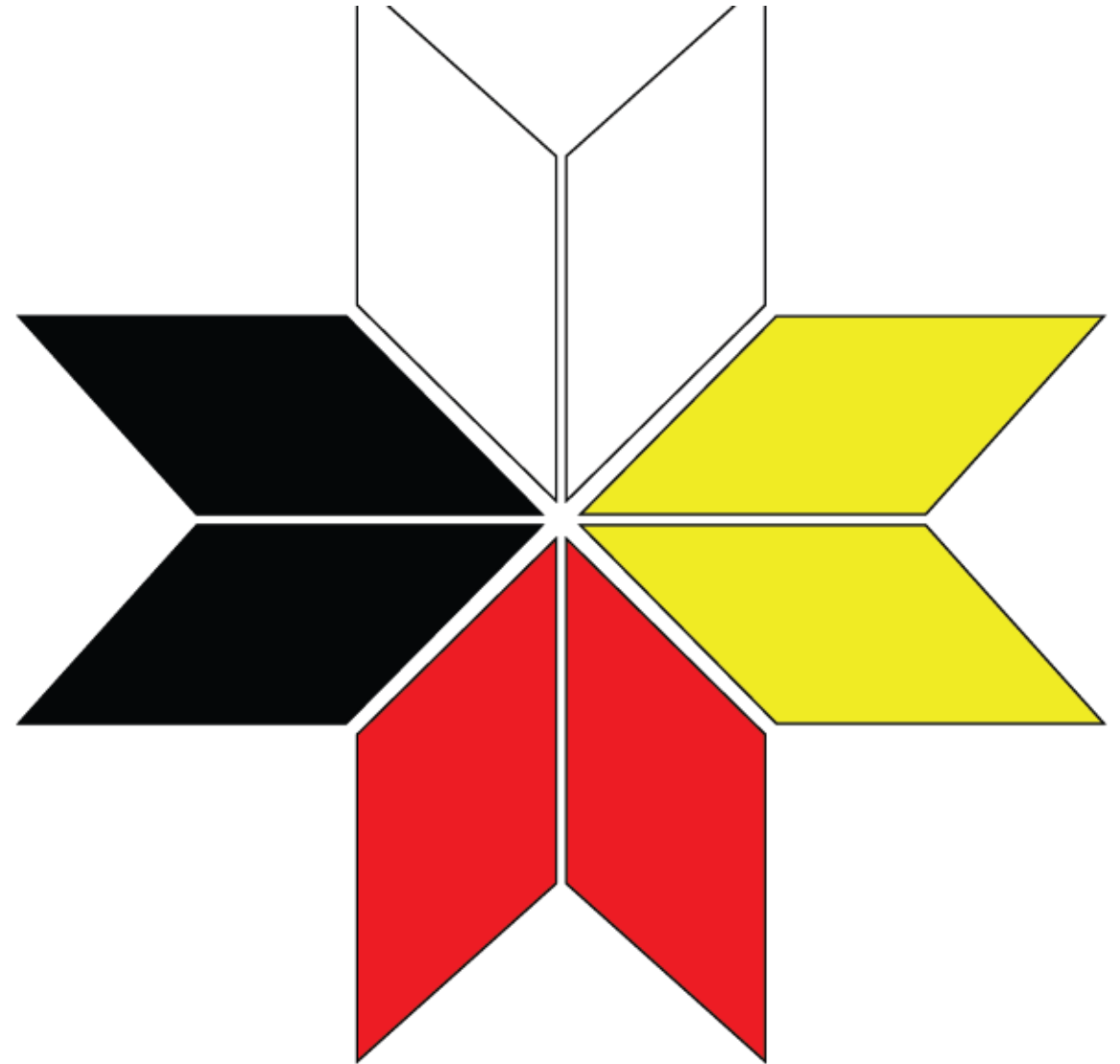
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# **PHP and Mi'kmaq Engagement - A shared history**

## Outreach and Engagement

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- PHP values its history and relationship with the Mi'kmaw Community and views this as integral to the facility's operations; PHP is seeking to expand on this foundation with wind and renewable energy in the region
- Working with KMKNO on varied programs
- Supporting Mi'kmaq fish and wildlife mapping identifying protected areas
- Mi'kmaq vendor/contractor services for successive years—ie First Alliance Security



# Outreach and Engagement

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- PHP has been engaged with the Assembly of Nova Scotia Mi'kmaq Chiefs in its duty to consult and will fulfill all requirements on the wind project development
- PHP Wind has assembled an experienced team of trusted advisors to work with our Mi'kmaq and local communities; ensuring coordination and unity of approach and communication with both Mi'kmaq and non-Mi'kmaq communities and stakeholders
- Focused on strengthening and building relationships to facilitate meaningful engagement and participation of both Mi'kmaq perspectives and non-Mi'kmaq interests in the project's development
- As is PHP's practice, we will look for opportunities where we can continue to work together collaboratively
- *Picture right: team members from PHP and First Alliance Security, Waycobah. This partnership began in 2013*



## PHP Wind will be an extension of PHP's natural practice of working with communities

- PHP has been working directly with UINR and CMM on the Mi'kmaq Forestry Initiative
- PHP is proud to support community scholarships, Nova Scotia Mi'kmaw Summer Games and other key initiatives
- PHP works in alignment of the FPIC process (embedded in PHP's FSC certifications) and Indigenous Cultural Landscapes



***Mi'kmaq engagement and inclusion in PHP operations has long been an integral aspect of the company's business operations—a principle that is also central in the development of PHP Wind. Actions include:***

- Providing Mi'kmaw community leadership regular updates; exploring the opportunity for participation in a meaningful way—either as a capacity-building exercise and/or a project partner
- Meetings with key Mi'kmaw stakeholders were undertaken in advance of the general public project meetings in a two-step approach: informal outreach to introduce the project followed up with offers for Open Houses. During summer 2022, PHP Wind representatives attended Industry Days in Paqtnkek and met with community leadership and representatives from various groups including:
  - Paqtnkek First Nation
  - Acadia First Nation
  - Annapolis Valley First Nation
  - Eskasoni First Nation
  - Glooscap First Nation
  - L'sitkuk First Nation
  - Membertou First Nation
  - Millbrook First Nation
  - Native Council of Nova Scotia
  - Office of L'Nu Affairs

# Industry Days – Paqtnkek, June 27,28, 2022





General Community Open Houses:  
Lincolnvile and St. Francis Harbour (June 27 &  
29, 2022); Lincolnvile, Aulds Cove and Town of  
Guysborough (August (29,30 and 31, 2022)

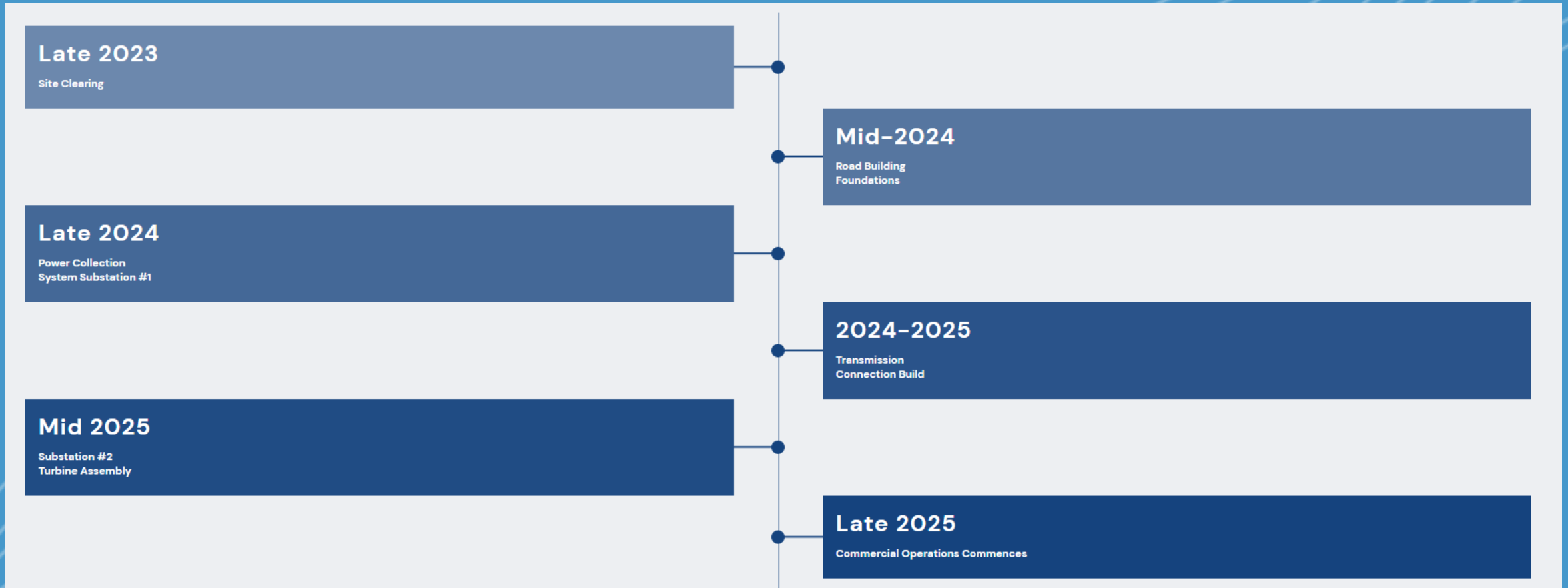
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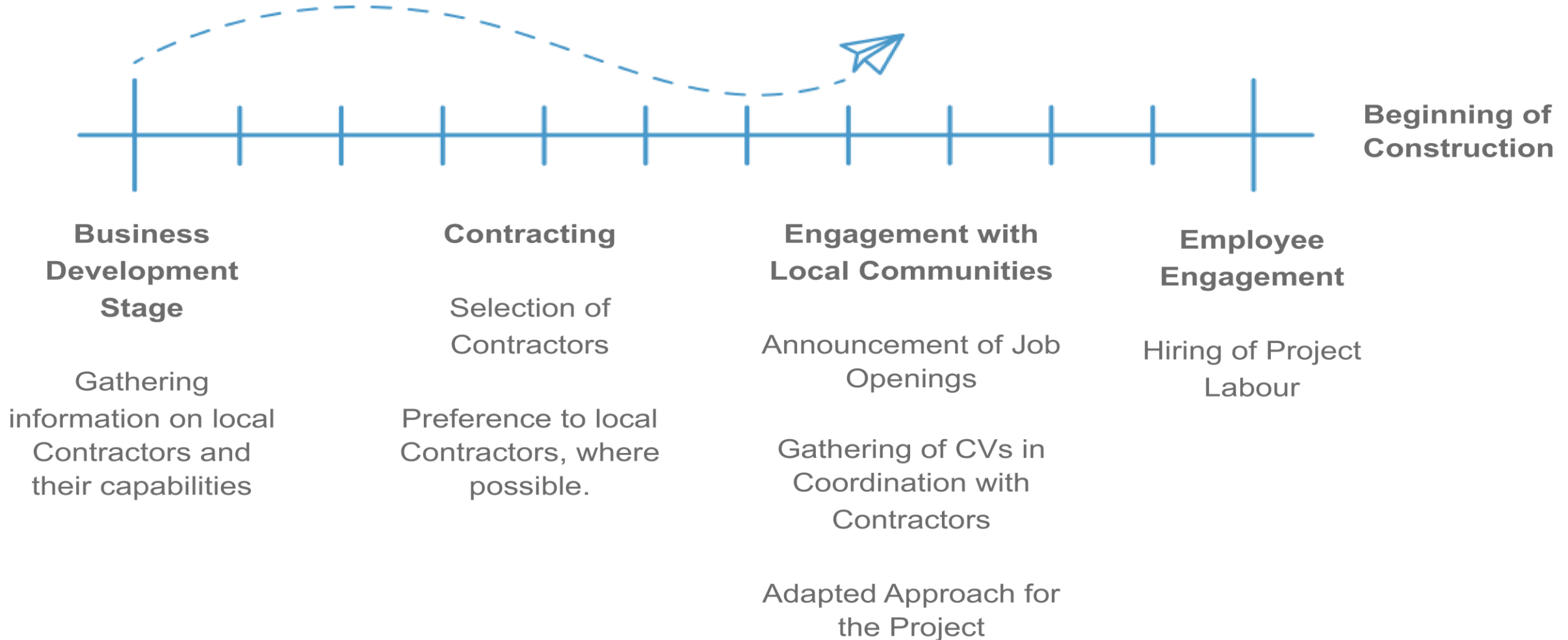
# **Timelines and Contracting Approach**



# I PROJECT TIMELINE



# General Project Contracting Approach



# THANK YOU & QUESTIONS

Contact:

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