

Title: Developing Offshore Wind in Canada: Local Capability, Global Experience, and Future Opportunities

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Abstract:

As Canada prepares for its first generation of offshore wind projects, attention is shifting from resource potential to project delivery. Nova Scotia's ambitions to license up to 5 GW of offshore wind capacity creates opportunities for a competitive domestic supply chain while drawing on experience from mature global markets. This represents the beginning of a new industrial opportunity that will require strong collaboration between developers, governments, indigenous communities, local suppliers, and experienced global offshore contractors.

Aker Solutions has been part of Canada's energy industry for decades and continues to invest in Canadian capabilities, people, and supply chains. This presentation explores how global offshore wind experience can be applied to the Canadian context to support industry growth, local participation, and successful project execution, combining strong local presence with global offshore project execution experience.

The presentation is structured around three themes:

1. First, we will discuss the foundations of successful offshore project delivery. Key to this is local execution, employment, and long-term partnerships. It requires trusted local relationships, regional capability development, and a commitment to creating value in the communities where projects are delivered.
2. Secondly, we will examine opportunities for Canadian businesses across the offshore wind value chain, from engineering and fabrication to marine operations, logistics, ports, installation, maintenance, and specialist services. Many Canadian companies already possess capabilities developed through adjacent industries that are directly transferable to offshore wind.
3. Finally, and most importantly, what can local suppliers do today to prepare for future offshore wind opportunities? Drawing on lessons learned from Europe and other international offshore wind markets, we will discuss how suppliers can position themselves for success, what project developers and major contractors typically look for during supplier qualification, and how companies can identify work packages where their experience and capabilities provide a strong fit.