

April 25, 2023

**Attention: Office of the City Clerk  
General Issues Committee  
City of Hamilton**

**Re: Hamilton Region Decarbonization Hub (May 3, 2023)**

HOPA Ports is pleased to support the establishment of the Hamilton Region Decarbonization Hub. The Hub is designed as a collaborative partnership of stakeholders, and we are pleased to be at the table, ready to contribute where can.

Globally, ports are playing an increasingly important role in decarbonizing transportation, industry, and power generation. Ports are uniquely positioned because of their proximity to industrial energy users, and as the location of potential infrastructure for energy transportation, storage or production.

Here in Hamilton, our location on the Great Lakes-St. Lawrence Seaway has been part of an essential transportation route for centuries. It remains so today, making Ontario's leading port city the ideal starting place to modernize and decarbonize goods movement within the North American continent.

We are proud to be taking some first steps already to support the growth of clean energy use in Ontario's Great Lakes region, beginning with fuel transition. At the Port of Hamilton, we have been facilitating the fueling of LNG vessels for four seasons now, with a total of 28 vessels fueled so far with this transitional alternative to traditional bunker fuel, on the path to even lower-carbon alternatives.

Earlier this spring HOPA announced a memorandum of understanding with Atura Power to purchase green hydrogen from its Niagara-based production facility when it comes online in 2024.

We've been investing in shore power to allow more ships to reduce their environmental impact when they are in port for long or short stays. And we are leveraging our role as an industrial landlord to facilitate collaborative solutions, like the co-generation facility at Pier 10, program incentives for port tenants to reduce operational emissions, and other energy efficiency, solar and waste heat recapture initiatives.

The most significant impact, however, will come from an increase in utilization of marine shipping itself. More short sea shipping on the Great Lakes, along with the greater ability to handle containerized goods at Great Lakes ports, has the potential to eliminate tens of thousands of heavy truck trips within the Canada-US Great Lakes region. Compared with transportation by marine, greenhouse gas emissions are 19% higher by rail and 533% higher by truck, per tonne/km. As southern Ontario's population grows, decarbonizing the region's essential supply chains is a challenge, and an immense opportunity.

We look forward to collaborating with Hamilton stakeholders on this and other ideas as part of the Hamilton Region Decarbonization Hub.

Sincerely,



Larissa Fenn  
Vice President, Corporate Affairs  
HOPA Ports