



CHFCA Ports and Maritime Workshop

September 9, 2020, 14:30 – 17:30
Session Chair: Cory Shumaker, Hydrogen Consultant

On September 9, 2020 the Canadian Hydrogen Fuel Cell Association (CHFCA) will host its second workshop focused on the topic of hydrogen and fuel cells in ports and maritime. This workshop comes at a pivotal time of the new stringent global emissions regulations recently announced by the International Maritime Organization (IMO) to reduce greenhouse gas emissions by at least 50% by 2050 compared with a 2008 baseline. Shipowners and ports around the world are working to find lower emissions solutions, with a lot of attention on the potential of hydrogen and fuel cells. The CHFCA Ports & Maritime Workshop will feature updates on hydrogen and fuel cell activities from California ports, European ports, and progress underway in the Northwest ports of Seattle/Tacoma and Vancouver. Topics covered will be hydrogen fuel cell vessels (ferries, barges, service vessels), container handling equipment in ports and shorepower for ocean-going vessels at berth.

Preliminary Program:

14:30	15:20	Welcome Opening Keynote: Global Overview of H2FC in Ports & Maritime Fuel Cell Solutions for Maritime & Ships At-Berth - Panel Changing Tides of Energy Ports are key to zero emission shipping	Mark Kirby, CHFCA Cory Shumaker, CHBC Ryan Sookhoo, Cummins Johan Beyer, Powercell Jogchum Bruinsma, Nedstack
15:20	15:30	Q/A - Panel Discussion	
15:30	16:00	Coffee break	
16:00	16:30	Fuel Cell Solutions for Container Handling Equipment - Panel Q/A - Panel Discussion	Nicolas Pocard, Ballard
16:30	16:40	Q/A - Panel Discussion	
16:40	16:50	Hydrogen Fuel Cells - A Ports Perspective	TBD, Port of Seattle/Tacoma Graham VanderSchelden, Northwest Seaport Alliance Christine Rigby, Port of Vancouver Sabina Russel, Zen Energy Solutions
17:20	17:30	Q/A - Panel Discussion Closing remarks	Cory Shumaker, CHBC

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