

## **Zero-Emission Strategies for Harbour, Port and Transit Operations Unlocked at Canada's f-cell+HFC Impulse Summit**

*Two Workshops designed specifically for maritime, trucking and transit leaders*

**VANCOUVER, BRITISH COLUMBIA – April 23, 2019 – f-cell+HFC 2019 today announced two workshops taking place at its upcoming industry conference in Vancouver, Canada. Each interactive workshop will examine innovations and trends driving the increased adoption of zero-emission hydrogen and fuel cell electric equipment in North American marine, trucking and transit bus applications.**

Marine and harbor operations are a vital component of the infrastructure required for international commerce and defense. Yet ships, their shore-power, and freight truck movement to and from ports are impacting regional and urban air quality. As ports located near major cities in the Pacific Northwest expand operations to support greater container demand, there is a growing need to mitigate their impacts on the environment.

The Canadian Hydrogen Business Council (CHBC) and Canadian Hydrogen and Fuel Cell Association (CHFCA) Ports Workshop on May 21, 2019 will unite senior executives and influential stakeholders from port authorities, logistic companies, and solution providers to explore the growing role hydrogen fuel cell electric solutions can play in helping ports and industry adapt to new business challenges affecting the international system of goods movement and port's increasingly-strict emission reduction targets. Professionals from terminal and shore-power operations and the container trucking sector are invited, as are others looking to establish contacts for further cooperation in advancing zero-emission alternatives.

"Hydrogen and fuel cell electric equipment can accelerate the shift to clean energies at port locations," said Cory Shumaker, Development Specialist of the California Hydrogen Business Council and Session Chair of the Ports Workshop. "With the continued development of hydrogen valleys all over the world, seaports are now seen as a key nexus for the utilization of hydrogen on both land and sea."

Along with changing demands in the ports and trucking sectors, public transit agencies are also facing challenges to reduce their environmental footprint. The F-cell+HFC half-day workshop "Transition to Fuel Cell Buses" on May 23, 2019 will explore the status of no-compromise hydrogen fuel cell electric buses (FCEBs) and their fuel supply and infrastructure, while updating participants on existing transit bus deployments in Canada, California and Europe. This session will bring attendees up to speed on recent advancements, including the FCEB's 10 million-plus miles of in-service operation and its related scalable hydrogen infrastructure, but will also provide a forum for the discussion of regulations, incentives and operator experiences between government leaders, funding agencies, transit agencies, operators, system integrators and end-users.

"California recently adopted regulations that require state transit agencies to begin transitioning their fleets of zero-emission buses in 2023, with the goal of completing a transition of more than 10,500 buses by 2040," said Jaimie Levin, West Coast Director of the CTE Center for Transportation and the Environment and Session Chair of the Bus Workshop. "A strong market signal has been set, and we look forward to discussing major advances in zero-emission fuel cell electric buses that are laying the groundwork for their wider deployment in transit operations worldwide."



Tickets for each workshop are available online at [www.hyfcell.com](http://www.hyfcell.com). The Transit Workshop is open to all delegates attending the f-cell+HFC Summit or tickets may be purchased solely for the event, while there is an add-on fee for the Port Workshop. Preregistration is essential in order to guarantee your place.

The f-cell+HFC Impulse Summit is also pleased to introduce new Silver sponsor Hydrogenics, a global innovation leader in the design, development and manufacturing of commercial hydrogen generation, energy storage and fuel cell products. Joining our speaker list are Hydrogenics representatives Daryl Wilson, President and CEO, as well as Ryan Sookhoo, Director of New Initiatives, and Michel Archambault, Director Business Development – Power Systems.

Conference and Workshop registration are available at <https://hyfcell.com/registration/>.

Journalists are welcome to cover the opening day of conference, May 22, 2019 from 9:00 AM to 12:00 Noon.

#### **About the f-cell+HFC 2019 Impulse Summit**

f-cell+HFC 2019 Impulse Summit is designed to accelerate the fight against climate change by connecting international industry executives with senior government leaders, investors and researchers to accelerate and scale-up projects that can economically produce infrastructural hydrogen, integrate hydrogen fuel transport and storage options such as power-to-gas, and identify paths to support the near-term demand for increased hydrogen fuel cell use in commercial industrial applications such as forklifts, heavy-duty trucks and buses, marine and building applications.

#### **About CHFCA**

The Canadian Hydrogen and Fuel Cell Association is a non-profit trade association of product manufacturers, component developers, suppliers, research organizations, governments and financial institutions designed to advance the understanding of hydrogen and fuel cells and their capabilities amongst industry leaders in Canada and beyond.

#### **About Peter Sauber Agency Fairs & Congresses**

The Peter Sauber Agency is one of Europe's leading industry conference organizers. The Agency has developed, organized and hosted a range of fairs, congresses, exhibitions and community events with a focus on identifying paths to address our global energy and environmental challenges, including the f-cell Conference since its inauguration in 2000 in Stuttgart.

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