

New agreement to explore hydrogen's potential in Atlantic Canada

February 24, 2022 — The [Canadian Hydrogen and Fuel Cell Association \(CHFCA\)](#) and the [Atlantic Hydrogen Alliance \(AHA\)](#) are pleased to announce the signing of a three-year memorandum of understanding (MOU) to promote the development of hydrogen and fuel cell technologies in support Atlantic Canada's transition toward a lower-carbon energy future.

Under the terms of the agreement, CHFCA and AHA will collaborate to:

- share information and best practices related to hydrogen and fuel cell codes and regulations,
- stimulate hydrogen projects and support the development of hydrogen hubs,
- identify and address common technology barriers to producing, distributing, storing, and using hydrogen and hydrogen-based fuels,
- identify major industrial obstacles hindering the production or use of hydrogen and hydrogen-based fuels, and
- facilitate hydrogen-related dialogue via conferences, exhibitions, workshops, webinars, and meetings.

The [Atlantic Hydrogen Alliance](#) is a consortium of organizations including [OERA](#), the [Port of Halifax](#), [Heritage Gas](#), [Liberty Utilities](#), [Saint John Energy](#), [Atlantica Centre for Energy](#), [Deloitte](#), and [econext](#), that are working to develop a clean hydrogen value-chain in Atlantic Canada. The AHA will build on the findings of the [Feasibility Study of Hydrogen Production, Storage, Distribution, and Use in the Maritimes](#) and the [Feasibility Study of Hydrogen Production, Storage, Distribution and Use in Newfoundland & Labrador](#). The studies determined that hydrogen can be an essential part of the energy mix in Atlantic Canada by meeting up to 20% of the region's energy demand by 2050, while closing decarbonization gaps in sectors where greenhouse gas (GHG) emissions will be difficult to abate.

[CHFCA](#) is a national association representing companies in Canada's hydrogen and fuel cell sector. The organization's mission is to strengthen Canadian leadership in hydrogen and fuel cell technologies and products, raise awareness of the benefits of hydrogen technology, and accelerate the adoption of its members' products and services in Canada and abroad.

Quotes:

"The CHFCA is delighted to be entering into this cooperation MOU with the Atlantic Hydrogen Alliance. As we work to commercialize hydrogen energy and to capitalize on the enormous economic and environmental benefits, it is vital that we share best practices at the local, regional, national and international level. This MOU provides the basis for successful collaboration."

- Mark Kirby, President and CEO, Canadian Hydrogen and Fuel Cell Association (CHFCA)

"Hydrogen can play a key role in Atlantic Canada's energy mix as we work to achieve net-zero emissions by 2050. Realizing hydrogen's potential for our region will require commitment, collaboration, innovative solutions and the right research to both inform and kickstart significant action. The Atlantic Hydrogen Alliance is working to ensure we understand how best to harness hydrogen's potential for our region. Our collaboration with the Canadian Hydrogen and Fuel Cell Association will provide us with essential information and perspective as we blaze the path forward."

- Alisdair McLean, Atlantic Hydrogen Alliance (AHA)

About the Canadian Hydrogen and Fuel Cell Association (CHFCA)

The [Canadian Hydrogen and Fuel Cell Association \(CHFCA\)](#) is a national association that supports industry, academia, government agencies, financial organizations and other stakeholders focused on hydrogen and fuel cell technologies and products. As the collective voice of Canada's world-leading hydrogen and fuel cell sector, the CHFCA's mission is to strengthen Canadian leadership, raise awareness of the benefits of the technology, and accelerate the adoption of its members' products and services in Canada and abroad. The CHFCA currently has more than 170 members across Canada and regional branches in British Columbia, Alberta, Quebec and Ontario. You can also follow CHFCA on Twitter at [@PoweringNow](#) or visit www.chfca.ca for more information.

About the Atlantic Hydrogen Alliance (AHA)

The Atlantic Hydrogen Alliance (AHA) was created to explore how hydrogen could support the transition to a prosperous low-carbon economy in Atlantic Canada. Established in October 2021, the [Alliance](#) is made up of a group of founding partners including [OERA](#), the [Port of Halifax](#), [Heritage Gas](#), [Liberty Utilities](#), [Saint John Energy](#), [Atlantica Centre for Energy](#), [Deloitte](#), and [econext](#). Learn more about AHA at <http://atlantichydrogen.ca>, or follow them on [LinkedIn](#) or [Twitter](#) for the latest updates.

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