

From: Colorado Cleantech Industries Association brian.debruine@gmail.com
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To: brian.debruine@gmail.com



Colorado Hydrogen Network



An initiative of



Newsletter - November 2020

Directors' Update

In the past few weeks, it has become clear that the Colorado Hydrogen Network has hit a turning point. We're expanding from Network building and adding project building.

In just a year, from the initial stakeholder gathering on 11/20/19 that we called the "[Stammtisch](#)" at the [CSU Powerhouse](#), to the Charter Meeting on December 6th, to incorporation on Christmas Day 2019, and Colorado's first Hydrogen Fuel Station on September 29th, we've come a long way – and we've had a lot of help and support from our stakeholders.

The results of the Network, the podcast, and the acquisition of the Hydrogen Fuel Station, is that we're now being contacted by many earnest and professional people that want to help us build-out hydrogen infrastructure.

We've started assembling a team that have the time, talent and motivation to deploy hydrogen fuel stations. We'll be introducing them to you soon. This team will be working to contact and engage fuel cell vehicle suppliers, investors and most importantly – hydrogen customers, to make the launch of additional Hydrogen Fuel Stations a reality.

To help us engage with the region's transport businesses, who represent the consumers of the hydrogen that we will supply, we'll be drawing on help from Clean Cities, CCIA, CDOT, Alt Fuels Colorado and more, to help us engage with the all-important customers for the hydrogen.

As we begin this new phase of undertaking projects, we will of course, continue building the Network, informing and connecting our stakeholders, and advocating for hydrogen infrastructure deployment in all sectors. Together, we're driving the Energy Transition in Colorado.

Brian DeBruine – CHN Director of Operations

Upcoming Events & Announcements

November Monthly Meeting

All who are interested in hydrogen are encouraged to attend. The November Membership Meeting will take place via Zoom. You may follow the link below for access.



Tuesday, November 17th
3:30 - 5:00 p.m. MDT
<https://us02web.zoom.us/j/4212771558>
Passcode: CHN

Networking & Activities

Alt Fuels Colorado – CHN met this month with Alt Fuels Colorado to discuss assistance for customers interested in acquiring fuel cell commercial vehicles. Alt Fuels funding can help truck owners bridge the difference in cost between an internal combustion and fuel cell vehicle. Customers would be responsible for the base cost of the vehicle. The current funding round closes December 31st, but additional rounds are expected as funding allows. The deployment of fuel cell trucks and buses is critical not only for environmental reasons but also to provide a customer base to support hydrogen fuel stations



Black & Veatch – Black & Veatch is a global engineering, procurement, construction (EPC) and consulting company specializing in infrastructure development in power, oil and gas, water, telecommunications, government, mining, data centers, smart cities and banking and finance markets. CHN was contacted by the Director of Advanced Transportation to connect and learn about CHN's work and investigate areas of collaboration.



The Climate Reality Project connection – The Climate Reality Project (CRP) was founded and is led by former Vice President Al Gore. CRP's mission is to catalyze a global solution to the climate crisis by making urgent action a necessity across every sector of society.



The Climate Reality Project

CHN has always had a strong connection to Climate Reality since Brian leads the Science & Solutions team for the Denver Metro chapter and our Communication Director, Charlotte Hamilton is also a Climate Reality member.

This month, Climate Reality members Kari Burman and Patricia Kelley have joined CHN as volunteers. Kari is a retired NREL engineer and Patricia is an attorney with her own consulting company: Kelly Green Clover LLC which focuses on environmental projects. Both Kari and Patricia are now working on projects with CHN that you'll be hearing more about in the future.

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Special recognition goes to Marcia Kohler, who in addition to being a Climate Reality member, is on the board of the [Regional Air Quality Council](#). It was Marcia who first introduced Brian to key members of Colorado state agencies that led to the founding of the Colorado Hydrogen Network.

US Department of Energy Stakeholder's Telecon – Each month, a Hydrogen Stakeholders telecon is hosted by the Department of Energy (DoE) [Hydrogen and Fuel Cell Technologies Office](#) (HFCTO) within the [Office of Energy Efficiency and Renewable Energy \(EERE\)](#).



The call is hosted by the HFCTO Director, [Sunita Satyapal](#) and is attended by the hydrogen organizations throughout the country including the [Fuel Cell and Hydrogen Energy Association](#), the California and Oregon hydrogen organizations, the **Colorado Hydrogen Network** and also Jack Paterson from the Denver City Council office of Deborah Ortega. Each organization has 5 minutes to present their current activities. This has been a great opportunity for CHN to gain national recognition and to network with the other hydrogen organizations.

Projects and Initiatives

Denver Metro Clean Cities – CHN is engaging with Denver Metro Clean Cities to help connect regional transport businesses (as possible users of hydrogen) and CHN (as a supplier of hydrogen). It is believed that as more users become aware of the availability of hydrogen, plus some availability of funding assistance for fuel cell vehicles, they will act to acquire fuel cell trucks.



Clean Cities Coalitions are part of the Department of Energy's (DOE) Vehicle Technologies Office (VTO) which works to foster the nation's economic, environmental, and energy security by working locally to advance affordable, domestic transportation fuels, energy efficient mobility systems, and other fuel-saving technologies and practices.

The First Hydrogen Fuel Station – Work is underway to prepare the site. The landscape architect for the CSU Powerhouse has been engaged to specify the permanent location, to move existing landscaping and define the paving. Dr. Bryan Willson has been working with the city of Fort Collins on permitting and zoning.



Brian D. is creating an overall system diagram by documenting the “as built” wiring and plumbing, in addition to labeling the major and minor components, to assist everyone working on and visiting the HFS.

The HydrogenNowCast



Podcast Update

To date, we have released 12 episodes of the HydrogenNowCast and the show has achieved over 1,600 downloads worldwide.



www.colorado-hydrogen.org

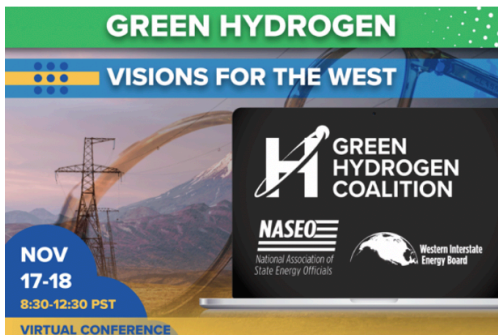
with listeners on all continents (except Antarctica).

Upcoming Episode 13 features extracting zero-carbon hydrogen from oil and gas wells, which you won't want to miss!

Please help promote the show by subscribing and giving us a rating in one of these podcast apps:

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News



The [Green Hydrogen Coalition](#), in collaboration with the National Association of State Energy Officials (NASEO) and the Western Interstate Energy Board (WIEB), is proud to present its 2nd Annual [Visions for the West conference](#), bringing together policy makers, industry leaders, utilities, and non-governmental organizations to accelerate progress for green hydrogen market and infrastructure development in the Western United States and beyond. See the [agenda](#).

November 17-18, 2020, 9:30AM-1:30PM MST. There is a 25% discount for CHN-CCIA members. Please contact Brian for the discount link at: brian.debruine@gmail.com.

The First Annual [Asia-Pacific Hydrogen Summit](#) is coming to bustling Singapore to deliver another conference full of cutting edge insight and collaboration building tailored to the region.

Held in partnership with the CHN reciprocal member, the [Asia-Pacific Hydrogen Association](#), the Summit will gather high level leaders from Government, Industry, Research and more to debate and understand where opportunities lie to improve a common hydrogen implementation and analyze how to tackle the key challenges in kick-starting the Asia-Pacific Hydrogen economy.

The Asia-Pacific Hydrogen Summit is presented by the [Sustainable Energy Council](#), London, and follows on the of the [World Hydrogen Summit Series](#) launch in Amsterdam in March 2020.

Further information [here](#).



24 - 25 NOVEMBER 2020 | SINGAPORE

Contact

[Brian DeBruine](#)
Director of Operations

[Frans Westenbrink](#)
Director of Strategy and Partnerships

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Colorado Hydrogen Network | 1312 Meadow View Drive, Evergreen, CO 80439

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