



Regular Meeting

17 March, 2020

Agenda

- Business Meeting
 - Officers selected
 - Now signing up members
- Activity Report
 - Meetings with Colorado Energy Office on Colorado Hydrogen Roadmap
 - Telecon with Center for Transportation and the Environment
 - Drafting of standard presentations
 - Contacts
- Projects
 - Hydrogen fueling pilot program
 - Podcast
 - Request for help from members to engage utilities, commercial users, investors
- Discussion / Q&A

Business

- CHN has 5 officer positions
 - Led by two Co-Directors
 - Director of Strategy and Partnerships – Frans Westenbrink
 - Director of Operations – Brian DeBruine (full time)
 - Communications Director – Still searching (please send nominations)
 - CCIA Director of Partnerships – Mary Austin, CCIA
 - Technology Officer – Dr. Bryan Willson
- No other nominations were received for the Strategy and Partnerships or Operations Director positions

Business (continued)

- Membership
 - Letters have gone out to selected CCIA members inviting them to join CHN at no charge
 - Requesting that interested CCIA members sign a letter of commitment
 - Official CHN members to date
 - Vairex, Starfire Energy, Lightning Systems, Innosphere, Colorado State University
 - Working on establishing reciprocal membership with organizations
 - Renewable Hydrogen Alliance (renewableh2.org) and several more
- Website
 - Updated with officers, added March Newsletter
 - Working on a “Hydrogen 101” document as a primer

Activity Report

- Colorado Energy Office – Hydrogen Roadmap
 - Telecon on March 16 included
 - Christian Williss – Dir. Transportation, Fuels & Technology
 - Keith Hay – Director of Policy
 - CEO is requesting funding to pursue
- Telecon with Center for Transportation and the Environment (cte.tv)
 - CTE may be able to assist us with our hydrogen fueling deployment
 - CTE is a nonprofit organization that develops, promotes, and implements advanced transportation technologies, vehicles, and fuels that reduce environmental pollution and fossil fuel dependency
 - CTE helps manage projects with a team of engineers, planners, and project managers
 - A few of their members are: Ballard, New Flyer, PlugPower, Toyota, Van Hool, GE, GM, Renewable Hydrogen Alliance, Trillium, Siemens, Hydrogenics, Engineering Procurement and Construction (EPC)
- All three Concept Papers for the DoE grant were rejected
 - Gordon Dash, Oil & Public Safety, CHN

Projects

- We are working on a campaign to deploy 2 to 6 modular fuel stations
 - Standard presentations have been prepared
 - Tailored versions for specific audiences such as municipalities, utilities, investors
 - Key enablers
 - Favorable electric rates enable selling hydrogen at parity with gas or diesel and provide margin to pay for the station
 - Modular fuel station with investor backing (DasH2energy.com)
 - A commercial user is needed for each station (bus, truck, fleet) to meet Return on Investment (ROI)
 - Discussions with City of Boulder who is interested in sponsoring at least one fuel cell bus
- Planning has started to produce a podcast
 - To be produced by Reid Productions AB, Stockholm (at no charge)
 - Company provides executive training, voice artistry and training, audio commercials for major corporations
 - Monte Reid is a close friend of Brian's
 - See: reid.se and montevoice.com
 - Podcast will showcase efforts throughout the world to deploy hydrogen (especially fueling)
 - Will provide increased exposure for CHN

You Can Contribute

- Looking for volunteers to help with the fueling campaign to provide help
 - Finding key points of contact
 - Information regarding the workings of the target organizations
- Target organizations
 - Utilities
 - Favorable rates in exchange for a tailorable load (curtailable)
 - Investors and sources of funding
 - Municipalities
 - Provide funding, sponsor buses trucks or fleets, provide sites for fuel stations
 - Companies with commercial vehicles
 - To sponsor trucks and/or fleets, provide sites for fuel stations