



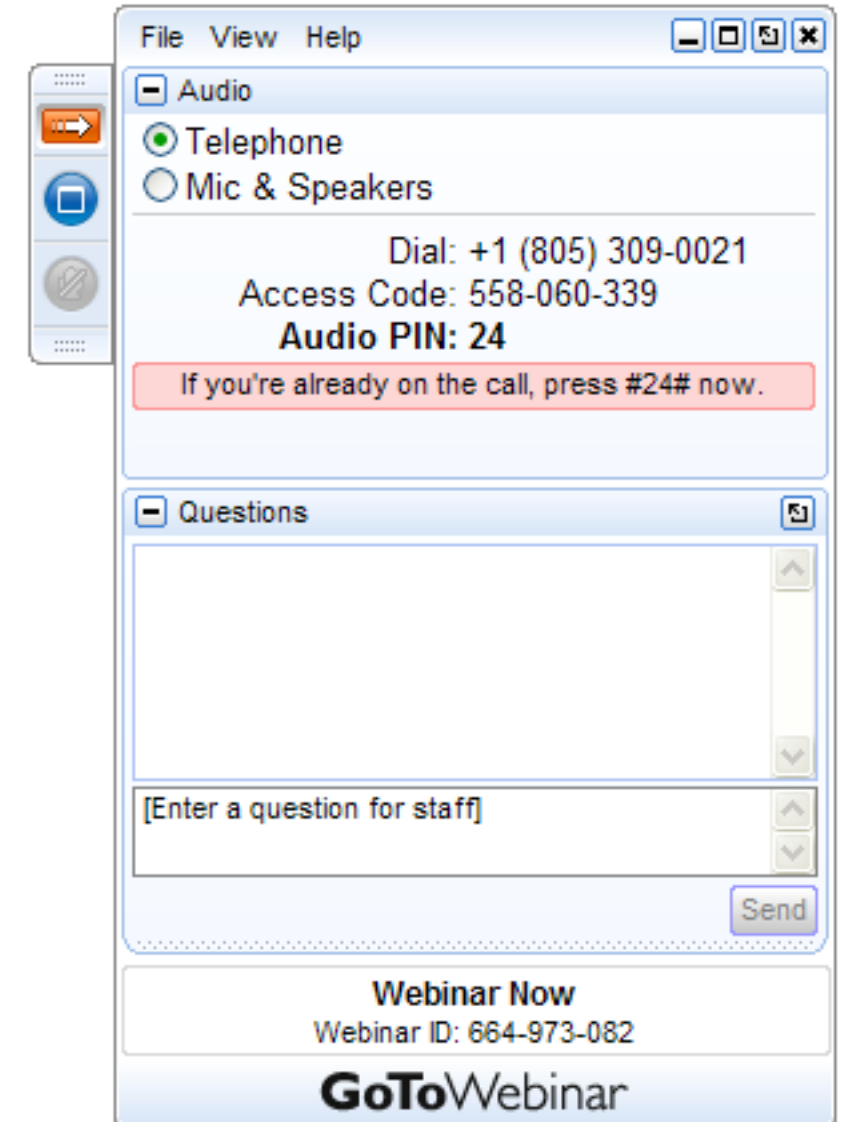
CHBC BRIEFING - HYDROGEN'S ROLE IN THE TRANSPORTATION SECTOR

THE PATH FROM 200 TO 1,000 LIGHT DUTY STATIONS IN CALIFORNIA

DECEMBER 16, 2021

HOUSEKEEPING

- Troubleshooting
 - Contact Emanuel Wagner | ewagner@californiahydrogen.org
- Question & Answers
 - Ask questions using the **Questions Panel** on the right side of your screen.
- Recording & Slides
 - The recording of the briefing and the slides will be available after the event. Registrants will be notified by email.
- Seeking your Feedback
 - Please take our 30 second survey at the conclusion of the briefing



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WEBINAR SPEAKERS



Sandy Berg
Vice Chair
California Air
Resources Board



**Senator Josh
Newman**
California State
Senate



Mik Skvarla
*Government
Relations Advisor*
The Gualco Group



Bill Elrick
Executive Director
Hydrogen and Fuel
Cell Partnership



Salim Rahemtulla
President
PowerTap Hydrogen
Fueling Corp



Lewis Fulton
Director
STEPS, Institute of
Transportation
Studies at the
University of
California, Davis



Steve Ellis
FirstElement Fuel

KEYNOTE SPEAKER



Sandy Berg
Vice Chair
California Air Resources Board

KEYNOTE SPEAKER



Senator Josh Newman
California State Senate

PANEL DISCUSSION

- Submit your question in the Q&A Panel on your right.



**Senator Josh
Newman**
California State
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Transportation
Studies at the
University of
California, Davis



Steve Ellis
*Manager, Outreach
and Customer
Relations*
FirstElement Fuel

UPCOMING VIRTUAL BRIEFINGS:

JANUARY 6 - 200 HEAVY DUTY STATIONS BY 2035, AND A ROADMAP FOR HYDROGEN FUELING CORRIDORS

- *Globally, the heavy-duty sector accounts for less than 10 percent of the vehicle population, yet it contributes approximately 40 percent of vehicle-generated carbon emissions. This session will discuss policies to accelerate the deployment of heavy duty fuel cell vehicles, develop hydrogen fueling corridors, and the need for infrastructure funding. Panelists will also address the benefits of a focus on hydrogen powertrain and fueling infrastructure over that of other ZEV technologies in terms of cost, operational performance, and impact on grid assets.*

JANUARY 13 - CONVERSION OF NATURAL GAS PIPELINES TO HYDROGEN AND HYDROGEN BLENDING – OPTIONS TO DECARBONIZE THE GAS GRID

- With an ever increasing focus on decarbonizing the gas grid, blending hydrogen into the gas grid and converting gas pipelines to hydrogen are becoming options that are being considered in the U.S. and implemented in other countries. This panel will discuss why California is lacking to take action, what other countries are doing, and why hydrogen pipelines are an option to keep the costs of transitioning to a renewable energy economy manageable.

UPCOMING:



CALIFORNIA HYDROGEN LEADERSHIP SUMMIT

- **KICK-OFF RECEPTION: JANUARY 31, 2022**
- **CONFERENCE: FEBRUARY 1, 2022**
- **SHERATON GRAND HOTEL, SACRAMENTO, CA**

The California Hydrogen Leadership Summit will explore the policies, programs and incentives needed in 2022 to accelerate production, use, and storage of hydrogen, which is essential to California's ability to meet emissions goals and address climate protection, air quality, energy resilience and sustainable economic growth needs.

Join leaders from the energy sector, transportation, industry, academia and representatives from California state government, including legislative and administrative staff responsible for implementing climate change, air quality, energy diversity and conservation policies.

DETAILS & REGISTRATION AT: [HTTPS://WWW.CA-HYDROGEN-LEADERSHIP-SUMMIT.COM/](https://www.ca-hydrogen-leadership-summit.com/)

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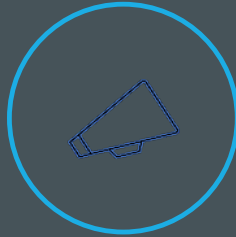
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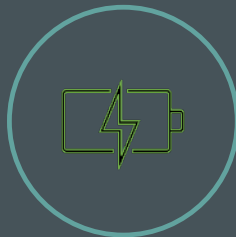
**GOODS
MOVEMENT,
HEAVY-DUTY
TRANSPORT, AND
CLEAN PORTS**



**PUBLIC
TRANSPORTATION**



**ENERGY STORAGE
AND RENEWABLE
HYDROGEN**



**CALIFORNIA HYDROGEN
BUSINESS COUNCIL**

■ **Our Vision:**

- CHBC is committed to advancing the commercialization of hydrogen in the energy and transportation sectors to achieve California's climate, air quality, and decarbonization goals.

■ **Our Mission:**

- Provide clear value to our members and serve as an indispensable and leading voice in promoting the use of hydrogen in the utility and transportation sectors in California and beyond.

■ **Our Principals:**

- Leadership, Integrity, Teamwork and Inclusion.

■ **Our Objectives:**

- Enhance market commercialization through effective advocacy and education of policymakers and policy influencers
- Be "the" trusted "go to" resource on Hydrogen and Fuel Cell technology for policymakers and policy influencers
- Accelerate market growth via networking opportunities and information exchange for the industry and its customers

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INNERGEX

IRD
IRD Fuel Cells LLC



nel



Silver



Innovator



VALUE IN MEMBERSHIP

- Active representation in all relevant California policy making venues
- A trusted and knowledgeable industry resource
- Access to policymakers, policy influencers and industry
- Track record of success
- Platform for industry collaboration
- Learn more:
www.californiahydrogen.org



BECOME A MEMBER AND MAKE A DIFFERENCE
TOGETHER WE CAN INFLUENCE PUBLIC POLICY AND GROW YOUR BOTTOM LINE

CONTACTS

Sara Fitzsimon Nelson

Policy Director

California Hydrogen Business
Council

[Sfitzsimon-
nelson@californiahydrogen.org](mailto:Sfitzsimon-nelson@californiahydrogen.org)

Emanuel Wagner

Deputy Director

California Hydrogen Business
Council

ewagner@californiahydrogen.org

SEEKING YOUR FEEDBACK

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