



[www.colorado-hydrogen.org](http://www.colorado-hydrogen.org)

**Monthly Meeting**  
**15 October 2024**

# Colorado Hydrogen Day Debrief

- Denver 7 video
- Event summary
  - Exhibitors
  - Pictures
- Hydrogen Day next year
- Feedback from everyone

# Denver 7 Morning News (Friday 10/4)

See video at: <https://www.colorado-hydrogen.org/resources>

# Colorado Hydrogen Day Event Sunday October 6th



(#)



# A Special Thanks to Our Team for Their Help!

- Jane & Chris Allo – ElektriGreen



- Michael Grimwade – Black & Veatch



- Brendan Doner – Pilot Flying J and Breathe Transport



- Also thank you to:

- Thomas Howard for the videos and pictures
- Roy Hensler Rising Creek Transport for bringing the Nikola truck
- Shaun Onorato NREL for bringing the Hyundai Nexa
- Chris Wallington GenH2 for donating a TV for the raffle
- Phil Clark for donating the hydrogen safety class for the raffle
- Horizon Educational for donating the three hydrogen “kits”

# Exhibitors

**Boanerges Power** – Multi-Powered Load Balancer (MPLB)

**Breathe Transport** – FCEV rental including hydrogen

**CCIA** – Colorado Cleantech Industries Association

**Colorado Department of Transportation (CDOT)**

**Clean H2** – Enapter Electrolyzer Distributor

**Colorado Energy Office**

**Colo Hydrogen Network**

**CSU** – Prime contractor for the three fuel-station grant

**Czero** - Engineering services and contract R&D

**DriveClean** – A DoE coalition to accelerate the adoption of clean transportation

**ElektrikGreen** – Hydrogen fueling and home energy storage

**Element 1** – Hydrogen detection tape and sensors

# Exhibitors

**Emerson** – Hydrogen regulation, control and measurement

**EPC** – Fuel station design and manufacture

**GenH2** – Hydrogen liquefaction and transport

**Horizon Educational** – Educational kits, curriculum and RC car racing

**New Day Hydrogen** – Fuel station deployment

**Nikola** – Class-8 hydrogen trucks

**NREL** – National Renewable Energy Labs

**Oil & Public Safety** – Retail hydrogen fueling regulation

**Omitz** – Hydrogen safety consulting and training

**Plastic 2 Green Inc** – Turning waste plastic to energy

**Spark Ionix** – TuffBrane™ Anion Exchange Membrane

**Steelhead** – Pressure tanks and storage solutions

Raffle in the lobby  
Cindy & Brian DeBruine



Hydro Building Lobby



Brian DeBruine  
CHN

Tom Pacheco  
CDOT

Seth Terry  
New Day Hydrogen

Maria Eisemann  
Colo Energy Office

John Cornish  
EPC

Evan Veatch  
CSU

(Buford Barr  
Missing)





**Drive Clean** – Steve Trowbridge & Quin O’Brien  
**CDOT** –Tom Pacheco

Omitz  
Phil Clark





**NREL**  
Shaun Onorato (left)

**Gary Thorson**  
Rising Creek Transport (right)



**Czero**

# ElektrikGreen

# Boanerges



# Breathe Transport Toyota Mirai Rental With Hydrogen



# CCIA – Colorado Hydrogen Network – Horizon Educational





DENVER7 | NEWS

## HYDROGEN CARS

THREE FUEL STATIONS COMING TO COLORADO

**ElektrikGreen  
Toyota Mirai**



**ElektrikGreen**  
Jane Allo



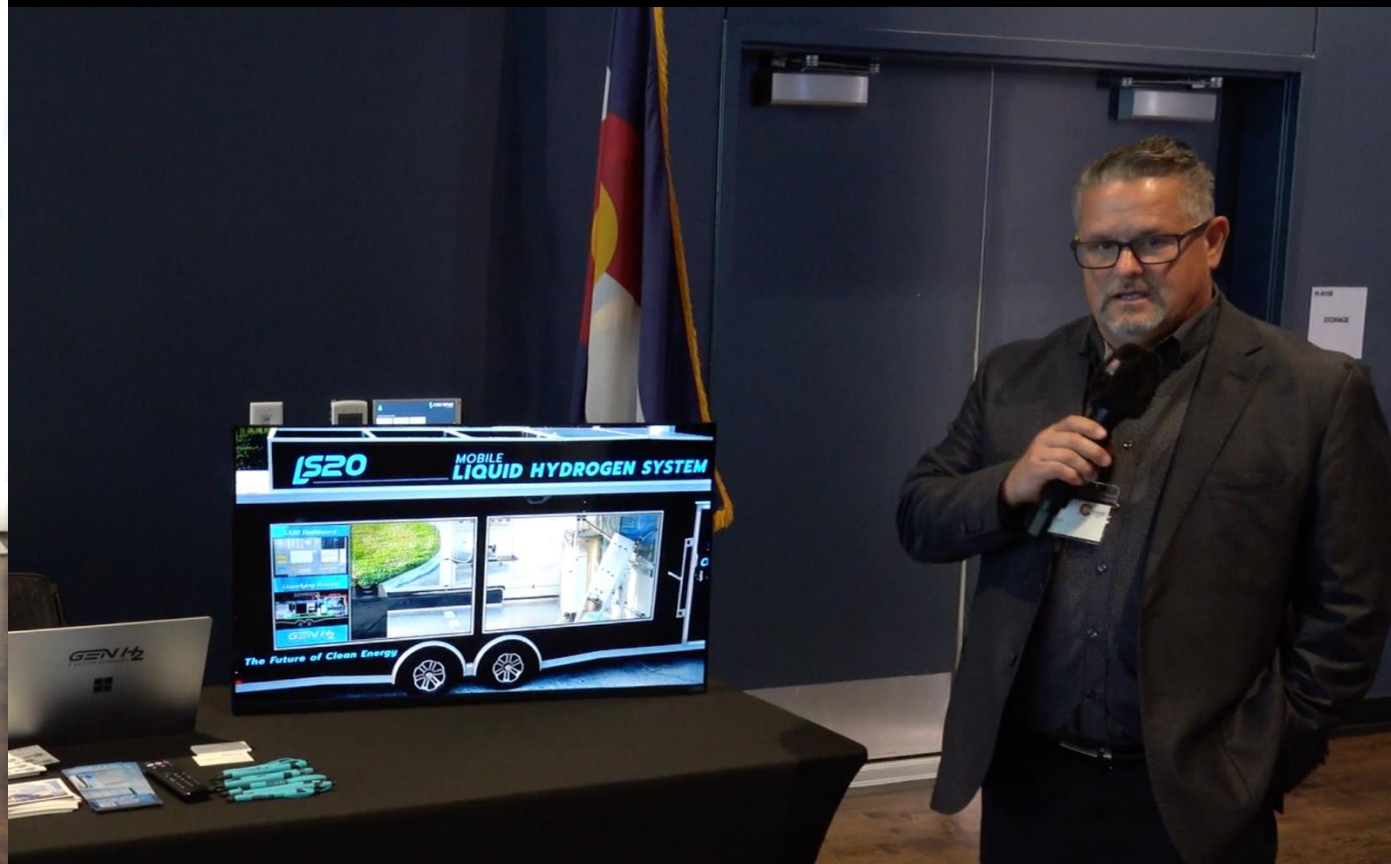
**Boanerges**  
Terrence Lovett





Steelhead

GenH2  
Chris Wallington





element  
one

Know leaks. Know where. Know *now*.

**COMING IN 2025!**  
Low-cost IoT Mesh Network!

Deploy system-wide to immediately detect leak sources and lower costly downtime.

Companies that Use element one Systems	Benefits
✓	Reduce downtime
✓	Miss fewer leaks
✓	Increase safety
✓	Reduce Hydrogen loss
✓	Increase maintenance efficiency

- Rapidly identifies leaks at their source
- Can be monitored remotely
- Very low-cost
- Reacts only to Hydrogen
- Low to no power requirements

Element One  
David Pearman

Nexo H2Day.mp4



**Hyundai Nexo**  
Courtesy NREL

# ElektrikGreen Hydrogen Fueler







 ElektrikGreen



ElektrikGreen



**ElektrikGreen**

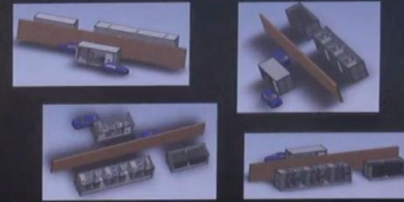
H2Go Small Hydrogen Refueler



"First in the world" proprietary hydrogen fueling system capable of producing 350 Bar and 700 Bar pressures while storing hydrogen at low pressure.

All inclusive trailer or containerized fueling stations.

H2Go Large Hydrogen Refueling Station



ElektrikGreen.com | [info@ElektrikGreen.com](mailto:info@ElektrikGreen.com) | (720) 515-5670

**ElektrikGreen**  
Chris Allo (left)





**Nikola Class-8 Hydrogen Fuel Cell Truck  
Rising Creek Transportation**





**Nikola Class-8 Hydrogen Fuel Cell Truck**  
Roy Hensler Rising Creek Transport (Left)



# Feedback From the Group

- Event hits and misses?
- Length of the event?
  - 7 hours seemed too long
- Day of the week?
- Food or other amenities?
- Success having booths in the lobby?.

# Advertising

- Google Ads
- CHN mailing list
- Climate Reality mailing list
- Boulder Daily Camera
- TV-7 morning spot.

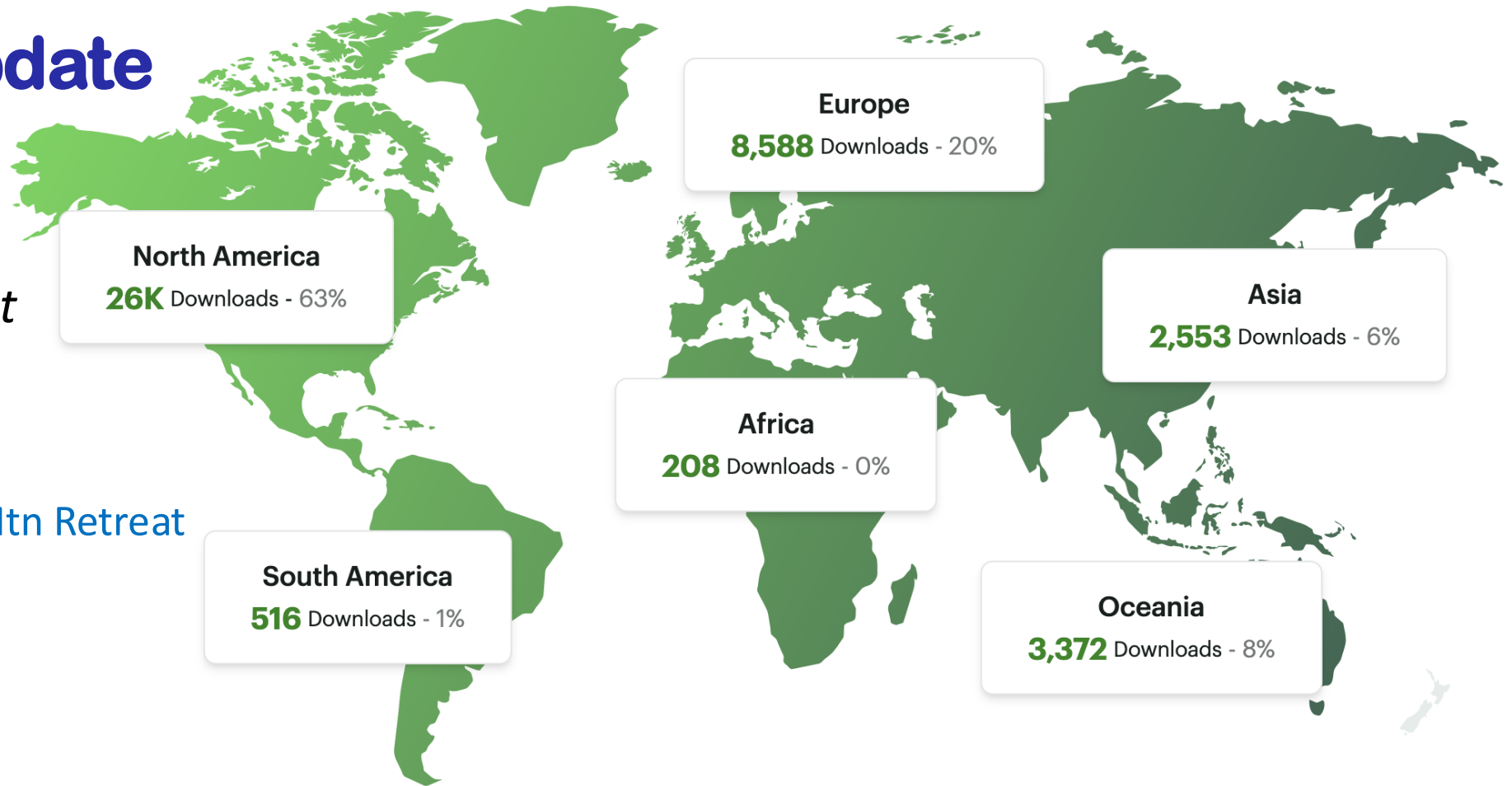
# Next Year

- Drive more attendance
  - Advertising (build relationships throughout the year)
    - Print, Colo Public Radio, TV (Chan 4, 5, 7, 9, 13, 31)
    - Paid advertising (billboards, ads, etc)
    - Help us with PoC's if you can
  - Other calendars and mailing lists (need suggestions)
  - Get the Governor and/or Will Toor to attend
  - Help from environmental groups?
  - More event attractions?
- Other suggestions from the group
  - Venue? Date?.

# Podcast Update

## The *HydrogenNowCast*

- 87 episodes
- 41,220 downloads
- Recent episodes
  - Coming soon – H2 Mtn Retreat
  - TFL Podcast
  - Hydrogen transport
  - Plug Power



HydrogenNowCast



Podcast



*Everyone – Please subscribe and give us a rating!*



HydrogenNowCast



Podcast