

**DOCKETED**

|                         |   |
|-------------------------|---|
| <b>Docket Number:</b>   | 20-IEPR-02  |
| <b>Project Title:</b>   | Transportation  |
| <b>TN #:</b>            | 233699  |
| <b>Document Title:</b>  | Presentation - Air Liquide and Hydrogen Energy                |
| <b>Description:</b>     | Presentation by Dave Edwards, AirLiquide and Hydrogen Council |
| <b>Filer:</b>           | Raquel Kravitz  |
| <b>Organization:</b>    | Air Liquide   |
| <b>Submitter Role:</b>  | Public  |
| <b>Submission Date:</b> | 7/1/2020 10:18:12 AM  |
| <b>Docketed Date:</b>   | 7/1/2020  |



**Dave Edwards**

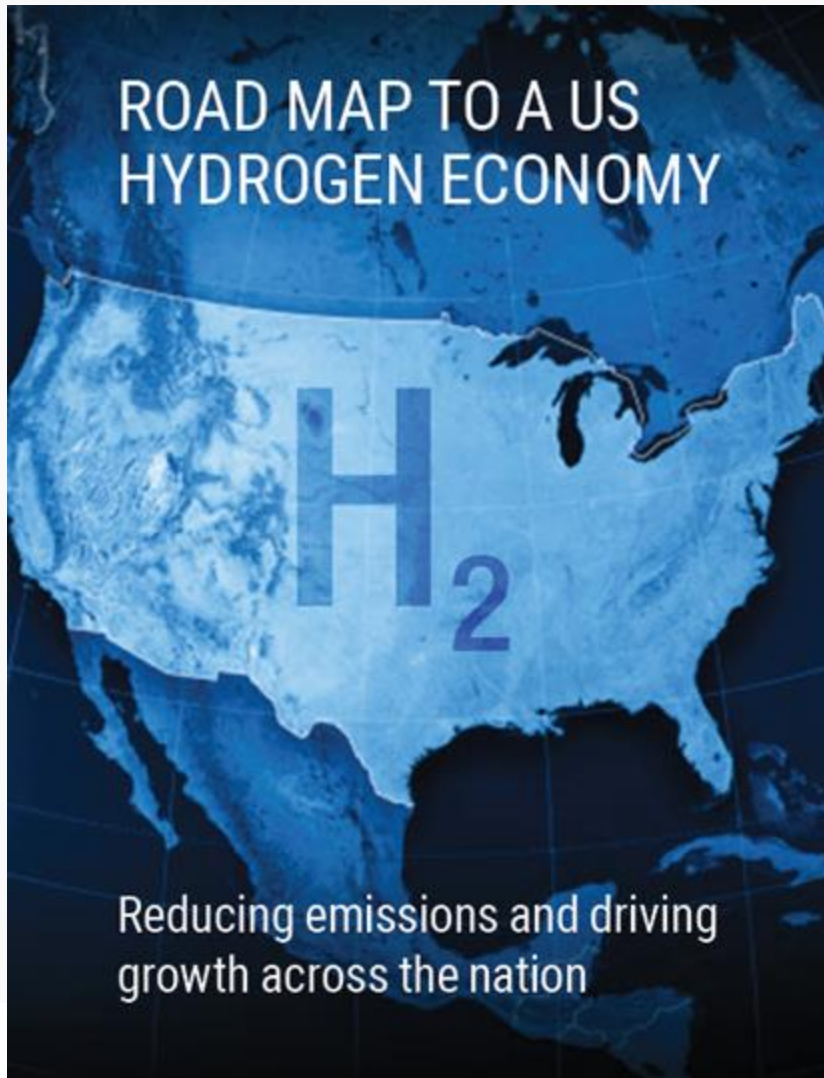
---

**Air Liquide and  
Hydrogen Energy**

---



# Reference: US Hydrogen Roadmap

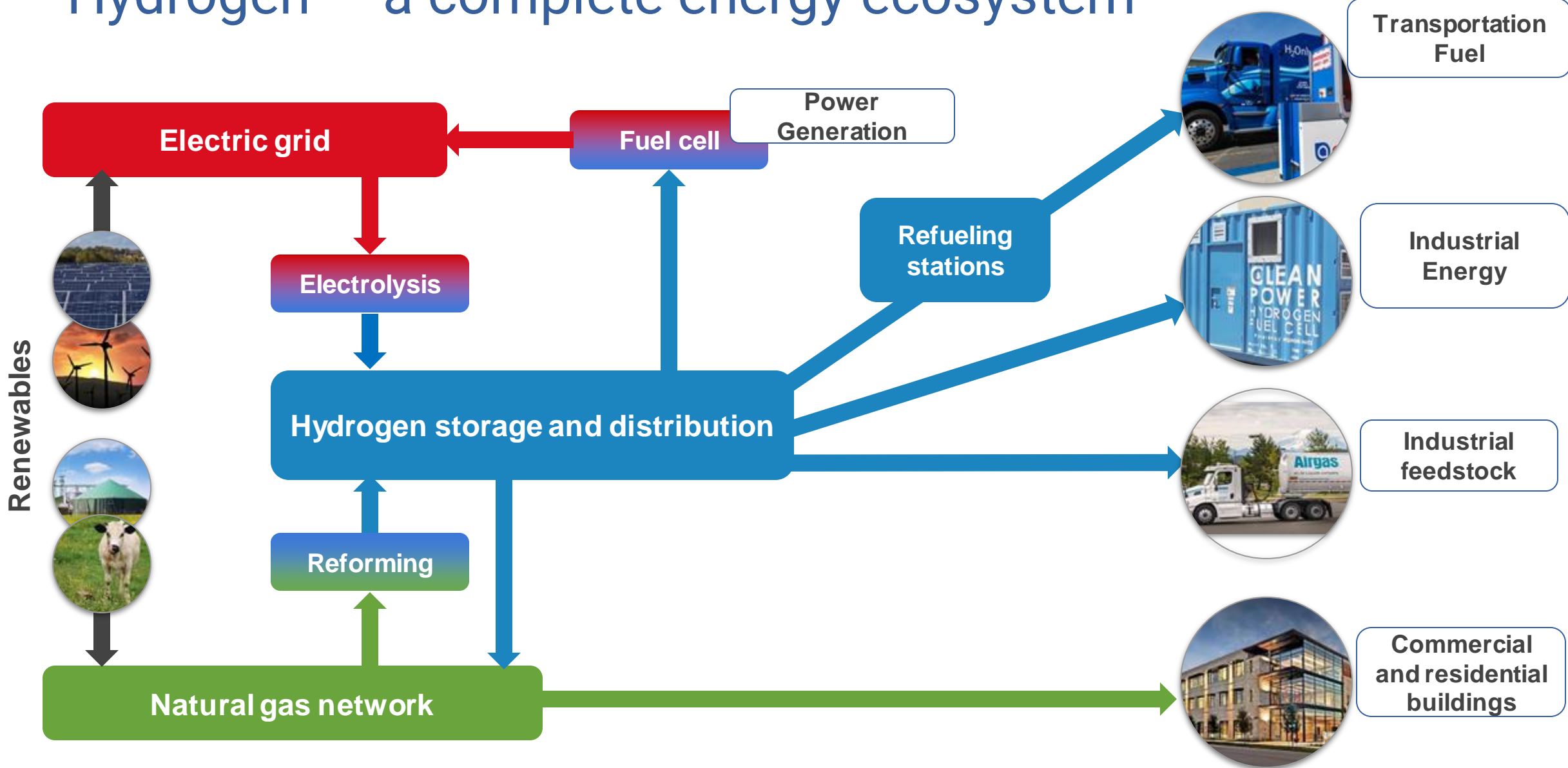


This report was developed with input from 20 companies and organizations:

- Air Liquide
- Air Products
- American Honda Motor Co., Inc
- Audi
- Chevron
- Cummins Inc.
- Daimler AG: Mercedes-Benz Fuel Cell GmbH/Mercedes-Benz Research & Development North America
- Engie
- Exelon Corporation
- Hyundai Motor Company
- Microsoft
- Nikola Motors
- Nel Hydrogen
- Plug Power
- Power Innovations
- Shell
- Southern California Gas Company
- Southern Company Services, Inc.
- Toyota
- Xcel Energy

Reference: [ushydrogenstudy.org](https://www.ushydrogenstudy.org)

# Hydrogen – a complete energy ecosystem





# Air Liquide LH2 new investments in North America



## Nevada



Air Liquide is building (in North Las Vegas) the first large scale liquid hydrogen production plant dedicated to the supply of Hydrogen energy markets.

Through the investment, Air Liquide will enable the large-scale deployment of hydrogen mobility on the West Coast by 2022. The site will provide a reliable supply solution and enough to fuel for 40,000 FCEVs in the West Coast markets..



Air Liquide will install a 20 MW electrolyzer that increases by 50% the current capacity of its hydrogen facility located in Bécancour, Québec (Canada). This new PEM electrolyzer, with Hydrogenics technology, will be the world's largest and will serve the increasing demand for low-carbon hydrogen.

## Bécancour



CLEAN  
MOBILITY  
by  Air Liquide

# Thank you!

[david.edwards@airliquide.com](mailto:david.edwards@airliquide.com)

 Air Liquide