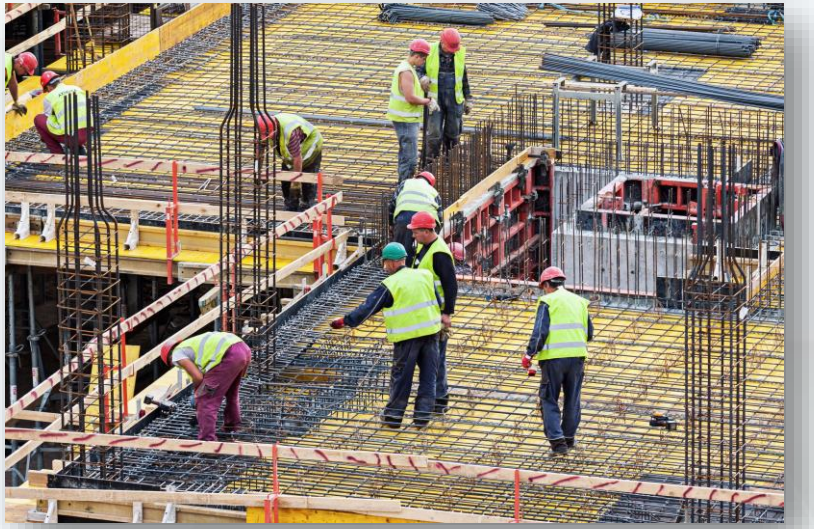
Ohio: Poised to lead the hydrogen powered zero-emission future…



Every component of a clean hydrogen hub creates opportunity for Ohio and Ohioans…

SARTA Receives Federal Grant for Pollution Free Buses

The Stark Area Regional Transit Authority says it will be the Only public transit system in Ohio next year to have a fuel-cell Bus that will emit no pollution.

The office of Rep. Bob Gibbs told SARTA that the FTA Has approved a $2.7 million grant to buy a hydrogen fuel cell bus.

September 24, 2014

Ask anyone to identify the epicenter of innovation in zero-emissions transportation and they are likely to answer San Francisco, Seattle, San Diego, Denver, Denmark, Germany, Japan or China.

They would all be wrong.

Ground zero of the alternative fuel revolution is located in the middle of a quiet neighborhood in Canton, Ohio where SARTA operates one of the largest fleets of hydrogen fuel cell-powered (HFC) transit vehicles in North America.

The Washington Post

Transportation

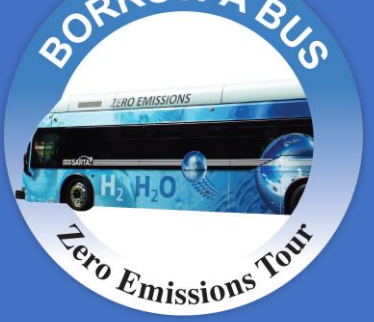
A hydrogen-powered bus goes to Washington

But only for a visit, as officials from an Ohio public transit agency spread the word about zero emissions.

SARTA's borrow a bus zero-emissions tour begins eight-stop swing through California

Transit managers will be able to review hundreds of thousands of miles worth of real-world data SARTA has collected while operating HFC buses on the streets of Stark County in Canton, Ohio, in a multitude of various weather conditions over the past 10 years. *Mass Transit*, June 7, 2021

BORROW A BUS



Zero Emissions Tour

Since making its first trip to the Central Midlands Transit Authority in Columbia, S.C. the BaB tour has visited 50 cities in the U.S. and Canada including Washington, D.C., Alexandria, Va., Chicago, Ill., Portland, Ore., Seattle, Wash., Tampa, Fort Lauderdale, and Orlando, Fla., Lansing, Mich., Los Angeles, CA, San Francisco, CA, Sacramento, CA and New Brunswick, N.J. Next up: New York City, Philadelphia, Ann Arbor, Hawaii, Australia, Equator and the invites continue to pour in…

Concern about climate change is driving interest and investment in clean hydrogen across the globe…

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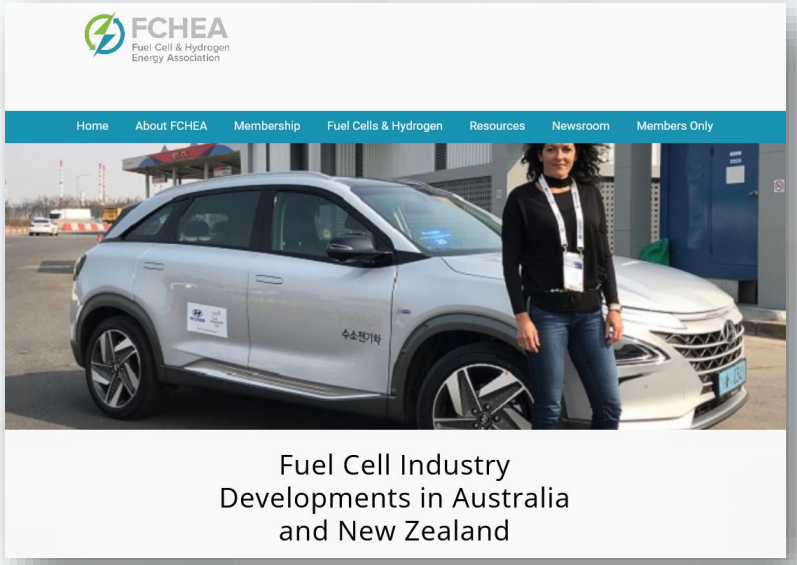
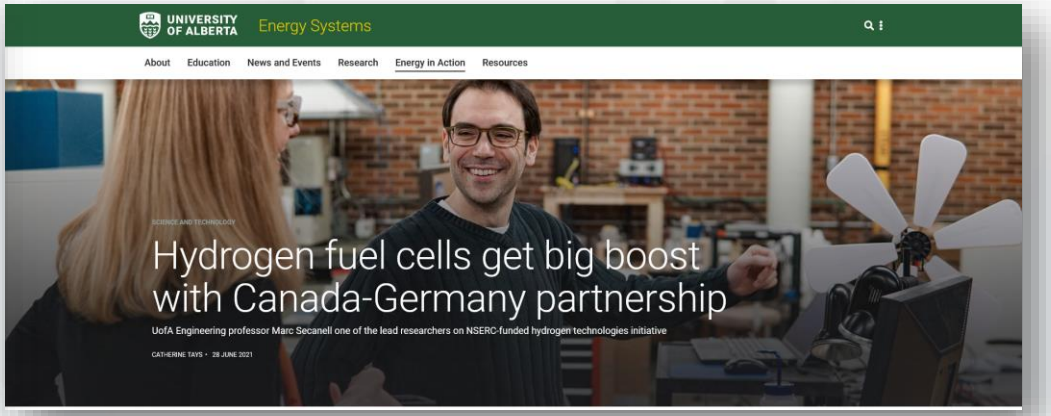




Cummins, once synonymous with “diesel,” is going all in on clean hydrogen…

PRODUCTS PARTS AND SERVICE INDUSTRIES ABOUT NEWS CAREERS SUPPORT

NEW POWER Overview Applications Technology About Hydrogen

Innovations in Focus

Worldwide, Cummins has over 500 electrolyzers in operation, and over 2,000 fuel cells powering hundreds of vehicles. The stats speak for themselves. Cummins has the technology and real-world experience to fuel the future.

Largest PEM Electrolyzer in the United States

Cummins using hydrogen technology to enable renewable energy for public utilities in Washington state.

Cummins leads in SOFC technology

Cummins is quickly becoming the leader in a power technology for commercial and industrial uses that could be an important bridge to a carbon-neutral future and beyond.

Hydrogen fuel cell trains accelerating

Cummins-powered hydrogen fuel cell trains are heading further down the track in Austria.

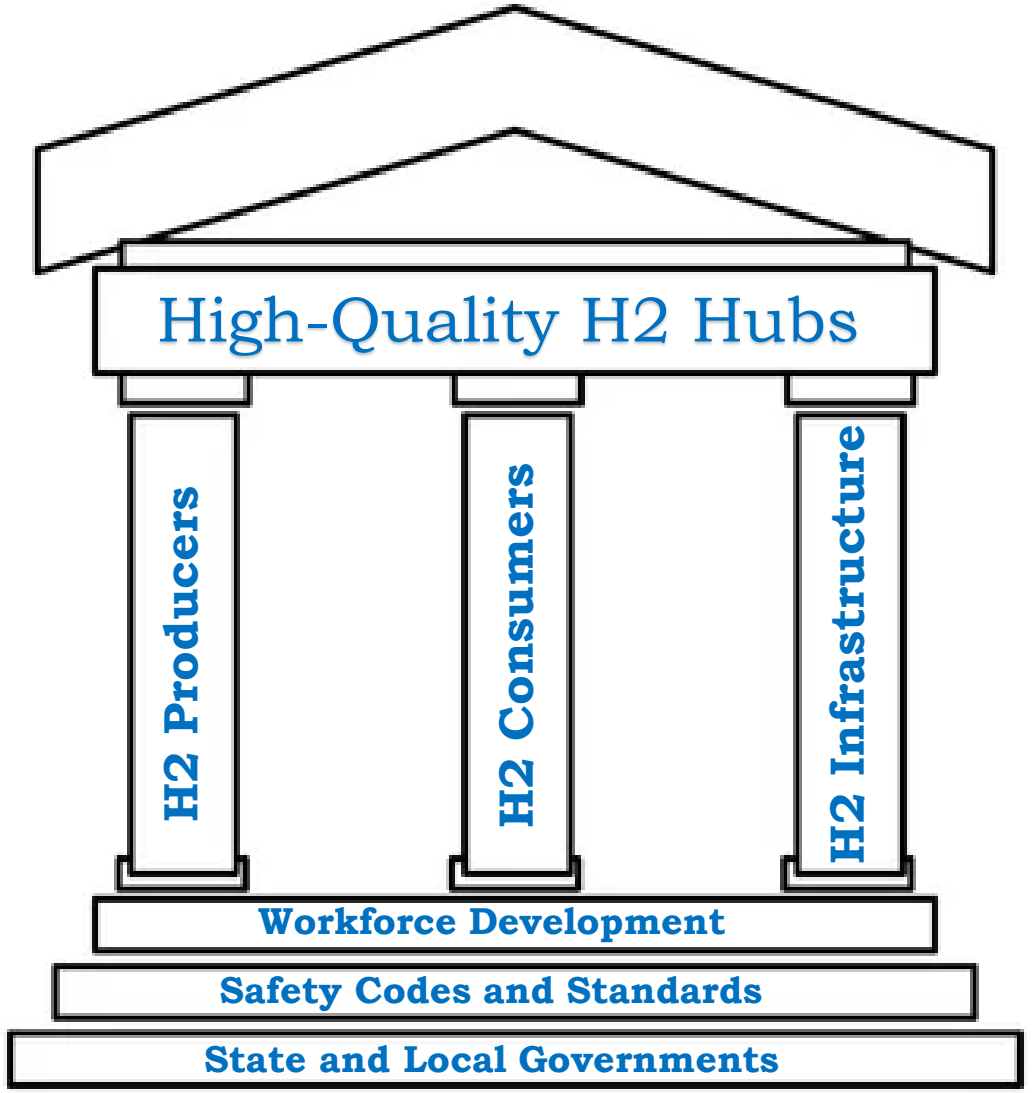
Microsoft, Intel leading tech company migration to clean hydrogen-powered fuel cells for power storage

The dawn of the H2 economy has arrived.

Ohio has the opportunity to lead, grow, and prosper…

Will we seize it, or be left standing by the side of the road as the zero-emission economy drives by?

U.S. DEPARTMENT OF ENERGY Clean Hydrogen Hub Scope and Process



Example Stakeholders

H_2 Producers & Source

- Renewables
- Fossil Fuels (+CCS)
- Nuclear

H_2 Consumers

- Electrical power production
- Industrial use
- Residential and commercial heating
- Transportation

H_2 Infrastructure Operators

- H_2 bulk storage
- H_2 compatible pipelines
- Fueling Stations
- H_2 delivery solutions

Matchmaker Process