

Are we truly running on empty?

Like your favorite TV show, fossil fuels won't last forever. But you can't just switch to a new fuel overnight. That's why Air Products, in conjunction with the Da Vinci Science Center and other contributors, developed the hydrogen fuel bus program. We want to get out in the community and educate people about the benefits of using hydrogen fuel.

Where can we still find oil*?



What about gas stations? Where will I get coffee?

Don't worry – hydrogen stations will be just like gas stations. Safe, convenient and easy to use. And we should know: Air Products has installed more than 85 stations in 15 countries around in the world. They don't have coffee yet, but we're working on that.

* (Author, Paul Mann, M.K. Horn, I. Cross, et al. This image is in the public domain, by instructions of the authors.)

HydroJen™

fast facts

- Hydrogen makes up 90% of the known universe, and it is the third most abundant element on Earth.
- Hydrogen is colorless, odorless and nontoxic. It does not produce acid rain, deplete the ozone or produce harmful emissions.
- Hydrogen has the highest combustion energy per pound relative to any other fuel, meaning it is more efficient based on weight.
- Most hydrogen is currently produced out of natural gas or it can be produced from water.
- Today, hydrogen is being used to fuel buses, cars, scooters and forklifts. Hydrogen is also used as a fuel for the NASA space shuttle.
- Air Products is the leading producer of hydrogen and is involved in fueling station projects around the world.

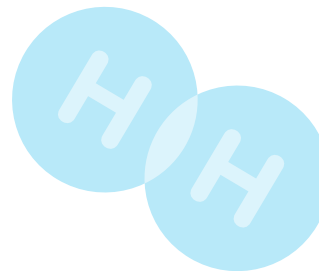
Hydrogen.

The fuel of the future—today.



With HydroJen™
Your guide to hydrogen energy

Program Contributors:



The most abundant fuel in the world.

Really?

Riding in a hydrogen-powered bus never looked so cool.

There are two of them in the Lehigh Valley and they are truly amazing. They may look like regular buses, but inside is a state-of-the-art Ford hydrogen-powered engine that delivers up to a 99.7 percent reduction in CO₂. Any bus that does that is one we want to get on. See if you can spot them. They're headed to the future.

How can you get involved?

Make sure you ride on the hydrogen bus while at Lehigh Valley Hospital's Cedar Crest Campus. There's also a hydrogen-powered bus operating on the Air Products campus in Allentown, PA. And visit the Da Vinci Science Center to learn more about hydrogen. Discover how and why hydrogen should be developed as a fuel of the future through the center's interactive hydrogen exhibit and programs coming soon. Let's face it – gasoline tells a sad story. It's much more fun to learn about hydrogen.

This brochure can't explain it all.

You may still be curious about hydrogen and all of its benefits and uses as an alternative fuel. Don't worry – we're the experts. We've got it all explained on our website. Just visit HydrogenFutureToday.com, where there is also a fun trivia quiz.

Hydrogen Fueling Station
Air Products and Chemicals, Inc.
7201 Hamilton Boulevard
Allentown, PA 18195-1501
800-654-4567

Da Vinci Science Center
3145 Hamilton Boulevard Bypass
Allentown, PA 18103
484-664-1002
Open Monday through Saturday 9:30 a.m. to 5:00 p.m.
Sunday 12:00 noon to 5:00 p.m.

Yes, hydrogen is everywhere.

It's in the air we breathe, the water we drink, and now in the cars we drive. And guess what? When you burn it, its main byproduct is water. Much better than that polluting exhaust that currently comes out of most tailpipes. We hate that stuff.

