



BayoTech®

# HYDROGEN FUELING SIMPLIFIED

*Accelerating Your Transition  
to Zero-Emission Transit*

[www.bayotech.us](http://www.bayotech.us)

Making Hydrogen Easy®

# JOIN THE HYDROGEN REVOLUTION



## SUPPORTING SUSTAINABLE FLEETS

Transit agencies have options when it comes to zero-emission buses. **So why choose hydrogen?** Deployments around the world have proven that hydrogen fuel cell buses offer the best of both worlds, combining the operating performance of traditional diesel buses with zero-emission tailpipe emissions of battery electric buses.

## ADVANTAGES OF HYDROGEN POWERED TRANSIT FLEETS



Hydrogen feeds a fuel cell, which powers the bus. Pure water vapor is the only tailpipe emission.



Over a 5 year period, a hydrogen bus can remove over 1 million pounds of CO<sub>2</sub> from the atmosphere.



With a range of 300 miles between refueling, there's no compromise in service.



Hydrogen buses only take minutes to refill, unlike battery buses that can take hours to recharge.



Even in extreme hot or cold, hydrogen buses deliver optimum performance no matter the weather.

# BAYOTECH PRODUCT PORTFOLIO

Whether you're trialing your first fuel cell bus or operating a full fleet, BayoTech has the right hydrogen fueling solution. BayoTech's flexible, modular and scalable infrastructure solutions grow with your fleet. Leave the details of hydrogen supply to us and focus on what you do best – providing exceptional transit services.

## Pilot Programs (1-2 Buses)

- To fuel your first hydrogen buses, rely on BayoTech's G-Pak and GTM gas transport modules.
- Directly fuel your buses from the lightweight, compact trailers without additional infrastructure. The trailers are easily towed by a standard pickup truck and refueled at a local BayoTech hydrogen hub.

## Small Demonstration Fleets (3-10 Buses)

- As your fleet grows, BayoTech's hydrogen hub network can provide you with a steady supply of hydrogen in just the amount you need. With regularly scheduled deliveries from our local hubs you never have to worry about running out of fuel.
- Hydrogen is delivered, stored, and dispensed onsite via BayoTech's high-capacity HyFill™ transport trailers.

## Full Fleet Conversion (10 or More Buses)

- With large fleets you'll need hydrogen onsite and easily accessible. Our comprehensive line of storage and dispensing solutions offer a compact footprint and fast refueling.
- For fleets that require onsite production, BayoTech can work with you to develop your own hydrogen production system. Our H2-1000 produces 1,000 kg of hydrogen per day in a small-scale system that can fit in most transit depot facilities.



▶ HYDROGEN DISPENSING



▶ HYFILL™ HYDROGEN TRAILER

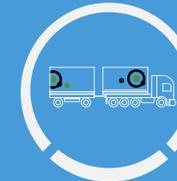


▶ ONSITE HYDROGEN PRODUCTION

## HYDROGEN FUELING MADE EASY WITH BAYOTECH



Full Fleet Conversion  
Onsite hydrogen production with BayoTech's highly efficient, compact & scalable hydrogen hubs.



Small Demo Fleets  
Hydrogen delivery, storage, and dispensing via high-pressure, high-capacity transport trailers.



Pilot Programs  
Direct fill buses from BayoTech's gas transport modules. Pay for hydrogen by the kilogram with no capital overhead.

## THE BAYOTECH ADVANTAGE

### GROWING WITH YOUR FLEET

BayoTech is your trusted hydrogen supply partner as your fleet grows. Start with direct hydrogen delivery, or move straight to onsite storage, compression and dispensing. As your fleet and hydrogen demand increases, transition to compact, efficient onsite hydrogen production.

### HYDROGEN ON-DEMAND

Utilizing our distributed hydrogen hub network, hydrogen is produced close to demand so you always have a reliable, accessible supply in the just the quantities you need. If your supply source is disrupted, you can be sure there's a BayoTech production hub close by to meet your hydrogen needs.

### SUPPORTING GREEN INITIATIVES

BayoTech hydrogen is produced more efficiently and with a lower carbon intensity than traditional methods of hydrogen production. Produced using local resources, our hydrogen offers a cleaner alternative to diesel. Paired with local delivery from one of our hydrogen hubs, we further reduce the carbon emissions compared to centralized hydrogen delivered over long distances.

### CAPITAL SENSITIVE

BayoTech's flexible range of financing solutions help reduce the upfront capital investment or long-term commitments typically associated with large-scale hydrogen producers. Pay for hydrogen by the kilogram and scale infrastructure as your fleet grows.



# YOUR TRUSTED HYDROGEN SOLUTIONS PROVIDER

Making Hydrogen Easy®

# LOW-COST, LOW-CARBON HYDROGEN

BayoTech, an innovator in hydrogen solutions, is committed to addressing the global need for low-cost, low-carbon hydrogen.

BayoTech's steam methane reformers are more energy efficient than traditional hydrogen production. Our proprietary design leverages high heat recuperation to achieve greater energy efficiency, saving money and reducing carbon footprint.

**Looking to go greener?** BayoTech's systems can use biomethane (RNG) derived from biogas as a feedstock, significantly reducing the carbon intensity of hydrogen production. BayoTech partners with leaders in carbon capture technology that integrate with our hydrogen generation systems for even lower carbon intensity.

**Contact us today at [www.bayotech.us](http://www.bayotech.us).**

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