



HYDROGEN SOLUTIONS FOR PORTS

Making cleaner ports a
reality with hydrogen.

www.bayotech.us

Making Hydrogen Easy®

REDUCING AIR EMISSIONS AT PORTS

Ports are essential to the economy, bringing us the goods we rely on everyday. But this vital function often comes at significant environmental cost.

Port activities rely on a wide range of vessels and vehicles with diesel and other fuels, which are significant source of air pollution, and serious impacts on the environment and human health.

As port managers work to lower emissions of their operations for the benefit of nearby communities, hydrogen is coming to the forefront as the ultimate solution.

HYDROGEN POWERED PORT VEHICLES

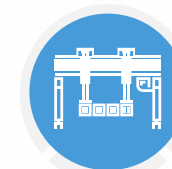
Zero-emission hydrogen energy provide the long run time, quick refueling, and quiet, efficient power required to meet the fast-paced and constantly moving demands of ports. Hydrogen energy fuel can be used for propulsion and auxiliary services, transporting cargo, loading and unloading of ships, generating electricity for lighting, security, electronics, and much more.



Vessels



Shore
Power



Rubber Tire
Gantries



Cargo
Handling



Forklifts



Yard
Trucks



Drayage
Trucks



Rail
Switchers



Emergency
Power



Lighting



Communications

HYDROGEN FUELING SOLUTIONS

Ports provide an ideal environment for development of a hydrogen ecosystem, offering centralized production, storage and refueling sites for various applications.

Transitioning ports to hydrogen energy has never been easier. Compact in size and quick to site, BayoTech's onsite hydrogen generation systems tap into existing infrastructure and biogas resources to produce low-cost, low-carbon hydrogen. Combining onsite hydrogen production with the 2-3x greater efficiency of hydrogen fuel versus traditional fuels can radically improve air quality at ports.

**Ready to join the hydrogen revolution?
Contact BayoTech today to get started.**

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