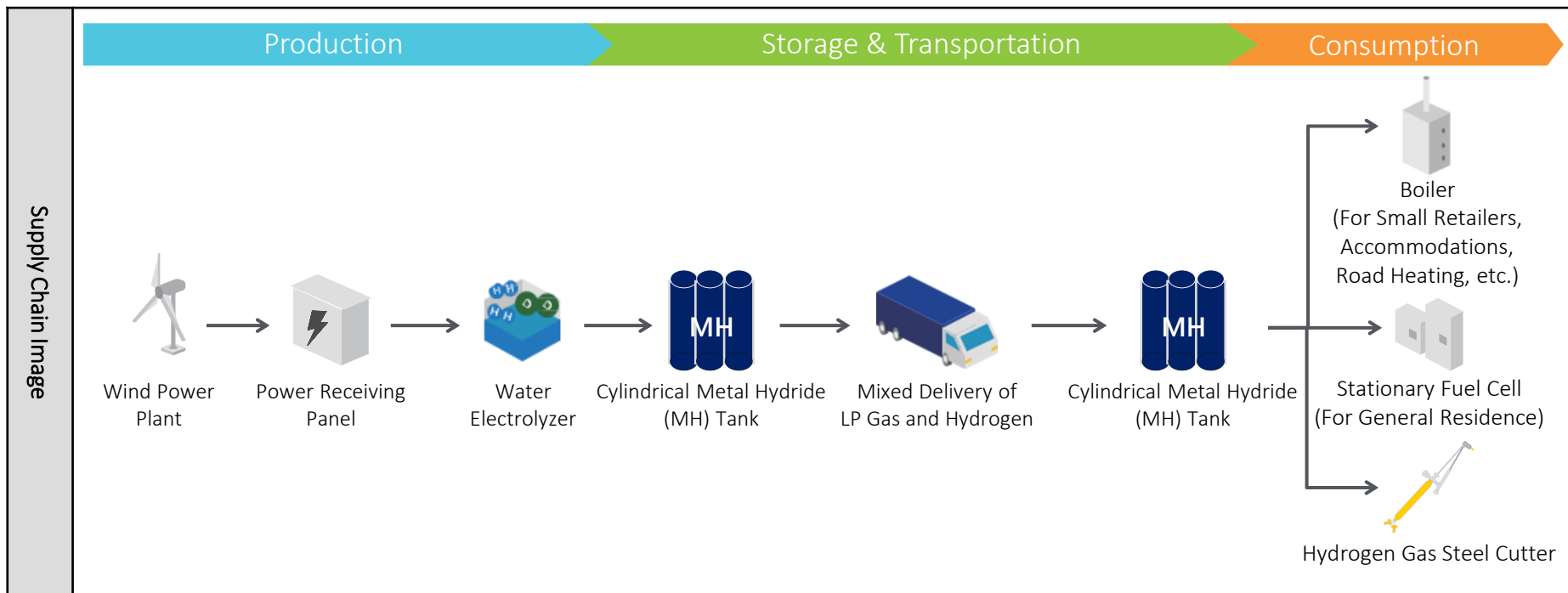


Project to Demonstrate a Model That Delivers Hydrogen at Low Pressure in Cylindrical Metal Hydride Tanks to Residences and Small Businesses Utilizing an Existing Gas Delivery Network (Muroran City, Hokkaido, Primary Partner: Muroran gas Corp.)

Project Overview and Supply Chain Image

Overview	<p>To achieve regional decarbonization, the following four demonstrations relating to a low-cost renewable energy hydrogen supply chain will be conducted:</p> <p>(1) Improving the operating rate of a water electrolyzer by producing hydrogen in accordance with fluctuations in wind power generation.</p> <p>(2) Reducing delivery costs by utilizing the existing LP gas distribution network.</p> <p>(3) Increasing hydrogen consumption by diversifying hydrogen-using applications and hydrogen consumers.</p> <p>(4) Reducing hydrogen costs through effective utilization of by-product oxygen.</p>		
Municipality	Muroran City, Hokkaido	Time Period	FY2022-2025 (Planned)



(Source: Muroran gas Corp. project documents)