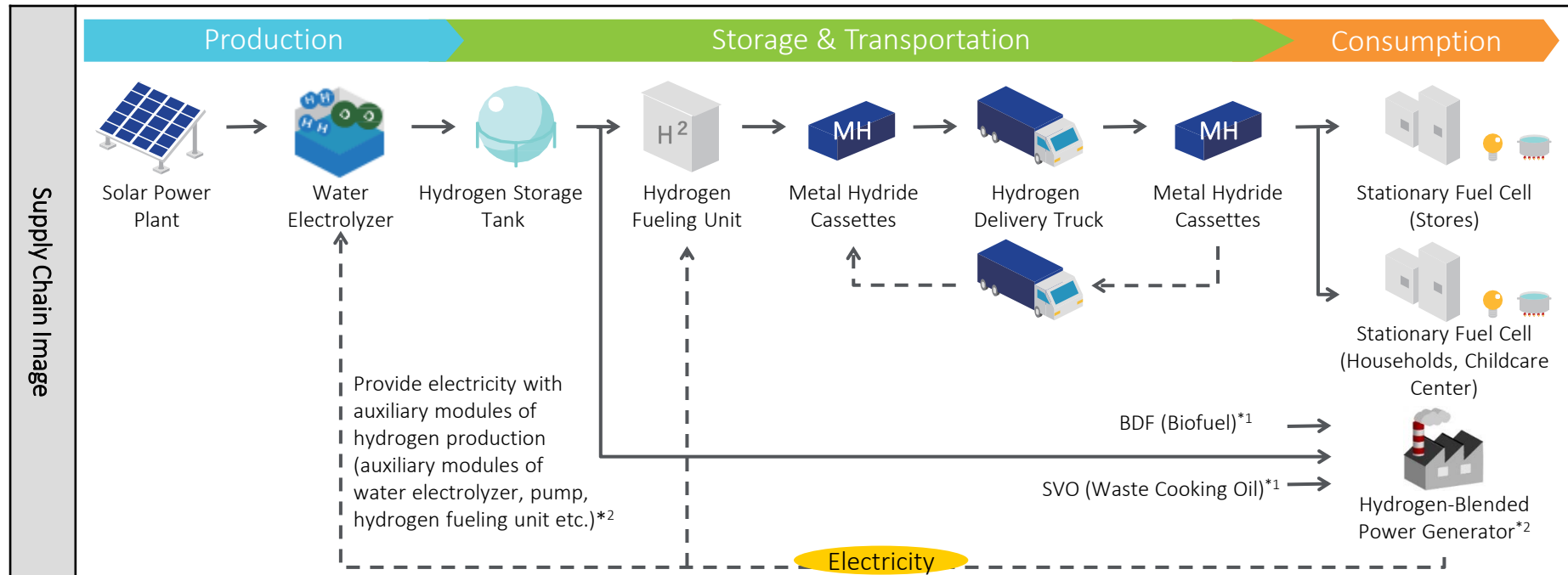


Project to Demonstrate a Low-Carbon Hydrogen Supply Chain Using Fuel Cells and an Existing Logistics Network in Tomiya, Miyagi Prefecture (Tomiya City, Miyagi Prefecture, Primary Partner: Hitachi, Ltd.)

Project Overview and Supply Chain Image

Overview	<p>This project performs the following three demonstrations related to supply chains in order to actualize consumer use of hydrogen:</p> <p>(1) Low-carbon and low-cost transportation using the existing logistics network</p> <p>(2) Use of hydrogen in the hours from evening to night when electricity generated from solar power decreases</p> <p>(3) Building a local hydrogen supply and demand system</p> <p>In FY2021, the project installed a new hydrogen-blended power generator to provide electricity for auxiliary modules needed for hydrogen production in order to strengthen supply chains in the event of emergencies</p>		
Municipality	Tomiya City, Miyagi Prefecture	Time Period	FY2017-FY2021



*1 BDF and SVO are out of scope of this project

*2 Supplying electricity for auxiliary modules of hydrogen production by hydrogen mixed-combustion power generator has started in FY2020

(Source: Hitachi Ltd. project documents)