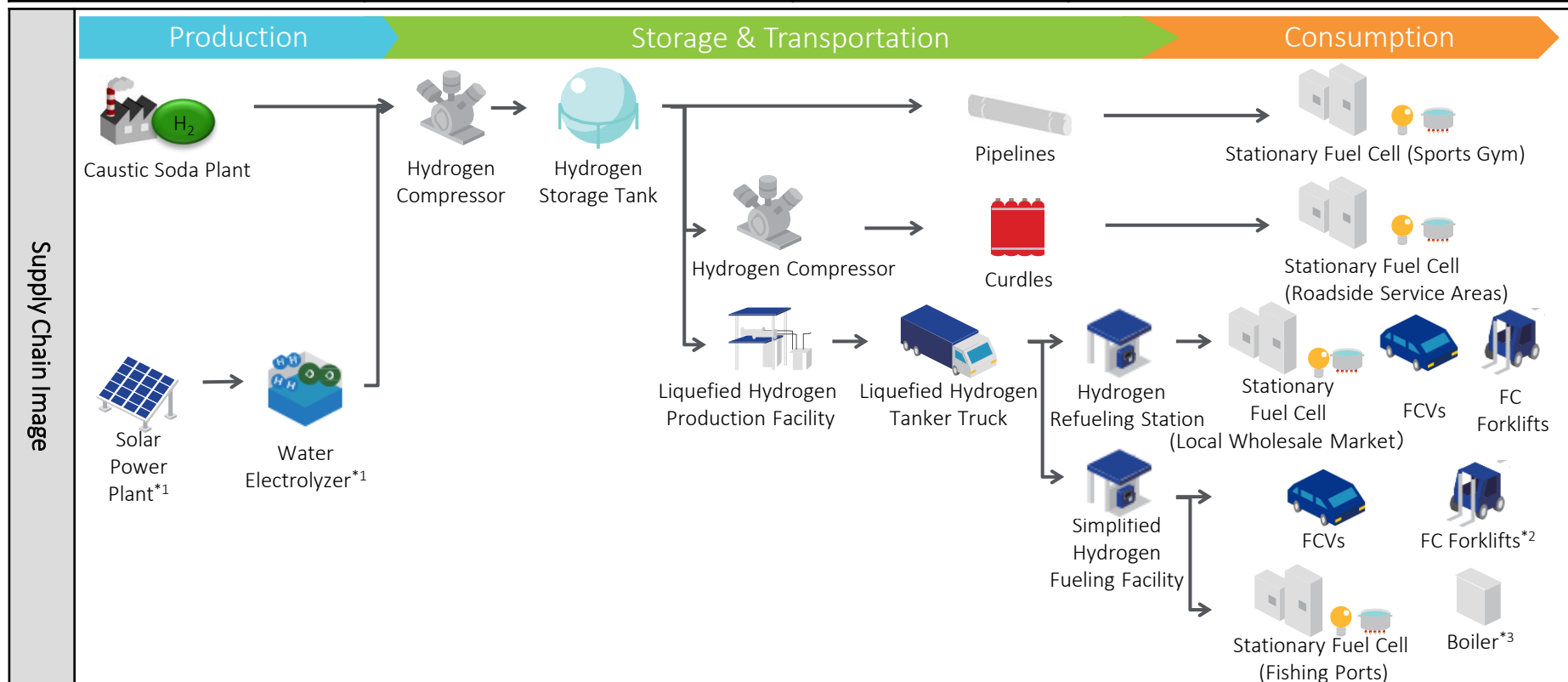


Project to Build a Model of Regional Cooperation and Local Energy Production/Consumption Using High Purity Waste Hydrogen from Caustic Soda Production (Shunan City and Shimonoseki City, Yamaguchi Prefecture, Primary Partner: Tokuyama Corp.)

Project Overview and Supply Chain Image

Overview	This project develops a local production for local demand-type of hydrogen supply and demand model that provides hydrogen to local regions for a wide variety of uses by collecting unused high purity byproduct hydrogen from caustic soda plants in Shunan City, Yamaguchi Prefecture. In addition, the project builds a model for liquefying a decent amount of hydrogen and supplying it over a wide area. In FY2020, the project started producing hydrogen from renewable energy and using a boiler fueled by hydrogen in order to supplement the amount of hydrogen.		
Municipalities	Shunan City and Shimonoseki City, Yamaguchi Prefecture	Time Period	FY2015-FY2021



*1 Hydrogen production from solar power started in FY2020 *2 FC forklifts in a fishing harbor facility in Shimonoseki operated until FY2019 *3 A pure hydrogen boiler was installed at a fishing harbor facility in Shimonoseki in FY2020 (Source: Tokuyama Corp. project documents)