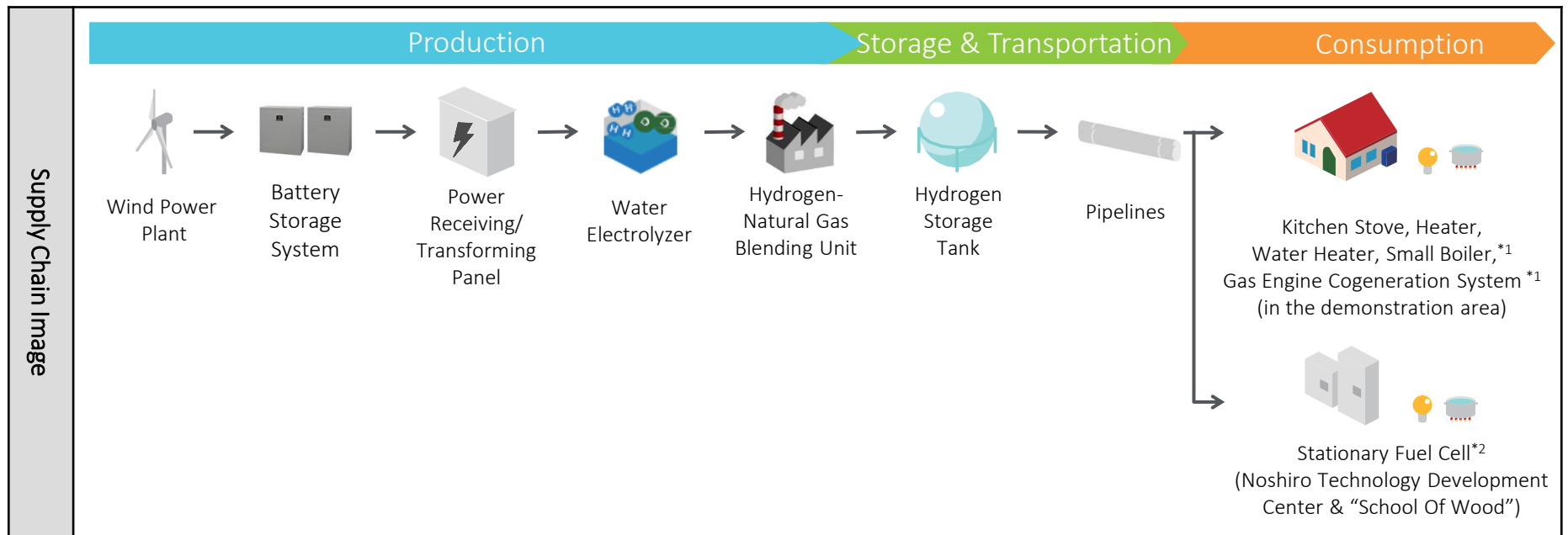


# Project to Demonstrate the Production of Hydrogen from Electrolysis Using Wind Power, as well as the Supply and Use of Hydrogen Mixed with Natural Gas (Noshiro City, Akita Prefecture, Primary Partner: NTT DATA INSTITUTE OF MANAGEMENT CONSULTING, Inc.)

## Project Overview and Supply Chain Image

Overview	<p>This project produces gas that is a mixture of hydrogen and natural gas by using hydrogen produced from wind power and mixing it with a high calorific simulated gas similar to natural gas. The hydrogen-mixed gas is supplied via gas pipelines to the sites in adjacent areas where it will be used. This hydrogen-mixed gas is put into actual use in commercial gas devices.</p> <p>In FY2020, the project installed new facilities (including a small boiler, gas engine cogeneration system, and a stationary fuel cell) and started using hydrogen-mixed natural gas.</p>		
Municipality	Noshiro City, Akita Prefecture	Time Period	FY2018-FY2021



\*1 The small boiler and gas engine cogeneration system were newly installed in FY2021

\*2 The stationary fuel cell was newly installed in FY2020

(Source: NTT DATA INSTITUTE OF MANAGEMENT CONSULTING, Inc. project documents)