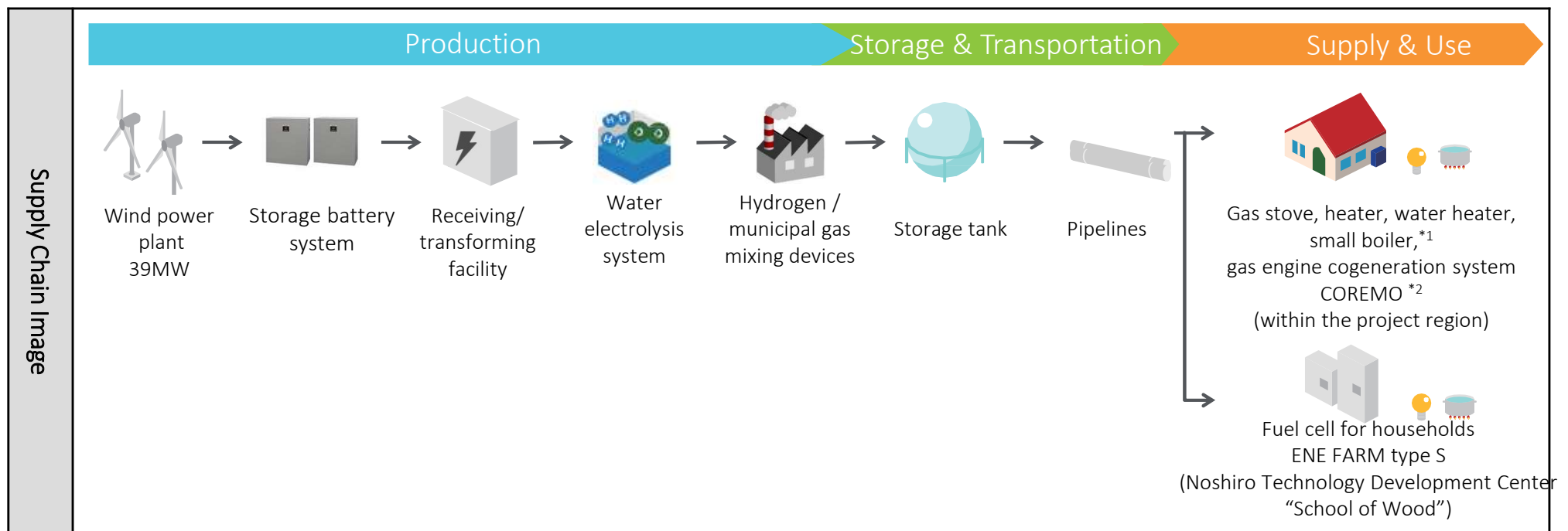


Project to demonstrate the production of hydrogen from electrolysis using wind power, as well as the supply and use of hydrogen mixed with municipal natural gas

(Noshiro City, Akita, 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 municipal natural gas by using hydrogen produced from wind power and mixing it with a high calorific simulated gas similar to municipal 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 COREMO, and a residential-use ENE FARM type S and started using hydrogen-mixed municipal natural gas.</p>		
Municipalities	Noshiro City, Akita	Time Period	FY2018-FY2021 (Planned)



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

*2 The residential-use ENE FARM type S was newly installed in FY2020

(Source: NTT Data Institute of Management Consulting, Inc. project documents)