

## Projects selected by Belgian authorities as potential direct participants for IPCEIs Hydrogen:

<b>Project - Company</b>	<b>Supporting authority</b>	<b>Project Description</b>	<b>Location</b>
<b>Breuer Technical Development</b>	Wallonia	Independent test center dedicated to hydrogen and e-fuels for the upcoming market in CO2 neutral transport systems.	Malmedy
<i>North C Methanol (Engie)</i>	Flanders	Production of green hydrogen from renewable energy with the aim to use it for production of methanol.	Seaport: North Sea Port (Ghent)
<b>Colruyt DATS 24</b>	Flanders	Rollout of multi-purpose hydrogen stations with a focus on heavy-duty vehicles.	Seaport: Antwerp, Zeebrugge Other location: Logistic hub Colruyt group in Halle
<i>Columbus (Engie, Carmeuse)</i>	Wallonia	Production of green hydrogen and industrial integration to produce e-methanol.	Amercoeur
<i>H2Backbone (Fluxys)</i>	Federal State	Construction of a pipeline network to transport hydrogen.	Belgium
<b>Hydrogenics/Cummins</b>	Flanders	Development of electrolyzers.	Oevel
<b>Hyoffwind<sup>1</sup></b>	Flanders	Production of green hydrogen from offshore wind energy with injection in the natural gas grid.	Seaport: Zeebrugge
<b>Hyport Ostend<sup>2</sup></b>	Flanders	Production of green hydrogen from renewable energy.	Seaport: Ostend
<i>HyTrucks (Air Liquide)</i>	Flanders	Demonstration and roll-out of green hydrogen production, hydrogen distribution and refueling infrastructure for heavy duty trucks driving between the harbors of Antwerp, Rotterdam and Duisburg.	Seaport: Antwerp
<i>JCH2 (John Cockerill)</i>	Wallonia	Big scale alkaline electrolyzers for Europe.	Seraing (BE) and Alsace (FR)
<i>KerolHyme (Engie, Fluxys, Infinium, Lhoist)</i>	Wallonia	Production of green hydrogen and industrial integration to produce e-kerosene.	Tihange and Hermalle
<b>Plastic Omnium</b>	Flanders	Tanks for storage of pressurized hydrogen in Fuel Cell Electric Vehicles.	Herentals
<b>Power to Methanol<sup>3</sup></b>	Flanders	Production of e-methanol from hydrogen from variable renewable energy sources.	Seaport: Antwerp
<i>ReCHycle (ArcelorMittal, Fluxys)</i>	Flanders	Recycling of waste hydrogen and use of green hydrogen in steelmaking process to reduce carbon emissions.	Seaport: North Sea Port (Ghent)
<i>Terranova (Terranova Hydrogen<sup>4</sup>, Aertssen, Luminus)</i>	Flanders	Multiple-to-multiple: combine hydrogen from diverse renewable sources with diverse applications in a local area using an energy management system.	Seaport: North Sea Port (Ghent)

<sup>1</sup> Hyoffwind: Virya Energy, Parkwind, Fluxys

<sup>2</sup> Hyport Ostend: DEME, Haven Oostende, PMV, Air Products

<sup>3</sup> Power to methanol: Engie, Fluxys, Indaver, Inovy (Ineas), Oiltanking, Port of Antwerp, PMV

<sup>4</sup> Terranova Hydrogen: DEME, De Nul, Aertssen, Luminus, Nippon Gas