



**Matchmaking registration form
Green Hydrogen in Uruguay**



Institution or company name	Baker Hughes
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Institution webpage	https://www.bakerhughes.com/				
Other web sites of interest					
Contact (person, email, phone...)	Seema Santhakumar seema.santhakumar@bakerhughes.com +1 713-557-0818				
Additional contact (person, email, phone...)	Annette Otero Annette.Otero@bakerhughes.com				
Type of institution (please select all that apply)	Public		Private	X	Academy

Short description of your institution/company: (only the first 150 words will be published) Baker Hughes is a leading global energy technology company that provides solutions for energy and industrial customers worldwide. We design, manufacture, and service transformative technologies to help take energy forward – making it safer, cleaner, and more efficient for the people and the planet. We provide technologies that can serve the entire hydrogen value chain, from production to transportation and utilization.				
Your institution provides (please select all that apply)	products	X	services	X

Short description of your relevant market, i.e. your relevant product/service and geographic market: With operations in over 120 countries, we offer comprehensive hydrogen and ammonia solutions, spanning the entire value chain—from production to utilization. We offer differentiating compression technologies in all parts of the value chain and commercially available first-to-market gas turbines that can run on up to 100% Hydrogen. In addition to this, we also provide digital solutions for asset optimization, sensor technologies, remote monitoring, and diagnostics. Our extensive portfolio, strengthened by strategic industry collaborations, offers integrated end-to-end				
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solutions in Hydrogen production, ammonia process optimization, any hydrogen derivatives, transport, storage, liquefaction, power generation, mobility, and export sectors. Our approach emphasizes modularization and standardization, reducing the total cost of ownership while providing flexibility and de-risking projects.

Since building our first hydrogen compressor in 1962 and launching the world's first 100% hydrogen turbine in 2008, we've consistently pushed the boundaries of energy technology. Our gas turbines, adaptable to various fuel blends, seamlessly integrate with existing infrastructure, while our High-Pressure Ratio Compressors (HPRC) significantly improve green hydrogen plant footprint, reliability, and efficiency.

Area(s) of activity (please select all that apply) in connection with Green H2

Hydrogen and other products production		Renewable Energy		Transport	
Logistic		Industrial		Finance	
Legal				Risk Management	

Expertise areas (please select all that apply)

R&D	X	Technology transfer		Technology developer	X
Technology end-user		Technology supplier	X	Investor	

Other: Digital Solutions

Main technological capacities and facilities

Our Portfolio includes:

- Reciprocating Compressors
- Centrifugal Compressors
- Gas turbines
- Expanders
- Centrifugal pumps
- Sensor, Inspection & Control Solutions
- Asset Performance Management
- H2 Storage
- Flexible Pipelines
- Digital Solutions

Through strategic investments and partnerships, we also offer

- Modularized ammonia process solutions
- Electrolyzer
- Various early-stage technologies

Our global manufacturing network features state-of-the-art facilities in Florence, Massa, and Avenza Aero Alliance, delivering advanced turbomachinery solutions for industrial and energy applications. We also operate U.S. facilities for valve and flexible pipe manufacturing. With operations in over 120 countries, we provide tailored local content and support as needed.

- Florence Manufacturing Site and Innovation Labs: Our Florence site is a hub for manufacturing, assembling, packaging, and delivering gas turbines (NovaLT and Frame technologies for mechanical drive and power generation), steam turbines (for nuclear and geothermal applications), and compressors (centrifugal and reciprocating for natural gas and hydrogen services). The site also houses 19 labs where our experts innovate to provide reliable solutions for hydrogen, CO2, and low-carbon natural gas applications.
- Florence Hydrogen Village: Our Florence site tests Baker Hughes' NovaLT16 gas turbine, which is 100% hydrogen-ready. We conduct tests with various hydrogen/methane blends and operational conditions, including pure hydrogen from start-up to full-load. The proprietary hydrogen storage facility, capable of holding 2.5 tons, enables full-load testing before shipment and installation.
- Massa Facility: At Massa, we assemble, package, machine, and test compressors and gas turbines for LNG and natural gas applications, including the highly efficient LM9000 turbine for 65+ MW power.
- Avenza Aeroderivative Service Shop: The Avenza site, a Center of Excellence with Aero Alliance (a Baker Hughes-GE joint venture), specializes in aeroderivative turbines, providing engines, spare parts, repairs, and maintenance services for LM2500 and LM6000 gas turbines used in challenging energy applications.

About the partner(s) you are looking for

Where are you looking for a partner (please select all that apply):

In Uruguay	<input checked="" type="checkbox"/>	Abroad	<input checked="" type="checkbox"/>
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Looking for partners in the area(s) (please select all that apply)

Hydrogen and other products production	<input checked="" type="checkbox"/>	Renewable Energy	<input type="checkbox"/>	Transport	<input checked="" type="checkbox"/>
Logistic	<input type="checkbox"/>	Industrial	<input checked="" type="checkbox"/>	Finance	<input type="checkbox"/>
Legal	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>

What kind of partner(s) are you looking for

We seek partners who are innovative and experienced in energy and industrial technologies, particularly hydrogen and low-carbon solutions. Ideal partners will complement our modular, standardized approach to reducing costs and de-risking projects and offer strong local expertise and reliable service. Together, we aim to drive forward advanced, integrated solutions for the evolving global energy market.

Which capacities and/or facilities are you looking for

- We are looking for hydrogen and hydrogen derivatives producers, technology integrators, and engineering firms to collaborate on integrated solutions. Baker Hughes aims to be an early engagement technology partner and is open to project

co-development or financial investment opportunities. Our goal is to provide complementary, flexible solutions that de-risk projects and drive innovation.

Date: 04/09/2024