



**Matchmaking registration form
Green Hydrogen in Uruguay**



Institution or company name	Penspen Limited				
Institution webpage	www.penspen.com				
Other web sites of interest					
Contact (person, email, phone...)	Ignacio Rivera I.Rivera@Penspen.com +44 (0) 7884 434 829				
Additional contact (person, email, phone...)	Darren Bartlett Sales & Marketing Director D.Bartlett@penspen.com +44 (0) 7980 782 573				
Type of institution (please select all that apply)	<i>Public</i>	<input type="checkbox"/>	<i>Private</i>	<input checked="" type="checkbox"/>	<i>Academy</i>

Short description of your institution/company:

Delivering engineering and operational excellence for over 65 years, Penspen is a leading service provider to the energy industry offering; engineering, project management, asset management, asset integrity, training services, software and tools to a global market.

Penspen is proud to be recognised as one of the most stable and reliable operations in the industry. Using our years of expertise and pedigree, we help our clients develop new energy assets through customised engineering and project management solutions, and assist with the rehabilitation of existing energy assets both upstream and downstream to maximise productivity and efficiency.

Established in the UK in 1954, Penspen has grown to become a truly global organisation with major offices in London, Houston, Villahermosa, Abu Dhabi, Bangkok and Singapore. Originally specialising in cathodic protection and construction, Penspen was founded under the name 'Spencer & Partners' in 1954. In

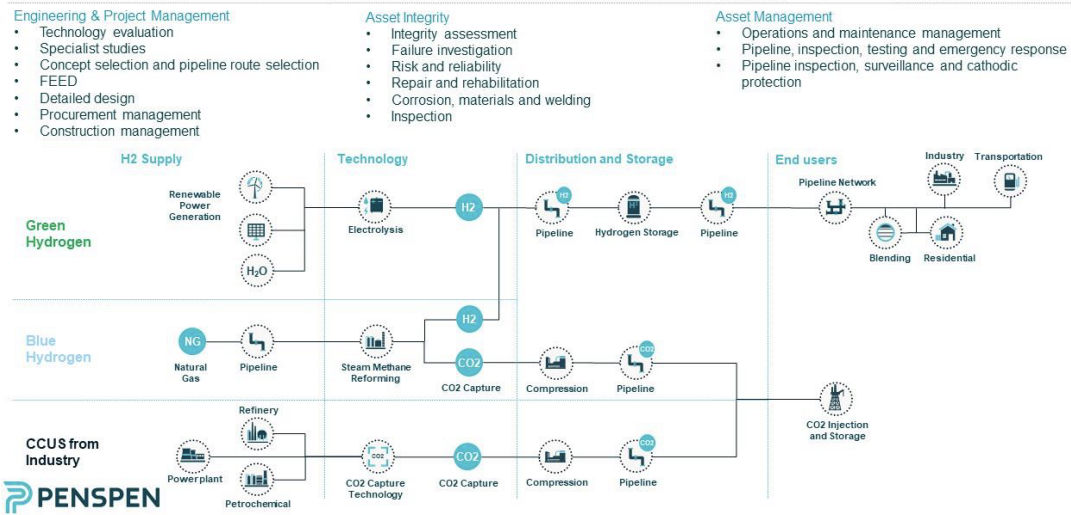
1957, it branched out to form Pipeline Engineering Consultants' (PENCOL) to provide engineering design and project management. In 1969 both branches merged together under the single name Penspen.

Your institution provides (please select all that apply)	<i>products</i>		<i>services</i>	X
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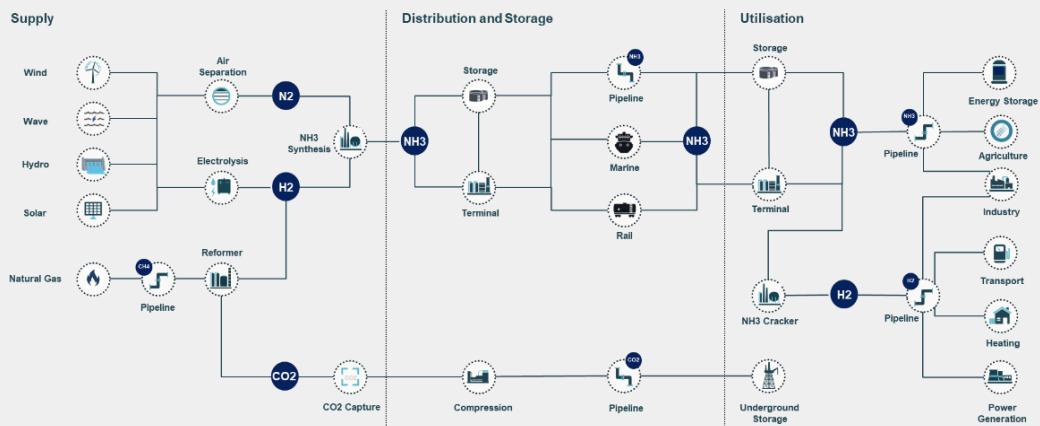
Short description of your relevant market, i.e. your relevant product/service and geographic market:

At Penspen, we believe developing a Hydrogen Economy, including CCUS is a global strategic importance for the delivery of clean energy. With our vision to improve access to sustainable energy for the communities in which we work, we are focusing our three services lines – Engineering and Project Management, Asset Management, Asset Integrity – on the design, installation and operation of the infrastructure needed for an effective and efficient hydrogen value chain. This includes building on our experience of not only repurposing assets for Hydrogen and CO2 use but also development of greenfield assets for the production of both green and blue hydrogen and its transportation to end users, as well as the recovery of CO2 from industry for compression and transportation via pipeline.

The Hydrogen Economy



The Role of Ammonia in the Hydrogen Economy



Net Zero Engineering, Integrity, & Asset Management Services

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

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

Expertise areas (please select all that apply)

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

Other:

Public transport service operator, interested in evaluating hydrogen as a fuel.

Main technological capacities and facilities

Engineering & Project Management

- Technology evaluation
- Specialist studies
- Concept selection and pipeline route selection

- FEED
- Detailed design
- Procurement management
- Construction management

Asset Integrity

- Integrity assessment
- Failure investigation
- Risk and reliability
- Repair and rehabilitation
- Corrosion, materials and welding
- Inspection

Asset Management

- Operations and maintenance management
- Pipeline, inspection, testing and emergency response
- Pipeline inspection, surveillance and cathodic protection

About the partner(s) you are looking for

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

In Uruguay	X	Abroad	Chile and Argentina
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Looking for partners in the area(s) (please select all that apply)

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

What kind of partner(s) are you looking for

- Oil & Gas Onshore/Offshore (Upstream / Midstream / Downstream)
- Gas Transport and Distribution companies
- Hydrogen Economy (H2 Production / H2 Transportation / H2 Distribution / Carbon Capture Utilisation and Storage)
- Power Generation
- Waste to Energy

- Energy Storage
- Local Engineering Companies

Which capacities and/or facilities are you looking for

- O&G (Upstream / Midstream / Downstream) facilities
- Hydrogen producers
- Gas Distribution companies that seek blending hydrogen in the current gas network
- Hydrogen end users
- Carbon Capture Utilisation and Storage
- Ammonia

Date: 1/6/2021