



Matchmaking registration form Green Hydrogen in Uruguay



Institution or company name	SENER INGENIERIA Y SISTEMAS S.A.			
Institution webpage	www.energy.sener			
Other web sites of interest	www.group.sener			
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Type of institution (please select all that apply)	<i>Public</i>	<i>Private</i> X	<i>Academy</i>	

Short description of your institution/company:

SENER is a private engineering and technology group founded in 1956 which is a premier provider of innovative and high-quality solutions

SENER Engineering is a leading international company in the Infrastructure, Energy and Marine sectors.

More than 2,300 qualified staff in offices located on four continents, incomes of more than 589 billion euros, investment of more than 21.2 million euros in R&D.

Renewable energies are where SENNER has in large part shaped its extensive capabilities for innovation and technological development, to the point of becoming the leader in several of the technologies in which it works.

SENER is active throughout the value chain in these areas, from designing and developing new technologies and patented processes in the solar energy to the engineering, construction, and subsequent operation, and finally the development, promotion, and investment, in the majority of cases, through its Energy Area

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

GREEN H2:

1. Manufacture of electrolyzers:
 - Manufacture and supply of electrolyzers as equipment suppliers
 - Development of new electrolysis technologies

2. H2 and electricity generation from the bio alcohol reformer (oriented to marine propulsion, railway traction or decentralized H2 generation on land).
 - Supply of the reformer, storage and fuel cell assembly for electric propulsion on board (for Ships).
 - Supply of reformer, storage and fuel cell assembly for electric traction power for TRAINS.
 - Supply of reformer and auxiliary units associated with decentralized H2 generation on land (for H2 refilling stations or others)

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

<i>Hydrogen and other products production</i>	X	<i>Renewable Energy</i>	X	<i>Transport</i>	
<i>Logistic</i>		<i>Industrial</i>	X	<i>Finance</i>	
<i>Legal</i>					

Expertise areas (please select all that apply)

<i>R&D</i>	X	<i>Technology transfer</i>	X	<i>Technology developer</i>	X
<i>Technology end-user</i>	X	<i>Technology supplier</i>	X	<i>Investor</i>	X

Other:

Main technological capacities and facilities

SENER is # 45 ENR International design firm in 2019

<https://www.enr.com/toplists/2019-Top-225-International-Design-Firms-1>

FIGURES SENER Energy:

660 people in SPAIN Headquarter and 690 rest of the world

More than 22 Technical Disciplines

1940 kh projects and more than 150 kh INNOVATION

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 checked="" type="checkbox"/>	Transport	<input checked="" type="checkbox"/>
Logistic	<input type="checkbox"/>	Industrial	<input checked="" type="checkbox"/>	Finance	<input checked="" type="checkbox"/>
Legal	<input type="checkbox"/>				

What kind of partner(s) are you looking for

For the development of bio alcohol reformer solutions, we would be pleased to find partners interested in the solution of decentralized green H2 generation, mainly for trucks, buses, ships or trains

For ELECTROLYZER SOLUTIONS, we would be pleased to find partners which are interested in the consumption of green H2 from renewables electrical sources, such refineries, petrochemical industries, steel industries, cement industries.

Which capacities and/or facilities are you looking for

For the development of bio alcohol reformer solutions , we are interested on final off takers, which may use the green H2 for mobility or other industrial uses and it was open to invest in new technology.

Date: