



**Matchmaking registration form
Green Hydrogen in Uruguay**



Institution or company name	Beijing SinoHy Energy Co., Ltd.				
Institution webpage	www.sinohyenergy.com				
Other web sites of interest	www.bjzdfy.com.cn				
Contact (person, email, phone...)	Alice Liu aliceliu@bjzdfy.com.cn +86 13333267672				
Additional contact (person, email, phone...)					
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:

Beijing SinoHy Energy Co., Ltd. (BSHE, www.bjzdfy.com.cn), established in 2007, has been focusing on the field of water electrolysis, hydrogen production and hydrogen storage ever since and is recognized as one of the national high-tech enterprises in China. With fourteen years of development, the company has grown into a hydrogen energy technology enterprise with core technologies and extensive resource channels at home and abroad and its assets exceeding 100 million RMB. With its headquarters located in Beijing, the company has a R & D center of 2,000 square meters in Yanjiao, Beijing and a production base of 10,000 square meters in Weifang, Shandong. Nowadays, the company has more than 50 professional and technical personnel, the wholly-owned subsidiaries Shandong Hydrogen Energy Technology Co., Ltd. and Hebei BSHE Branch.

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

The company offers services and solutions in the following aspects: hydrogen reuses from renewable energy sources for energy storage stationary/skid-mounted hydrogen refueling station, process systems for by-product hydrogen and tail hydrogen gas, backup/emergency hydrogen fuel cell hydrogen-fueling equipment, peak and frequency-modulation of the power plant, and green hydrogen distributed power and heating etc. The company has mature technology experiences in various application scenarios such as hydrogen production, hydrogen storage, curtailment of renewable energy to power or gas, hydrogen mobility purpose of h2 refueling stations and MW or KW scale H2 electricity & heating systems etc. Our main markets: Europe (Turkey, UK, Poland, Spain, France, Germany, Bulgaria, Italy, Russia), Asia (India, Pakistan, Indonesia, Saudi Arabia, UAE, Kyrgyzstan), Oceania (Australia), South America (Chile , Peru, Colombia) etc.

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>	X
<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>		<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

With more than 20 core technology intellectual property rights in the field of water electrolysis, BSHE has developed advanced alkaline water electrolysis technology with the largest capacity for single module reaching 1200 cubic meters / hour (6MW). Matured PEM pure water hydrogen generator has the largest capacity of single stack up to 400 cubic meters per hour (2MW). Meanwhile, the company is committed to research and development of AEM ion membrane hydrogen generating technology with its product patent covering the entire field of the electrolytic cell and auxiliary system (BOP), the core components of the water electrolysis hydrogen generation process. BSHE has established extensive cooperation with academic organizations and well-known companies in this field at home and abroad. Regarding project experience, it is the main equipment provider for China's first 500kg on-site hydrogen generation and refueling integrated station (Datong) and the first megawatt PEM hydrogen generation and storage project (Lu'an).

About the partner(s) you are looking for

Where are you looking for a partner (please select all that apply):					
<i>In Uruguay</i>	X	<i>Abroad</i>	X	<i>China and other countries</i>	
Looking for partners in the area(s) (please select all that apply)					
<i>Hydrogen and other products production</i>	X	<i>Renewable Energy</i>	X	<i>Transport</i>	X
<i>Logistic</i>	X	<i>Industrial</i>	X	<i>Finance</i>	X
<i>Legal</i>	X				
What kind of partner(s) are you looking for					
<p>1Uruguayan local company: Local transportation, infrastructure and construction engineering companies (in order to control and reduce the cost of construction and project localization in the future) Local laws and regulations consulting and legal service companies (financial services and investment financing services companies)</p> <p>2 Foreign companies: All companies involved in the hydrogen energy industry chain have the possibility of cooperation. The main directions are fuel cell companies and renewable energy photovoltaic and wind power companies.</p>					

Which capacities and/or facilities are you looking for

Renewable energy solar power generation equipment (Provide equipment up to MW level; GW level or other)

Renewable energy wind power generation equipment (Provide equipment up to MW level; GW level or other)

Hydrogen fuel cell equipment (Provide equipment up to MW level or other).

Date: