



**Matchmaking registration form
Green Hydrogen in Uruguay**



Institution or company name	Wind Energy Microgeneracion				
Institution webpage	www.windenergy.com.uy				
Other web sites of interest	www.windenergy.com.uy				
Contact (person, email, phone...)	Alejandro Ventura alejandro@windenergy.com.uy +598 98251758/42249549				
Additional contact (person, email, phone...)	Sofia Cardozo info@windenergy.com.uy / sofia@windenergy.com.uy				
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:

Wind Energy Microgeneracion is an I+I+D company for electrical services and production of Renewable and environmental energy, with large global partners providing products and services.

- Solar photovoltaic
- Biogas
- Solar thermal
- Wind
- Electric vehicles and smart charging

Currently under development WEM / EVRE (Total conversion of electric vehicles) where combustion cars are converted and the power of wireless charging is studied, future promotion.

- Green H2 / only power gas.

It currently develops and promotes the H2 electric gas + TH2 electric gas project.
 Production and transportation of H2 gas.
 - Generation of water by absorption of vapor from air
 Annex to green H2 project under development, future promotion

We want to help, and we feel responsible for changing the future from Uruguay.

Your institution provides	Products Solar photovoltaic - Biogas - Solar thermal - Wind - Electric vehicles and smart charging - Green H2 / only power gas. - Generation of water by absorption of vapor from air	Services Solar photovoltaic - Biogas - Solar thermal - Wind - Electric vehicles and smart charging - Green H2 / only power gas. - Generation of water by absorption of vapor from air
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Short description of your relevant market, i.e. your relevant product/service and geographic market:

- Local services in Uruguay of development, budget and execution of renewable energy generation for microgeneration and electrical and thermal self-sufficiency.
- Maintenance and operation of low or medium voltage domestic or industrial electrical systems. We apply NS1D for medium voltage security.
- Current and in development of the trading strategy of H2 electric gas worldwide; Distribution of Hydrogen and Oxygen obtained through electrolysis in PEM equipment with renewable electricity and renewable water from the absorption plant.
- Current development at the local level of the WEM/EVRE project for the exchange of powertrains without changing the chassis. A combustion vehicle is converted to a pure battery electric motor with a wireless test charge.

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

Hydrogen (H2 by electrolysis gas)	X	Renewable Energy	x	Transport	x
Logistic	X	Industrial	x	Finance	x
Legal				Risk Management	x

Expertise areas (please select all that apply)

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

Other:

Main technological capacities and facilities

technical capabilities

- Service development
- Negotiation
- Energy renewable production
- Maintenance and operation of electrical networks
- Research innovation development

About the partner(s) you are looking for

We are looking for a partner from the aerospace market for the development of TH2 electric gas.

We are initiating contact with the University of Delf in the Netherlands to start studying the possibility of collaborating with the TH2 electric gas project.

Investors for business.

Where are you looking for a partner

<i>In Uruguay</i>	X	<i>Abroad</i>	X
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Looking for partners in the area(s)

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

Date: 30/08/2022