

The logo for Mercados Renovables features a stylized green leaf with a white outline, positioned above a blue circular arrow that curves around the text.

MERCADOS RENOVABLES

Energizando el futuro...



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How to harness the power of autonomous and sustainable energy generation solutions in remote locations.



Energizando el futuro...

MR is established in 2016 and headquartered in Buenos Aires as an engineering consultancy company with the aim of mitigating climate change issue through the implementation of renewable energy and low carbon projects.

Traffo is an electromechanical assembly company based in Neuquen with extensive experience providing services to the energy sector.

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Mercados Renovables's sustainable energy solutions

- The power of the sun as an essential ally in remote oil fields
- Clean electricity from unused power for the glass industry, steel mills, cement plants, etc.

We transform energy
Clean electricity from unused power



The oil and gas industry today faces enormous challenges that require sustainable and efficient solutions.



-In the upstream: need to energize wells isolated from the grid.

-In the midstream and downstream: the pursuit of a more environmentally conscious future by reducing the carbon footprint of industrial processes.

The power of the sun as an essential ally in remote oil fields

Upstream oil wells energization represents an essential activity for maintaining the reservoir's operating conditions in terms of safety and productivity. The energy supply must not only be reliable and economical, but also easy to maintain, robust, and uninterrupted.

In the solutions arena, Mercados Renovables is emerging as an important player, offering support to its clients during the preliminary stages of project prequalification.

By providing solutions from the outset, Mercados Renovables helps overcome challenges related to design and conceptualization, contributing to a more comprehensive approach to project planning and execution.

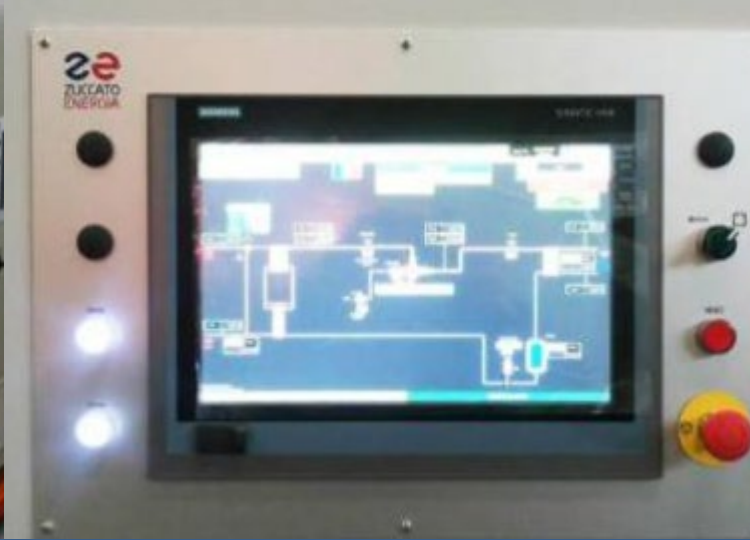


Isolated photovoltaic systems



These are off-grid power generation systems. The energy they produce typically requires storage in solar accumulators or batteries and can be used 24 hours a day. These stand-alone photovoltaic installations are ideal in regions where grid connection is not possible or planned due to high distribution costs, especially in remote rural and mountainous areas. This system is commonly used for:

- Rural electrification: water pumping, irrigation, refrigeration chambers, ecc.**
- Ground signaling: lighting, warning signs, traffic lights, etc.**
- Industrial applications: telecommunication towers, antennas, surveillance systems in oil and gas refineries.**
- Recreation: mountain lodges, ski resorts, boats, tennis courts.**



Clean electricity from unused power
-Organic Rankine Cycle systems: for the glass industry, steel mills, cement plants, etc.



Organic Rankine cycle system



MR'partner Zuccato Energy designs and manufactures ORC (Organic Rankine Cycle) systems to transform the heat generated by industrial processes, gas flaring, motors and renewable sources into clean electricity with high efficiency.



Mercados Renovables services

-MR designs and manufactures its own systems and can therefore provide highly customized solutions based on the specifications provided by our customers.



Feasibility
study



Technical design
and
customization



Plant
manufacture



Plan start-up
and initial
setup



Post-sales
assistance



Maintenance

Mercados Renovables's strategy approach



MR is aware of the oil&gas companies requirements, and acts with a comprehensive approach to ensure the maximum availability and reliability of its energy solutions.

As from the beginning, MR is capable of advising oil and gas companies throughout the entire process to get the best in class eco-power solution to their projects in order to improve their sustainability and profits goals.

Our main asset is the local professional staff that knows not only the oil&gas sector but also the particular aspects of the region. This ensures absolute commitment and reliability in the relationship with the customer, both during the installation stages and after-sales. So now is the time to commit to the future. Join MR's mission to pave the way to a greener, more sustainable future.

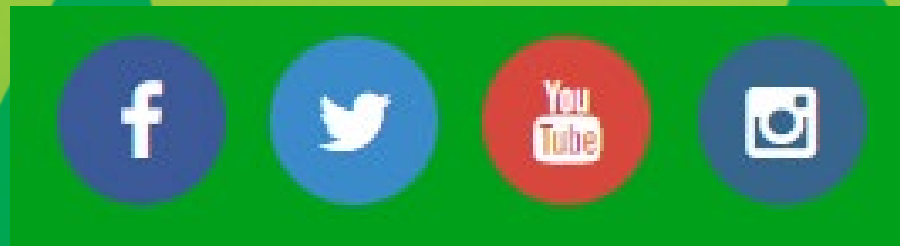


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