

LADER ENERGY
CORPORATE PRESENTATION 2019

CREATE
WORK
INSPIRE



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ABOUT



Lader Energy: We are dedicated to the development of renewable energy and technology projects. We have a vast experience of more than 12 years, having participated in the development and construction of more than 2 GW of power across the Latin American and Europe.

ABOUT US



GUARANTEED QUALITY

We provide a comprehensive service to our portfolio of clients and future clients who are world leaders in the energy market.



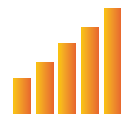
EXPERIENCE

Proven experience in LATAM and EUROPE thanks to a team with more than 12 years of experience developing renewable energy projects in more than 10 countries



INNOVATION AND DEVELOPMENT

Strong focus on innovation and development of new technologies that enable us to deliver an integrated and high-quality service in renewable energy projects.



4 GW IN PROJECTS

Lader Energy is positioned in the solar market with 4 GW in solar projects under development and construction, and we are going for more.



OPERATION IN 6 COUNTRIES

Capable of generating different solar projects throughout the Americas and the world, we are currently operating in 6 countries.



30 PROJECTS UNDER DEVELOPMENT & 3 IN OPERATION

At Lader we are continuously developing & executing various solar and wind projects.



RENEWABLE **MARKET**

01

THE NEXT 5 YEARS:
80 GW IN LATAM

02

NEW RENEWABLES MARKET:
80 BILLION DOLLARS

03

2038: ELECTRIC CARS WILL
SURPASS CONVENTIONAL ONES

04

THE ELECTRIC POTENTIAL FOR RENEWABLES IN LATIN
AMERICA **22 TIMES GREATER THAN THE DEMAND**

04

50% OF GLOBAL DEMAND WILL COME FROM RENEWABLE
ENERGIES BY 2050

TEAM EXPERIENCE





Horacio Vásquez Mena
Founding Partner



Francisco Poblador
Investment Partner



Andrés Vásquez
Partner - Project
Director



Catalina Kissling
Partner - Legal
Director

TEAM LADER ENERGY



Gastón Davis
Country Manager Chile



Elson Dantas
Country Manager Brasil



Andrés Velasquez
Head of Finance



Mario Aguilera
Ing of Projects

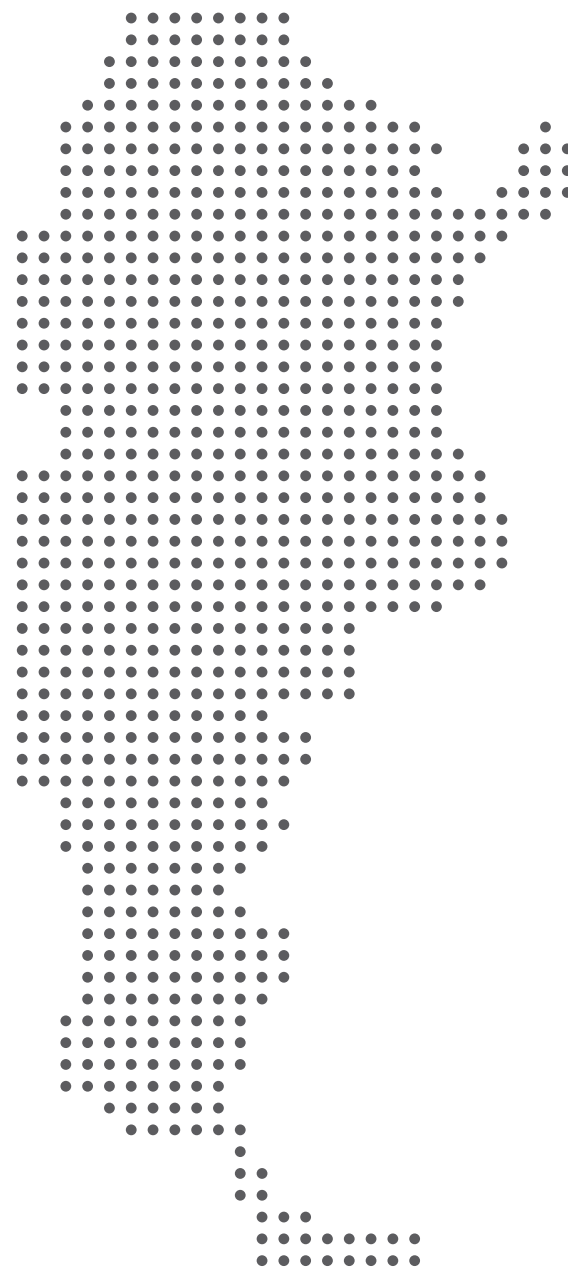


Camilo Peña
Country Manager
Colombia

LATIN AMERICAN **PRESENCE**



PROJECTS
ARGENTINA





Argentina at the end of 2015, Argentina passed the new renewable energy law (Law 27.191) and during the first months of 2016, Law 27.191 was quickly regulated, establishing a mechanism and renewable energy penetration targets of 20% to be met by 2025. This regulation established the Program of renewable energy purchase bids through Cammesa (the Renovar Program), which by 2018, has already made three bids (Renovar 1, Renovar 1.5 and Renovar 2). On the other hand, the Term Market was regulated, so that large users can go out and contract renewable energy from generators, as well as self-generate their own renewable energy or invest in renewable energy projects, opening up a very interesting and broad market for renewables in Argentina, with the aim of reducing the cost of energy in the country, as well as resolving through this path the energy crisis that Argentina has faced for years of almost no investment in generation and transmission.



PROJECTS RTB
92 MW

PROJECTS RTB
700 MW

PROJECTS RTB
+ de 1 GW



AWARDED RENOVAR 1,5

START OF CONSTRUCTION

COD

COD

SOLAR PROJECT GUAÑIZUIL I
92 MW

SOLAR PRJECT GUAÑIZUIL I
92 MW

SOLAR PROJECT GUAÑIZUIL I
92 MW

SOLAR PROJECT GUAÑIZUIL II-A
117 MW

AWARDED RENOVAR 2.0
SOLAR PROJECT GUAÑIZUIL II-A
117 MW

START OF CONSTRUCTION
SOLAR PROJECT GUAÑIZUIL II-A
117 MW



GUAÑIZUIL PROJECTS
SAN JUAN, ARGENTINA

GUAÑIZUIL **LAND**

- **Guañizuil Land** is located 190 km from the city of San Juan, in the Iglesia Department. Its area of 250,000 hectares reaches the border with Chile. Lader Energy has developed 700MW at **Guañizuil Land**. Two projects within this estancia have been awarded in the National Tender for Renewable Energies, as part of the Renovar program.

In 2016, we were awarded 92 MW of the Guañizuil I project under Renovar 1.5. Our strategic partner for this project was the Chinese multi-national Jinko Solar. This project is in its final stage of construction and will come into operation at the beginning of 2019.

In 2017 Renovar 2.0 Lader Energy was awarded a 117 MW project (Guañizuil II-A) that was sold to the multinationals Equinor and Scatec Solar. This project begins commercial operations at the end of 2019

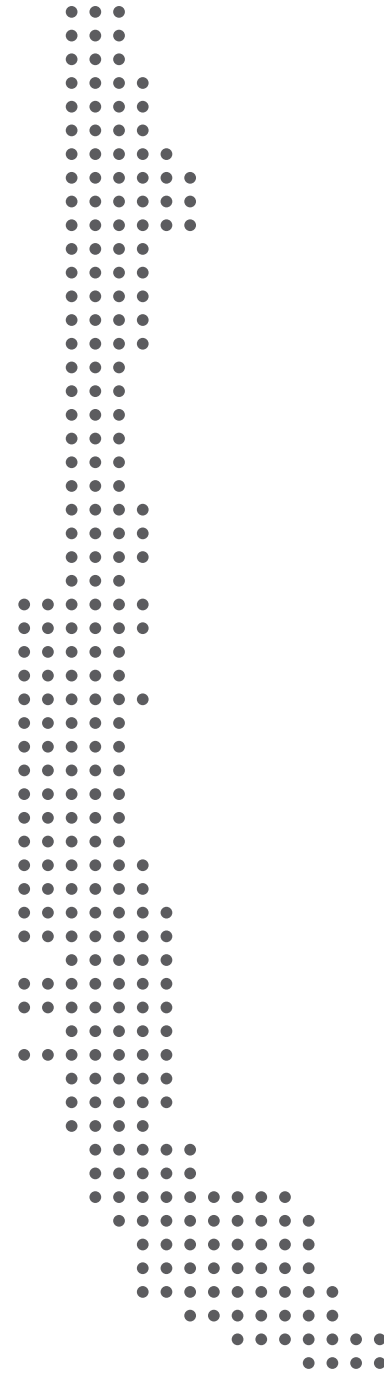


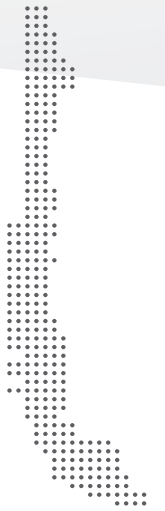
GUAÑIZUIL SOLAR CLUSTER

To this date, Lader Energy has developed 700 MW at Estancia Guañizuil. Our objective for the next 5 years is to achieve the construction and entry into commercial operation of 1,000 MW



PROJECTS
CHILE





PMGD: In 2019 we developed a portfolio of 56 MW solar PMGD projects in 3 and 9 MW projects. This first portfolio was acquired by a multinational manufacturer of photovoltaic modules, with a construction start date in mid-2020.

In 2020 we are developing our second PMGD portfolio, with which we expect to reach 40 MW with ICC by the end of this year.

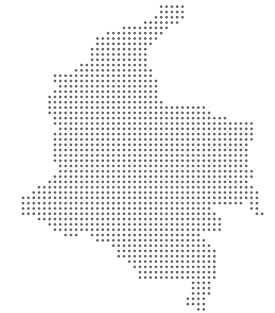
UTILITY: In 2019 we started the development of large-scale solar and wind projects in Chile, with the aim of building a 1 GW portfolio during 2020, we currently have the development of a 250 MW solar project in the central area. The RTB date for these projects is estimated for Q4 2021.



PROJECTS
COLOMBIA



PROJECTS
COLOMBIA



Colombia currently has a renewable energy law (Law 1715). Considering the current scenario in Colombia, Lader Energy is focused on the development of renewable energy projects that contribute to the reduction of energy costs in the country, as well as the diversification of the energy matrix. In Colombia, Lader Energy is focused on the development of large-scale solar projects to offer energy sales to commercial or large users. The portfolio of solar projects currently amounts to 300 MW, located in different areas of Colombia. Lader Energy's objective for the next 3 years is to be able to develop a portfolio of 1 GW solar projects in development and over 100 MW under construction.

PROJECTS
PERU





Perú, In 2019, Lader Energy enters the Peruvian market to be able to jointly develop between Lader Energy Chile SpA and Euder Spain, solar photovoltaic and wind projects for an initial capacity of 800 MW nominal (500MW Solar, 300MW Wind), which will be located in the best solar and wind resource areas of the country and would connect to the National Interconnected System.

The Projects may participate in different energy commercialization schemes, such as the future “RER Auctions” or the “Private Market” winning long-term energy sales contracts (“PPA”) with large users, traders or traders. of the RER Auction mechanism.

PROJECTS **BRAZIL**





This year 2020, Lader Energy is entering the Brazilian market, associated with Euder Energy (Spain), with the objective of initially developing a portfolio of solar and wind projects for more than 1 GW.

The Projects may participate in different energy commercialization schemes, such as future tenders or the “Free Market” winning long-term energy sale contracts (“PPA”) with large users or marketers.



OTHER PROJECTS



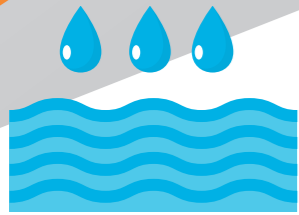


The bottled water revolution

We must take care of our water and not continue to extract from natural sources that are in a critical situation due to the climate change that is affecting our planet.

awa

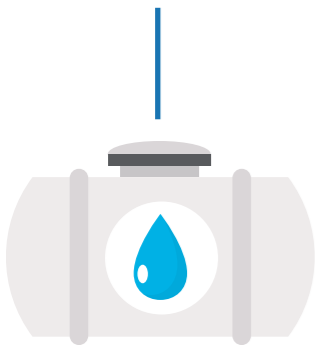
SOLARWATER



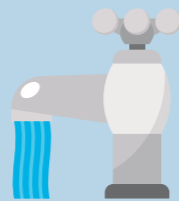
Water vapor from the air around us is introduced into the hydropanel through fans and is absorbed in special material.



Pure waters are discharged in an airtight system and condense in the hydropanel.



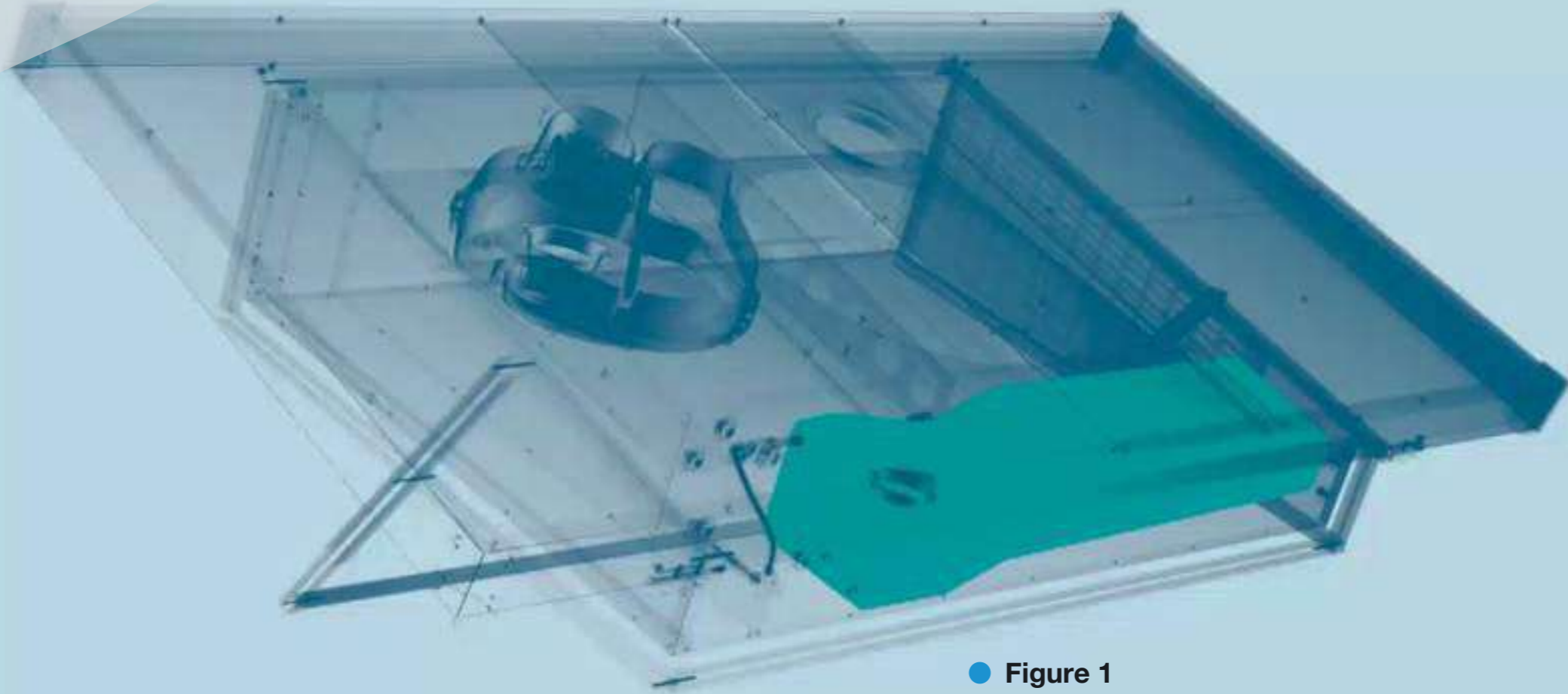
Water flows to the reservoir and materializes.



Drinking water passes through the flavor polishing cartridge before dispensing in a tap



The hydropanels are constantly monitored remotely. Both in its production and air quality.



● Figure 1

The hydropanel shows the process of condensation of the air that is then processed and stored in the 30-liter container, then goes through a water filtration process thanks to a connected filter, which manages to deliver a high purity water.

* The manufacturers of these Hidropaneles is the American company ZERO MASS WATER



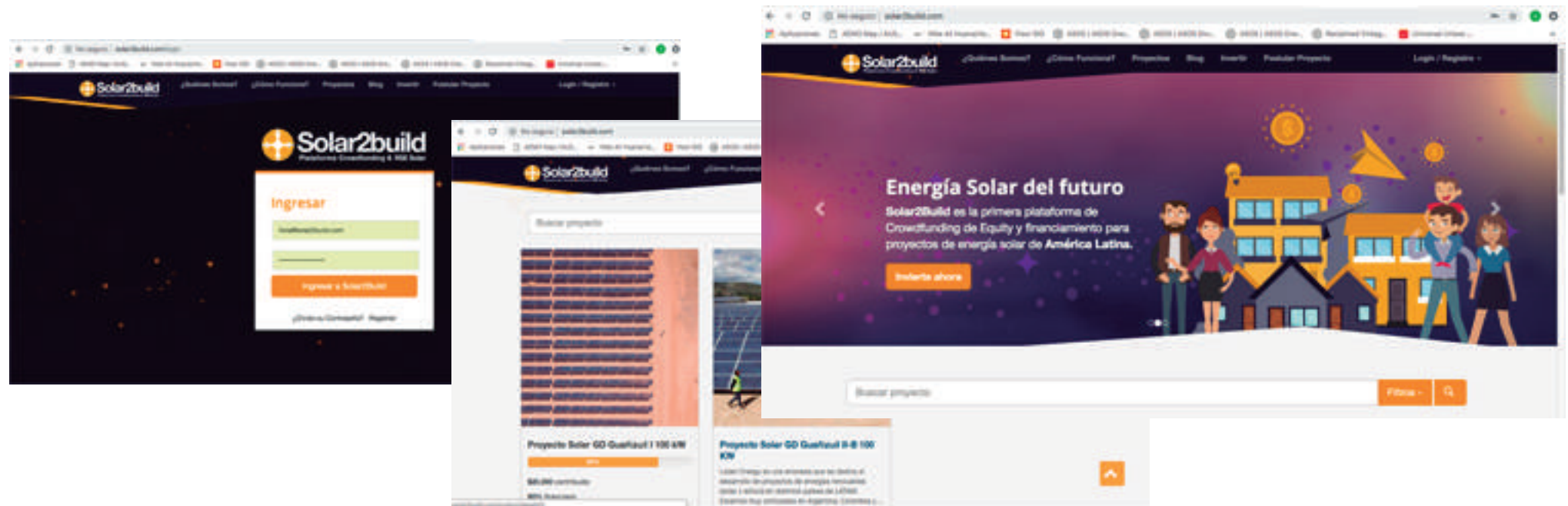
OUR BUSINESS MODEL:

Production and commercialization of bottled water for consumption, using hydropanel technology, where Lader Energy invests in hydropanel plants and signs an agreement to sell water with end customers such as retailers, shops, industries, mining companies, etc. WPAS (Water Purchase Agreements)



Solar2Build was born as a digital platform that promotes the use of solar energy in homes and companies thanks to a model that is innovative and very accessible to people, such as Crowdfunding.

In Solar2Build you will be able to present your solar project through our showcase, being the main solar showcase in the region. Everyone will be able to invest in or finance solar energy projects.



OPTIMISUN

SOLAR ARTIFICIAL INTELLIGENCE

Optimisun consists of a predictive monitoring system with artificial intelligence for the optimization of the production of photovoltaic plants. This project was developed together with Cima Consulting (Chilean company of technological transfer and innovation) and the Technological Center of Barcelona, Eurecat. Today, our first pilot is already in operation in a 40 MW solar park in Chile.





Renewable Market is a digital platform type MarketPlace that works as E-Commerce, so that users within the platform can buy and sell mainly equipment and solar energy facilities, small and medium scale wind power, batteries, electromobility, facilities and energy efficiency equipment, recycling and sustainability in general



Mercado Renovable

Energía a un clic



OUR
CLIENTS



WE ARE
ASSOCIATED WITH



