



PIRAMID-ALL  
Casas del Futuro

# PIRAMIDAL HOUSE

"GREAT RESISTANCE TO EARTHQUAKES and HURRICANES,  
EFFICIENT, SMART and SELF-SUPPLIED WITH RENEWABLE ENERGY  
(Solar + Wind + Solar Thermo) "

# BENEFITS OF THIS HOUSE.

It has great resistance to earthquakes and hurricanes.

Sustainable car with renewable energy (Solar + Wind + Solar thermo) and battery charger for electric vehicles.

Great energy efficiency.

These renewable energy equipment has little or no maintenance and a long service life.

Smart, with home automation, is the technology that turns the house into a smart and automated space, capable of optimizing energy resources (Internet of Things)



It can be isolated or connected to the household electrical network.

The excess energy produced can be injected and sold to the home electricity grid.

It does not contaminate the environment.

Simple, light, fast construction and long life.

Lower cost / m<sup>2</sup>, compared to traditional masonry construction.





# HOUSE TYPES

**Isolated House**  
Rural zone



**House Connected to Red Eléctrica**  
Urban Area - semi Rural



# BUSINESS MODEL

We are looking for construction and / or development companies with good backgrounds, financial support and technical availability, interested in taking the Patent License, in order to build and market this house   turnkey anywhere in the country.

The patent is currently (granted), a (License / Franchise) is offered for 2 to 5 years with the option to renew for 5 more years.

It is also intended to concession construction companies in other countries, preferably Chile, Central America, Mexico, USA and Japan, which are the countries where there are more earthquakes and natural disasters.





# RENEWABLE ENERGY

This project is designed with energy (solar + wind + solar thermal) and can be isolated or connected to the home electricity grid. Currently, the total average energy demand of a typical household of 4 people can be supplied, being from 7 to 10 Kwh / day.

- It has solar panels located on 1, 2 or 3 sides of the pyramid, depending on the energy you want to produce, complemented by a wind turbine at the top of the roof.
- Electrical connection to charge the battery of the electric vehicle.
- Solar thermos tank to heat domestic water and heat the house with radiators or underfloor heating



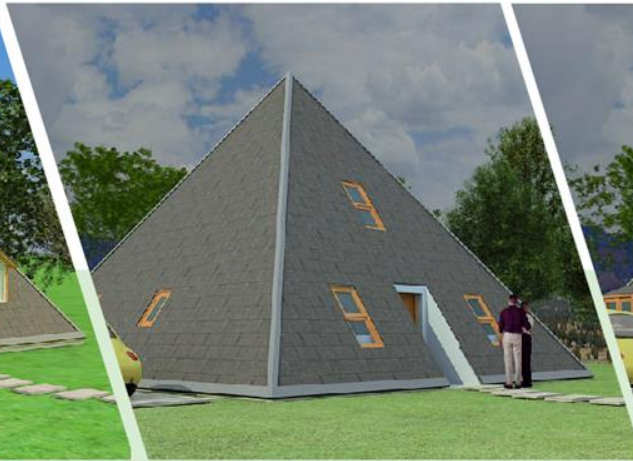
- The surplus energy that is produced and not consumed can be injected and sold to the grid, becoming a prosumer, under the Distributed Generation Law and the Net Balance Billing System.
- The structure is metal / wood and is designed to withstand great resistance to earthquakes and hurricanes, the foundation is with beams and a reinforced concrete plate.



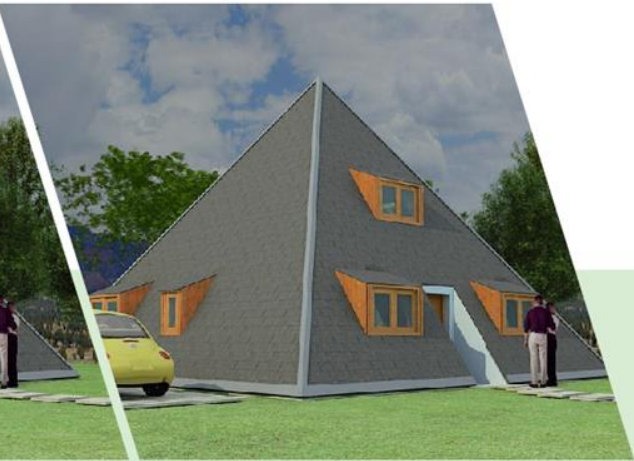
# TYPES OF FACADES



OPCIÓN 1



OPCIÓN 2



OPCIÓN 3



# TYPES OF FACADES



OPCIÓN 4

OPCIÓN 5

OPCIÓN 6

# PROPOSAL - SUSTAINABLE NEIGHBORHOOD



# MODEL





PLANTA BAJA



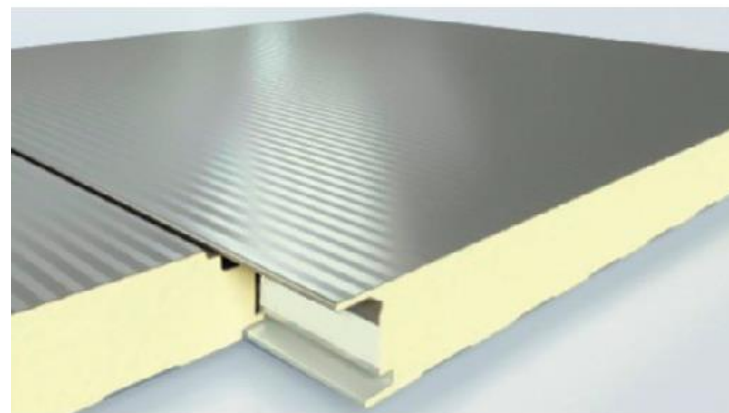
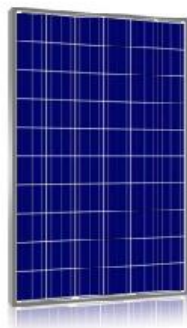
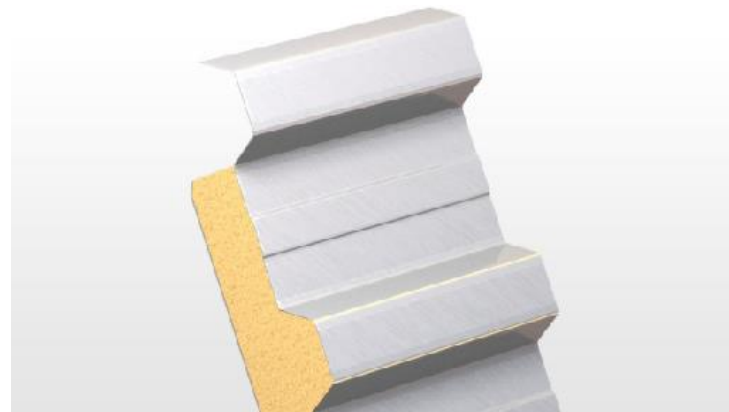


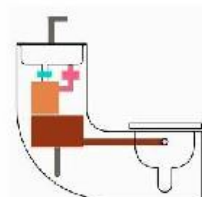
PLANTA ALTA





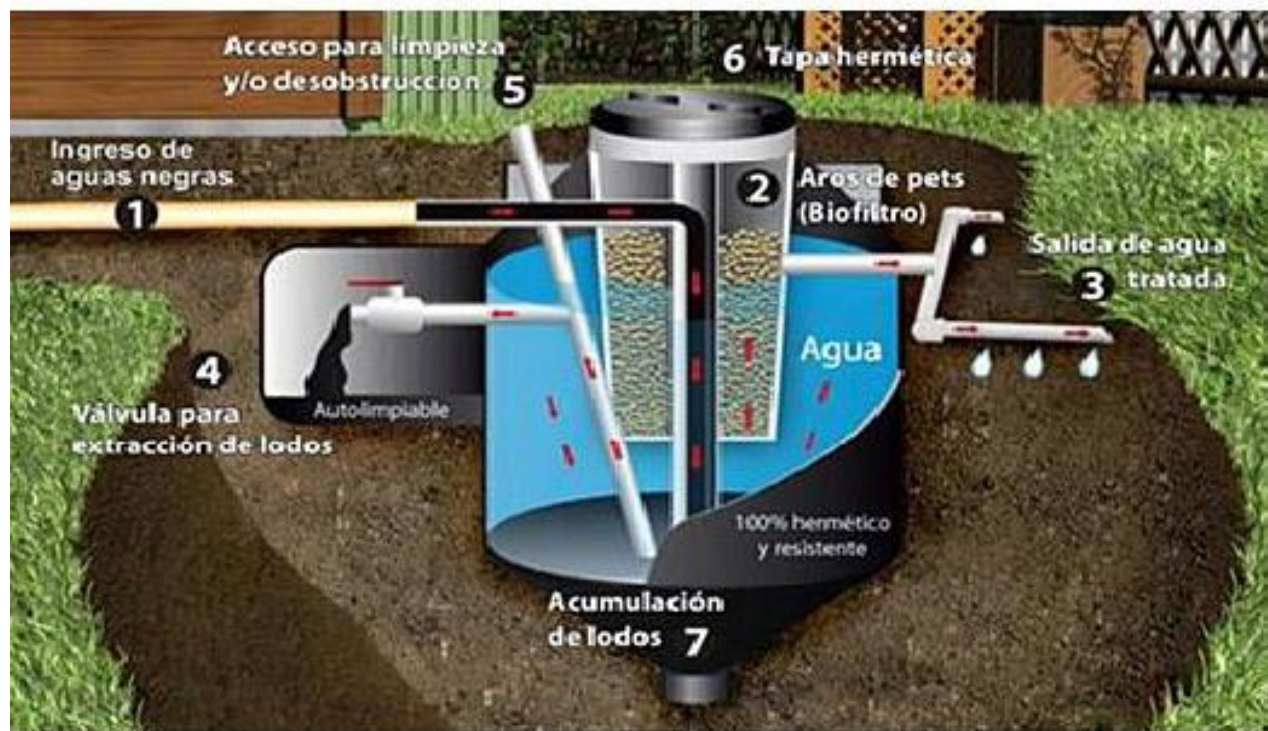
VISTA INTERIOR





- EL AGUA CORRIENTE NO SE DERIVARÍA
- SISTEMA DE FILTRAJE SELECTIVO
- SISTEMA DE TRATAMIENTO DE AGUA
- DEPÓSITO DE TRATAMIENTO
- CISTERNA WC







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