A SAFE INVESTMENT LIKE THE SUN
**EVOLUTION OF THE PLANT CONCEPT**

**ENERGY GENERATION**
It’s an innovative energy system with high efficiency for the production and use of thermal and electrical energy in buildings. It is an important step towards energy independence.

**ACTIVE HOME**
It’s able to make the building energetically active. That is to produce more energy than what is needed for electrical and thermal requirements. With the aid of energy storage, we reduce the withdrawal from the network.

**INTEGRATED PROJECT**
It is made up of a series of components assembled and optimized within an integrated building-plant project.

**ALL IN ONE**
it is a cutting-edge system for heating, cooling, and production of high-efficiency domestic hot water with water-water heat pump powered by a thermal-photovoltaic panels (Solar-One) and/or compact geothermal probes (Geo-Compact).

**WHAT THE ALL-IN SYSTEM PRODUCTS OFFER?**
Winter heating and summer cooling of the house.
The productions of domestic hot water.
Coverage of the electricity needs for the home with possibility to have an electrical accumulation in order to guarantee almost energy autonomy.
Excellent management of production and use of energy thanks to operating logics “to implement ad hoc” for each single installation made.
The step towards energy independence.

**ALL-IN SYSTEM IS COMPOSED OF:**
- Electric, thermal, and environmental energy generator
- Reversible water-water heat pump combined with hybrid photovoltaic modules
- Heat energy accumulators
- Electric energy accumulators
- Compact geothermal probes
- Electronic control unit with management software
- Radiant system with very high efficiency (hot and cold)
- Controlled mechanical ventilation to guarantee the best comfort (air exchange and dehumidification)

**Domestic hot water + Heating + Cooling in one SYSTEM ONLY**