



small wind · hybrid systems



## Wind Solar Photovoltaic Hybrid System

for off-grid locations with small energy consumption

in 3 months · reliable · clean



# The Energy Solution for areas not connected to the power grid

Conventional energy systems are becoming less sustainable and fuel prices are constantly rising. Kliux's Hybrid System is the ideal solution for isolated locations where the power grid is inaccessible or too costly.

This Energy Solution from Kliux Energies has been designed to meet the standard consumption requirements of a household or a small business not connected to the grid. Our solutions will provide savings in the utility bill and energy independence 365 days a year.

## What does the Kliux System offer? Recommended Applications

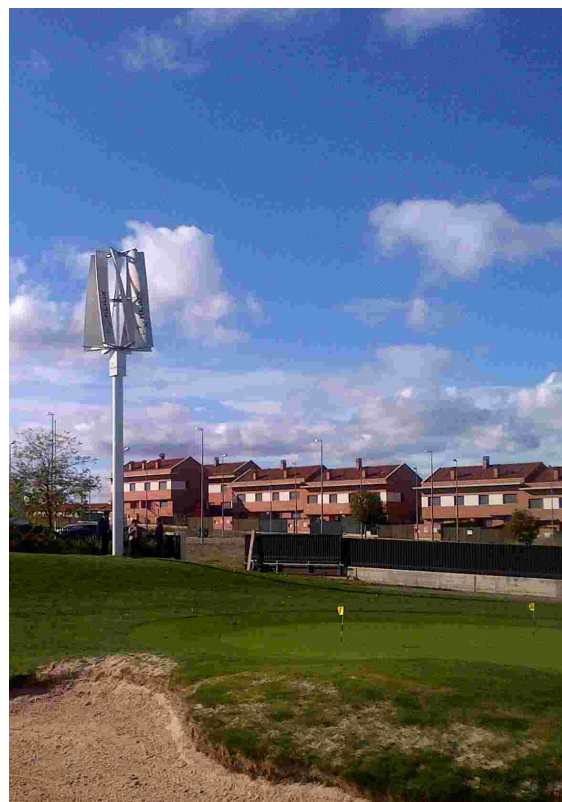
Our Project Management Office will study your case in order to offer you:

- Energy Self-sufficiency .
- Savings in your consumption and electricity bills.
- A robust system which is guaranteed for optimal performance.
- A commitment to the environment; reduced CO<sub>2</sub> emissions.
- Tax benefits and possible aid.

- Private homes and detached houses
- Cottages (hotels and homes)
- Mountain Cabins or Lodges
- Farms and Dairy Facilities
- Fish Farms
- Livestock Farms
- Wells
- Pumping Stations
- Small Recreational Property
- Camps and Farm Schools
- Water Treatment Plants



# The Hybrid Solution from Kliux Energies: cost effective, noiseless and reliable



## Case Study

A detached house, isolated from the power grid, with a consumption of 5,000 kWh/year by means of generators. The aim is to save on bills utility while living eco-friendly.

Kliux Energies suggests a configuration including the following components:

- 1 Kliux Zebra wind turbine
- 4 kWp installed power in photovoltaic modules
- All wind and solar regulators required
- Communication module
- 48 V / 800 Ah battery set
- Stand-alone inverter for battery management
- Backup Generator

- 100% coverage of energy needs
- Savings higher than € 10,000 in the first 10 years\*
- 5 year payback period
- 39,325 kg of CO<sub>2</sub> avoided = 131 trees planted

Design, assembly and electrical installation are included.

Any aid and subsidies would result in reduced investment and payback period.

*\* Lifetime of the wind turbine and photovoltaic modules: 25 years*