

# BIOenergy

www.bioenergysolar.com

## TECHNICAL DESCRIPTION:

Platform Support  
Modules  
Inverters  
Mooring system

## FLOTATION:

Flotation trough Polyethylene tubes  
Filled inside by porexpan  
Resistance to high loads  
Supports corrosive environments

## SUPPORT WITH VARIATION OF HEIGHT:

Extensible bars  
Galvanized steel  
Return of gain of 2.5% per year  
Own Design

## MOORING SYSTEM:

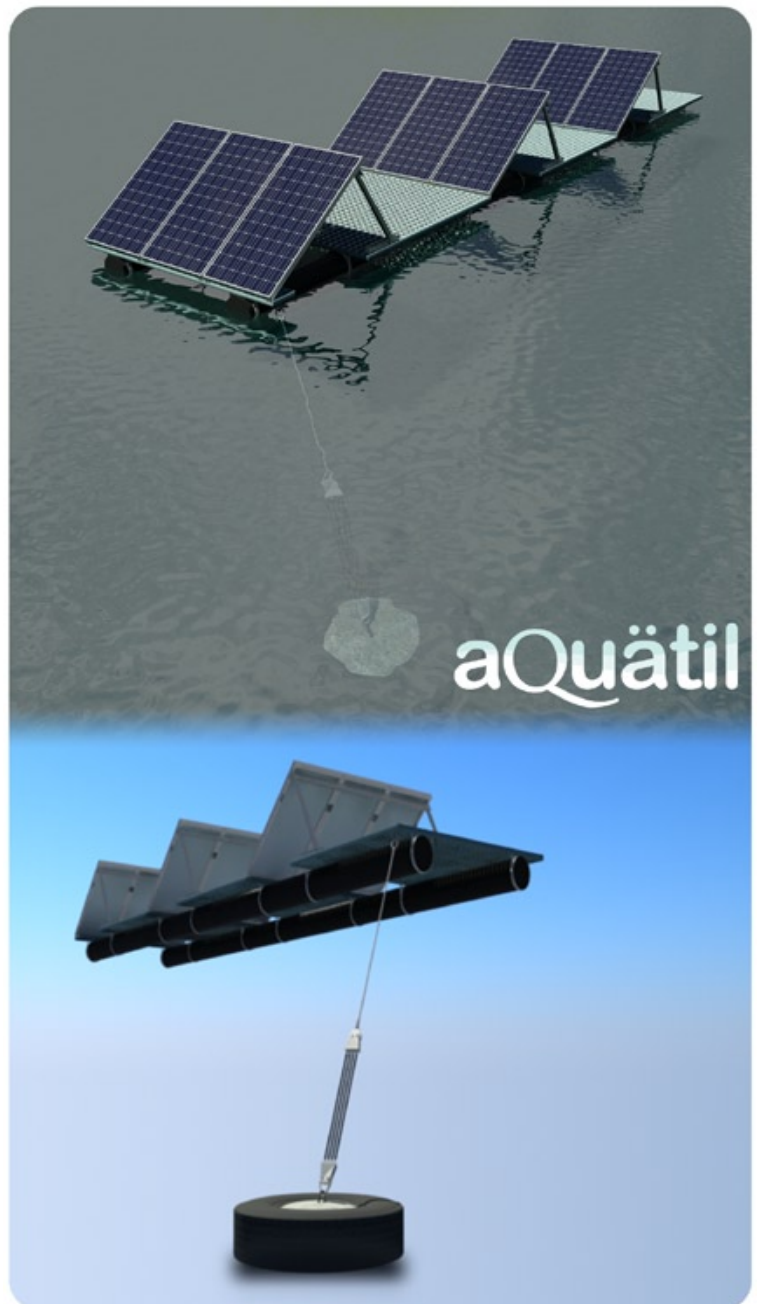
Variation of peak water level  
Support for high loads  
America's Cup Mooring system

## ADVANTAGES:

New investment for the future.  
Unique patented equipment at European level  
Saving on security systems  
Competitive cost with ground installations  
Declining problems of the shadows

# aQuättil

The company BIOENERGY SOLAR has created a new system for using photovoltaic solar energy for the aquatic environment, which has been patented under the name "aQuättil".



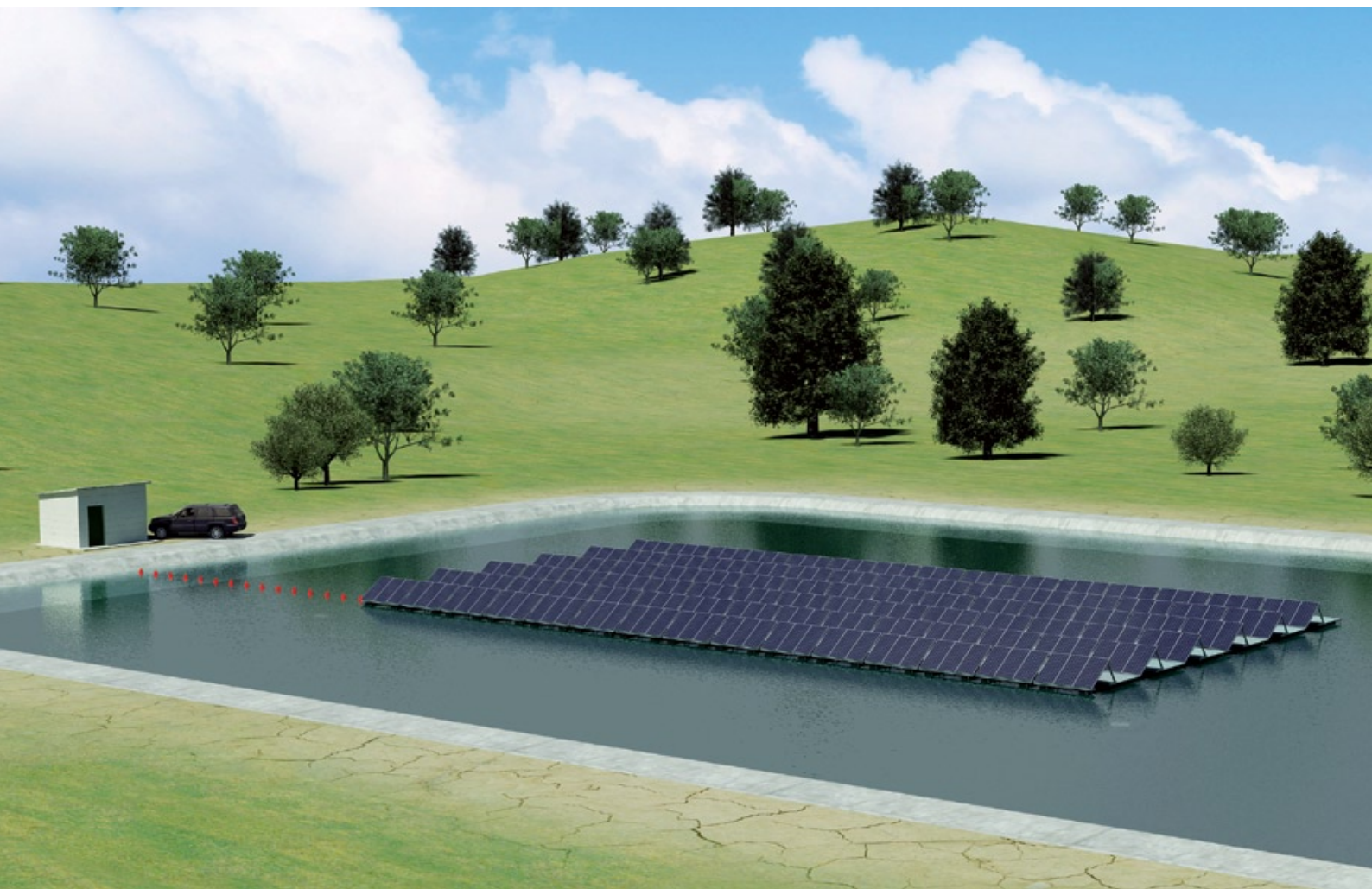
AQüatill is defined as an investment for the future to encourage the use of renewable energy worldwide, being the only equipment with universal patent. This is a step forward in the renewable energy market.

ADVANCED  
1107 West Sixth Avenue  
Cheyenne WY82001  
USA

# aQuättil

The platform has a size of 10 meters long and 2.5 meters wide, and capacity for 9 photovoltaic modules. The platforms must be fitted with the coupling link that allows multiple platforms shaping the final support that will cover the desired surface. The system will be anchored to the bottom through a modern mooring system allowing any variation of level in the water surface where it is. The platform will consist mostly in TRAMEX (grate) of galvanized steel, to avoid corrosion. The floating system will be through polyethylene tubing.

Although it could be located in quiet areas of the sea, in principle the project is designed to swamps, ponds and irrigation reservoirs.



Distribution:



**erpasa**  
www.erpasa.com

Certifications:



**SPAIN HEAD OFFICE**  
Uría, 31. 33003 **OVIEDO**  
Ph: + 34 985 20 95 17  
Fax: + 34 985 21 51 20

Avda. Juan Carlos I, 41, 5ºD. Torre Guillén.  
30009 **MURCIA**.  
Ph.: + 34 662 303 879

Avda. Manoteras nº38, Edificio A 303  
28050 **MADRID**. Ph.: + 34 902 444 010

**GREECE**  
Kyriazi 22A. 145 62, Kifisia. **ATHENS**  
Ph: + 30 210 8015 647  
Fax: + 30 210 8015 642

**FRANCE**  
Tour Pacific. 11, cours Valmy. La Défense 7  
92977 **PARIS**, Ph. +33 1 73 29 48 02

**ITALY**  
Via Podgora, 5,  
20122 **MILAN** Ph.: +39 02 5455862

Corso Vittorio Emanuele II, 326  
00186 **ROMA**, Ph.: +39 06 6813 6835

**GERMANY**  
Street: Askay 32, D-57439 **ATTENDORN**  
Ph.: +49-2311772412 / Fax: +49-2314772018

**USA**  
1670 NW 94 AVE. FL 33172. **MIAMI**  
Ph: + 1 305 599 1922  
Fax: + 1 305 599 1964

**COLOMBIA**  
Carrera 44 nº 38, Piso 16, Ofic: 16 A, B, C.  
Edificio Banco Popular. **BARRANQUILLA**  
Ph: + 575 3704342 - 3404267

**PORTUGAL**  
Av. Alberto Valente E.N 252 Nº102.  
Volta da Pedra, 2950-313. **PALMELA**  
Ph.: +351 212 338 680/81  
Fax: +351 212 338 679

Rua Julieta Ulbaldina Miranda,  
Armazem 12. Crestins, Moreira.  
4470-441 **MAIA - PORTO**  
Ph.: +351 212 338 681

**CHINA**  
Room 2804 707  
Zhangyang Road **SHANGHAI**.  
Ph: + 86 21 2898 6468

**AUSTRALIA**  
Unit 13 2-4 Surton Road Clayton **MELBOURNE**  
Ph.: +61 1300 88 37 87  
Fax: +61 03 9435 1952