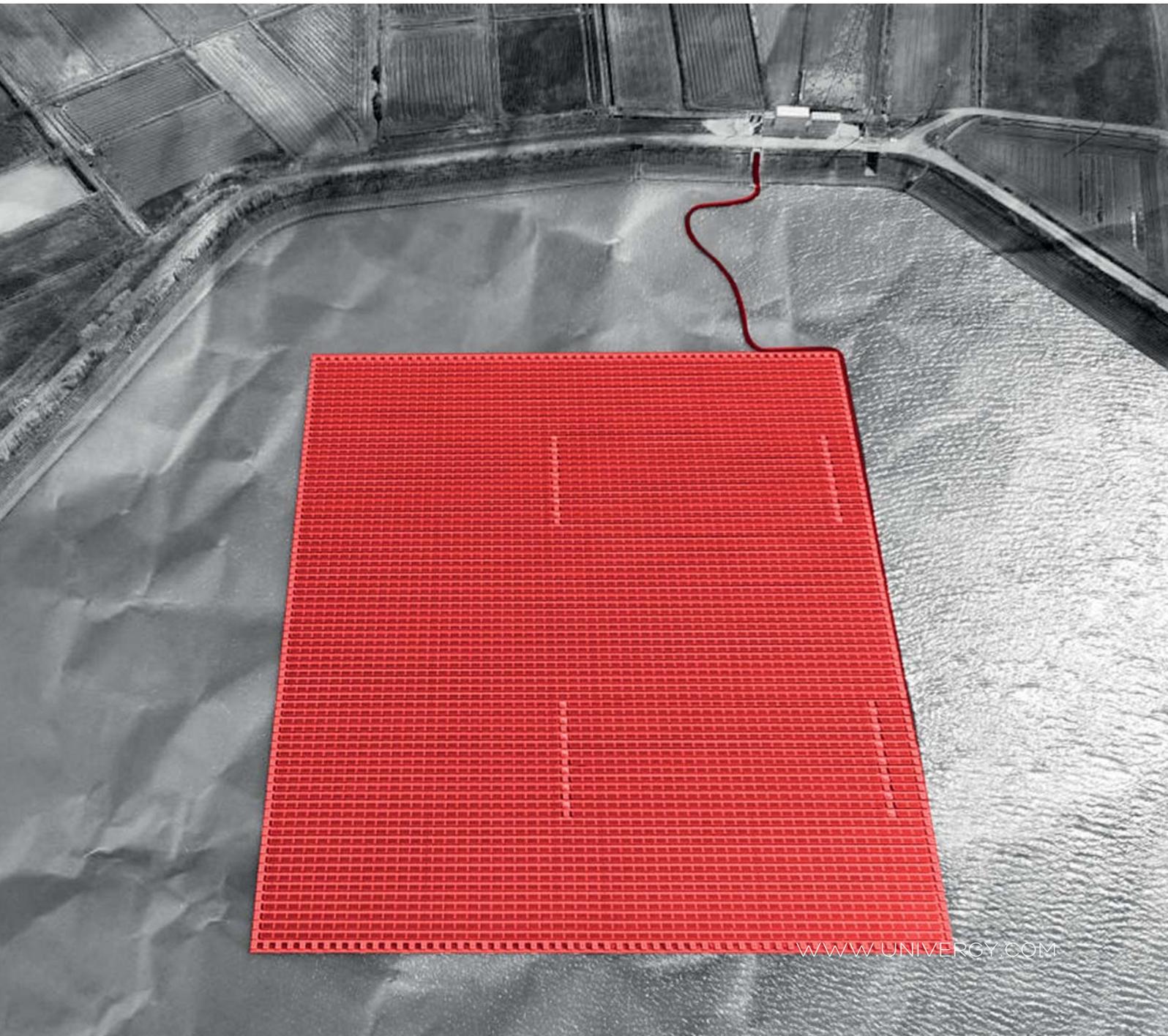


FLOATING SOLAR PROJECT



FLOATING PHOTOVOLTAIC MOUNTING SYSTEM



WHAT IS FLOATING SOLAR SYSTEM?

This is a new, reliable, and cost-effective solution for the production of solar energy.

This system is able to turn bodies of water into solar power plants, all while continuing to conserve the land and water by allowing the farm to utilize the reservoir for the generation of free, green energy. This energy is then used on-site to power the pump and other areas, saving a massive amount of energy that would have been provided by less eco-friendly sources.

The installation of solar panels on water allows landowners to increase their energy independence,

but without taking up valuable space on their land. At the same time, it also helps them to unlock the full potential of any unused bodies of water.

On top of this, this type of installations are also able to benefit from the government's Feed-in Tariff, so you can even make money from your floating solar panels. The system is able to perform more efficiently than a land-based system of a similar size due to the cooling effects that the water has on the panels. Evaporation is also reduced as the water is shielded from the sun. Due to the fact that the solar panels are only placed on the water found in reservoirs, there is also no disruption to the ecosystem.

FLOATING SYSTEMS ADVANTAGES



ENVIRONMENTAL BENEFITS

- Minimizes water evaporation and improves water quality and existing ecosystems.
- Limits erosion of reservoir embankments.
- Recyclable materials and easy decommissioning.



ECONOMIC BENEFITS

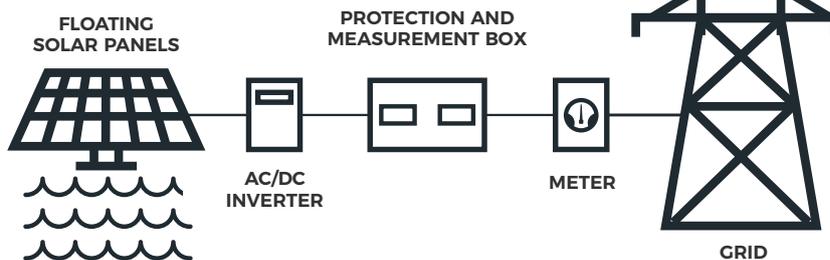
- In general the cost of water surface is much lower than the cost of land.
- Advantage unusable areas.
- Smoothest and fastest development processes.
- High power production thanks to water's natural cooling effect on the system.



SOCIAL BENEFITS

- Rehabilitates unused spaces for clean energies.
- Environmental amenity, pleasant aesthetics.
- Drinking water compliance.

> INJECTION ON GRID

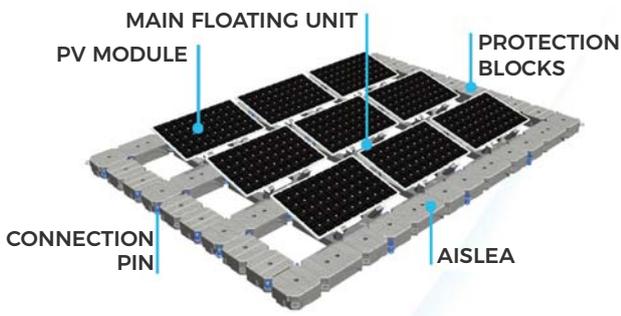


FLOATING SOLAR SYSTEM APPLICATIONS

- | | |
|--------------------------|--------------------------|
| 1. INDUSTRIAL | 5. MINE LAKES |
| 2. WATER TREATMENT SITES | 6. IRRIGATION RESERVOIRS |
| 3. DRINKING WATER AREAS | 7. RETENTION PONDS |
| 4. AQUACULTURE FARMS | |



> INJECTION ON GRID



FLOATING PV PLANT 1MW

WINDS UP TO	210 km/h
NECESSARY SURFACE	1,11 ha
ANCHOR	3000- 4000 daN
SPREADER BAR	1,6 ton
COMPATIBLE PV MODULES	60 & 72 cells
INCLINATION ANGLE**	5° - 40°
ANNUAL ESTIM. PRODUCTION*	1200-1900 MWh/year
ESTIMATION CO2 SAVING*	500-800 TnCo2eq

* The production will depend on the latitude of the area.
 ** CO₂ saving depends on the country's energy mix.



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