

PRODUCE YOUR OWN ENERGY AT A CONTROLLED COST WITHOUT ALTERING THE LANDSCAPE!

TRAFFIC-READY AND INTEGRATED SOLAR POWER PLANT

Wattway PLUS is a turnkey **photovoltaic solution** that enables renewable energy to be produced by **pooling the land used for** seaport infrastructure.

Integrated into **quays, jetties, walking areas**, forecourts and car parks, Wattway PLUS is a way of developing your **internal consumption potential** on a massive scale by **consuming your own electricity produced**. This electricity, injected into your buildings (harbour master's office, sanitary facilities, warehouses, etc.), powers your everyday electrical appliances.



Traffic-ready photovoltaic power plant integrated into the quays and pontoons of a marina.

It is now possible to produce renewable energy **without altering the landscape of tourist sites**. Wattway PLUS is a solution that visually preserves your estate while **controlling your energy bills**, particularly during the tourist season.

THE BENEFITS OF THE SOLUTION



A solution for discreet architectural and landscape integration



A solution when your roof space is limited or saturated



Optimization of land resources



No wind factor



Avoids the need to degrade new surfaces



Enables to reduce the carbon impact of your activities



Non-slip system



Without reverberation

WATTWAY PLUS INSTALLATION AREAS



Quays, jetties, pontoons, walking areas, forecourts, car parks and cycle paths are just some of the areas available for installing Wattway PLUS.

PRODUCTION POTENTIAL OF A SEAPORT INSTALLATION

This study was carried out on a sample of 9 ports in Europe. The surface areas shown are estimated based on an average of several ports of similar size. Estimated production is based on sunshine levels in the towns mentioned.

AVERAGE SURFACE AREA (m ²)/INSTALLATION AREAS	PORT 3,000 to 5,000 spaces (e.g.: Port Camargue, Fr)	PORT 1,000 to 3,000 spaces (e.g.: La Trinité, Fr)	PORT 500 to 1,000 spaces (e.g.: Port d'Arechi, Italy)
Pontoons & booms	12,219	4,223	3,434
Quays & forecourts	26,303	14,406	10,530
Car parks	23,000	9,577	4,512
Walkways & jetties	13,158	4,092	3,792
TOTAL SURFACE AREA (M²)	74,680	32,298	22,269
EQUIVALENT PRODUCTION WATTWAY (MWh/year)	15,701	5,704	5,196
EQUIVALENT TO ENERGY CONSUMPTION IN NUMBER OF DWELLINGS *	1,570	570	519

*Assumption: The average electricity consumption for a 4-person household with a 100 m² house is 10,000 kWh per year. (Source: ENGIE)



IEC 61215
IEC 61730



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TEST - CERTIFICATION PHOTOVOLTAÏQUE