

STAND-ALONE SECURE BICYCLE SHELTER

BENEFITS OF THE SOLUTION



Enables the self-sufficiency of the secured bicycle shelter equipped with electric bike charging stations



No need to connect to the grid (quick installation, few administrative procedures, reduced work disturbance, etc.)



Can be integrated on the sidewalk or road



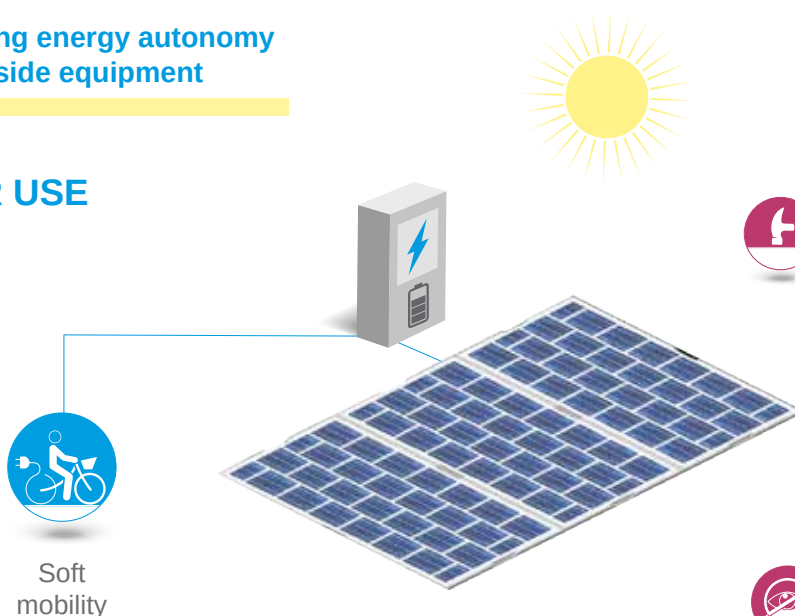
The Nielsen Concept Mobilités bicycle shelter is self-sufficient in energy thanks to Wattway Pack

WATTWAY PACK INCLUDES:

- A system for generating electricity using Wattway traffic-ready photovoltaic slabs;
- A system for storing the electricity produced;
- A secured bicycle shelter (12 to 24 bicycle parking spaces depending on configurations)

Providing energy autonomy to roadside equipment

YOUR USE



ADVANTAGES



Sturdy



Packaged Offer



Scalable



Autonomous



Esthetically pleasing



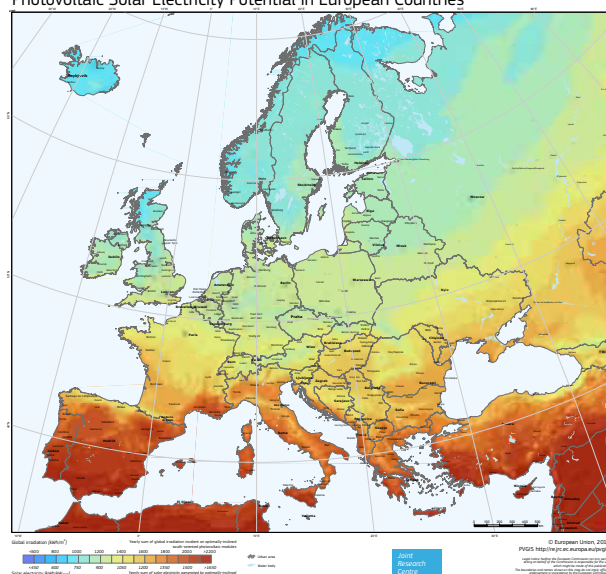
POSSIBLE DESIGN WITH WATTWAY SLABS

The charging proposed below corresponds to the electricity requirement for an average journey of 8 km, i.e. approximately 15% of the battery. To identify each area in Europe, please refer to the map.

Source: *Evaluation study on bicycle services, Sept 2016 ADEME*

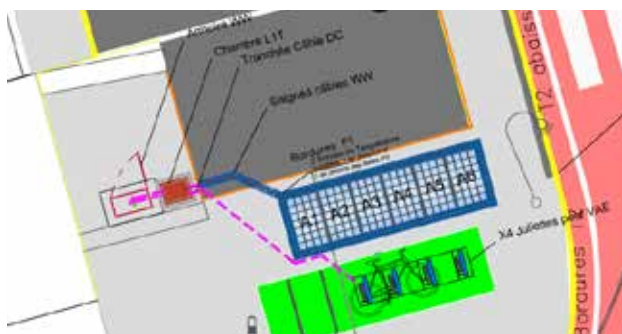
Average number of charges / day	ZONE 1	ZONE 2	ZONE 3	ZONE 4
3 panels	8	9	10	12
6 panels	18	20	22	25
9 panels	28	31	34	39
12 panels	37	42	46	52

Photovoltaic Solar Electricity Potential in European Countries



LAYOUT PRINCIPLES

Quick installation and reduced work nuisance. Here, an example of a 6-panels Wattway Pack with 4 charging stations for e-bikes.



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