

AUTONOMOUS BICYCLE COUNTER

THE SOLUTION

A bicycle counting system that can be installed along a cycle path, this solution meets the requirement of local authorities to measure the number of people using the cycle paths. These statistics measure ridership and assess the effectiveness of policies to promote soft mobility.

The system's energy self-sufficiency is ensured by Wattway Pack, a traffic-ready photovoltaic slab glued directly to the cycle lane.

In France, up to 8 days of autonomy, with 24-hour operation, for a daily consumption of 50 W and an integrated battery storage capacity of 0.8 kWh.



1 Wattway slab makes the bicycle counter autonomous

THE WATTWAY BICYCLE COUNTER PACK

Supply of a Wattway Pack kit



Supply and installation of a Wattway Pack kit



+



Supply and installation of a Wattway pack + installation of the counter



+



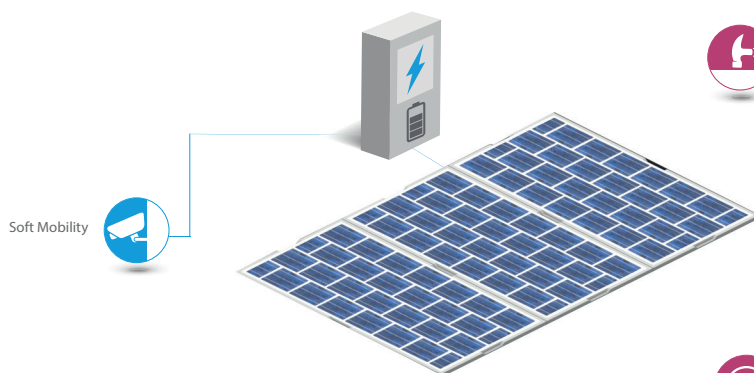
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Providing energy autonomy to roadside equipment



USES



ADVANTAGES



Sturdy



Packaged Offer



Scalable



Autonomous



Esthetically pleasing



THE BENEFITS OF THE SOLUTION



No need to connect to the electrical network (quick installation, very few administrative formalities, reduced disturbance due to work, etc.).



Civil engineering on the roadside, installation of the photovoltaic slab and its connection take a maximum of 2 days.



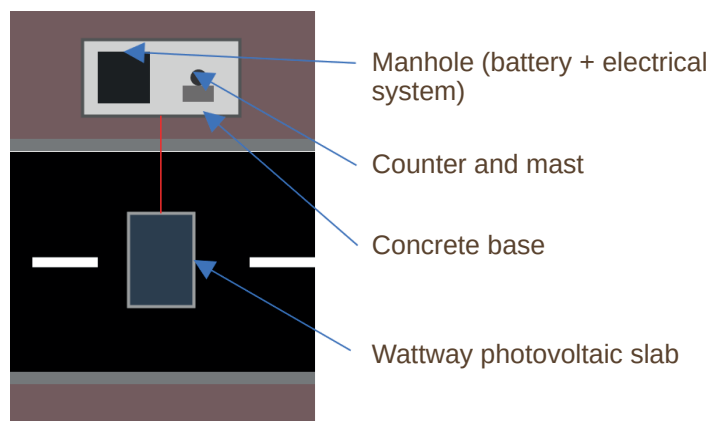
Visually discreet, the slab blends in perfectly and becomes integral with the floor. The tamper-proof nature of the photovoltaic slab enables to avoid service disruptions due to vandalism.



INSTALLATION PRINCIPLE

The complete range includes :

- A bicycle counter and mast
- One Wattway photovoltaic slab (or two depending on irradiation)
- An underground chamber with manhole (battery + electrical system)
- A concrete base
- Wiring from the slab to the counter



To find out more about our projects: wattwaybycolas.com