Solar facade Slovenia

Why is solar power important for building facades?
We believe that the generation of solar power from facade surfaces as a complement to roofs and open spaces has enormous potential for the realization of the energy transition. Our solution enables our customers to turn their building facades into active energy producers,save CO2 emissionsand position themselves as sustainability pioneers.

What is a solar facade?
Using high quality materials and processes the solar facade is first and foremost a high performance cladding,that can out-live most traditional materials and do so while providing energy resiliency and predictability. Want to be part of our future?

What is a ventilated solar facade?
The ventilating layer further more helps to lower the thermal load of the building by up to 66%, whilst generating free and sustainable electricity. The ventilated solar facade allows fast and easy installation, inspection and reuse, on both new-builds and retrofits

Can solar panels be used for facade cladding?
METSOLAR Solar panels for facades &ventilated PV systems Solar panels can be used as solar facade cladding solutionthat fits both new facades (for integration) and existing facades for renovation or update of facade,turning it to energy efficient building solution.

Where are custom solar facades made?
Leveraging premium materials,and processes that have proven the test of time we manufacture our custom solutions in Denmarkwith a broad network of EU specialists to provide innovative and world leading custom solar facades.

What are Solar-Facades(BIPV)? Solar Facades are a form of a BIPV that converts renewable energy from the sun into electricity. Solar Facades are like any facade, but with modifications. They are integrated into any building and construction and serve the secondary purpose of generating electricity. They observe excessive heat, air pollution and dampens the sound. ...

The SPIDI ® facade system provides a flexible solution for photovoltaic facades, where the photovoltaic modules represent the surface of a curtain-type rear-ventilated facade. They have the design and functional properties of ...

A demonstration system for an air collector façade: 1.5 years ago, the Slovenian company Solar Thermo Sistems STS Inc. covered one part of the façade of the Technopark III building in Celje, Slovenia, with 88 m 2 of air ...

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The rules, introduced by a government regulation, also set out where it is possible to set up solar power plants. These will be allowed on existing buildings, facades, balconies and car parks regardless of their size as well as in the wide areas of roads, railways, electricity production facilities and landfills.

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The SPIDI ® facade system provides a flexible solution for photovoltaic facades, where the photovoltaic modules represent the surface of a curtain-type rear-ventilated facade. They have the design and functional properties of conventional facade materials and thus enable almost unlimited options for implementation.

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Our PV facade modules are lightweight and price competitive, therefore can be chosen as building cladding option to achieve visual appeal and energy efficiency. Our produced solar panels can be customized to fit your prefered system of mounting/ fixation to the wall.

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We see energy-producing buildings, wrapped in stunningly beautiful, resilient and maintenance-free facades. We want to give the world de-carbonized and electrified cities without compromising the quality of our buildings or our urban experience....places worth living in and around

At the new Faculty of Chemistry and Chemical Technology and Faculty of Computer and Information Science building in Ljubljana, we have completed the installation of the largest aluminium sunbreaker facade in Slovenia. The facade is 6000 m2 in size and includes 70 tons of steeland 80 tons of aluminium.

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The façade system is not only responsible for energy savings and electricity production, but also provides effective protection from intense sunlight through adaptive shading. The result is even so far-reaching that, depending on the building, air conditioning systems become superfluous or can at least be operated with self-generated solar power.

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Web: https://gennergyps.co.za