

Press release

Solaxess© receives the 2021 Watt d'Or as partner of the residential district project in Männedorf (ZH)

On January 7th, this year, the award ceremony for the Watt d'Or 2021 trophies was held in Bern by the Swiss Federal Office of Energy (SFOE). Among the five categories of the competition, the one for "Buildings and Spatial development" was won by Umwelt Arena Schweiz and the architectural office René Schmid Architekten AG.

It is with great pride that Walter Schmid and René Schmid shared their enthusiasm by citing the names of their partners who contributed to the success of this project. Among the partners of choice, Solaxess SA stands out for the integration of its white film technology in the photovoltaic panels (manufactured by New ISSOL, Belgium) installed on the facades of the buildings. Winner of the Watt d'Or 2021, this distinction awarded to Solaxess SA emphasizes the best energy performance under the aegis of the SFOE.

[\[-> attached Männedorf pictures\]](#) [\[-> PDF image distinction watt d'or 2021\]](#)

How does it work?

Our new technology makes it possible to produce white and colored solar modules, totally uniform, without any visible PV cell or connector. The principle is based on two elements: 1) the manufacture of a nanotechnological film, composed of many materials, including a highly reliable polymer resin which ensures the good stability of these different components 2) the adaptation of the lamination process (bonding of the film between the PV cells and the glass), which guarantees the integrity of the panel laminate, independently of the specificities of each PV manufacturer. The production of modules in white or any other color is possible for standard crystalline silicon or CIGS solar modules. The construction sector is our main market. Solaxess SA supplies its films to PV module manufacturers worldwide, enabling them to provide architects, developers and ultimately owners with active white or colored building elements that are cost-effective, durable, and aesthetically pleasing.

Price and market

The special circumstances of 2020 allowed us to focus on the development of new colors and a simplified application of the product inside a photovoltaic module. Moreover, within the same timeframe, Solaxess SA has managed to improve its production technique and divide the selling price of its product by a factor of three. As a direct consequence of these outstanding improvements, major international groups have become our customers and Solaxess SA was thus able to conclude an exclusive distribution contract for the world's largest market, which is currently China.

About Solaxess SA...

Solaxess SA develops and markets white and colored films for the aesthetic integration of photovoltaic modules in façades and roofs. Thanks to its technology, the panels can finally adapt to the demands of the construction sector and other fields. Façades become colored and produce energy, while being aesthetically pleasing. Solaxess SA is the sole owner of several patents necessary for the realization of its nanotechnological films. The research and filing of these were carried out by the CSEM in Neuchâtel, an R&D center specializing in microtechnology, nanotechnology and photovoltaic technologies.

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[-> 2 images Männedorf



[-> image distinction PDF watt d'or]



LA DISTINCTION POUR LES MEILLEURES PERFORMANCES
ÉNERGÉTIQUES SOUS L'ÉGIDE DE L'OFFICE FÉDÉRAL DE
L'ÉNERGIE

DIE AUSZEICHNUNG FÜR BESTLEISTUNGEN IM ENERGIE-
BEREICH UNTER DEM PATRONAT DES BUNDESAMTS FÜR
ENERGIE

RICONOSCIMENTO ASSEGNATO DALL'UFFICIO FEDERALE
DELL'ENERGIA AI MIGLIORI PROGETTI NEL CAMPO DEL
RISPARMIO ENERGETICO

NOM/INSTITUTION: **Solaxess SA**
Rue des Indiennes 13A
2074 Neuchâtel

CATÉGORIE: **Bâtiments et espace**

PROJET: **CO₂-neutrale Wohnüberbauung**
Männedorf

Berne, 7 janvier 2021


Benoît Revaz
Directeur de l'OFEN


Pascale Bruderer
Présidente du jury