



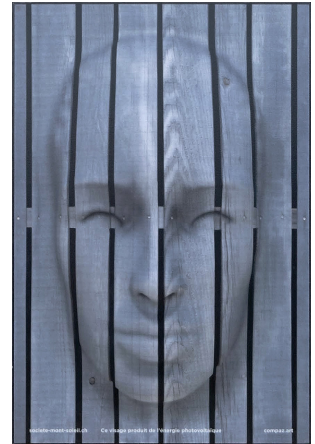
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FACE À PHASE

Illustration on photovoltaic panel, size 1300 x 875 mm



The artists of the association Compáz present their work *Face à Phase* which merges art and science. With this art installation they continue to expand the scope of new technologies. The image is meant to generate positive energy. It hangs vis-à-vis its interlocutor, creating a mysterious relationship by the face emerging from the wood. Real tension since the artwork itself produces electricity!

The technology used was developed by the Swiss Center for Electronics and Microtechnology (CSEM) in Neuchâtel and the company Solaxess in Marin-Epagnier. This technology makes it possible to customize photovoltaic modules with high resolution photos. The desired image is printed on a film that has been specifically designed for a functional integration with the photovoltaic module. The film can be replaced if it is damaged or if the visual has to be changed. Thus, the old photovoltaic module then lives on with a new look.

The photovoltaic module presented here, with a nominal power of 130 W, is equipped with a micro-inverter having an output voltage of 230 V AC (single-phase). It could therefore be directly connected to the 230 V grid of the visitor pavilion.

By demonstrating the versatility of photovoltaics, Compáz presents the almost unlimited potential of future applications of renewable energies.

Artistic concept:

Compáz (www.compaz.art)

with the contribution of Raphaël Pizzera, Pierre Jeanneret and Lori Droel

Technology partners:

CSEM SA (www.csem.ch)

Solaxess SA (www.solaxess.ch)

Entreprises partenaires:

BKW Energie SA, ABB Suisse SA, AEK Energie AG, AEW Energie AG, onyx Energie Mittelland AG, Société des Forces Electriques de La Goule SA.

Partenaires affiliés:

Bourgeoisie de Saint-Imier, Municipalité de Saint-Imier.