

# Mirai Solar: Turning shades into electricity

We capitalize on the world's need for shade by turning blocked sunlight into affordable electrical power with smart solar energy systems.

Our first commercial product, the *Mirai Screen*, is a photovoltaic (PV) shading solution to enable sustainable food production in net zero-energy greenhouses.

## Foldable and retractable solar panels

For the American Made Contest, we are prototyping a new product for façade and building integration in greenhouses and buildings in general.



## Four pilot installations

We piloted our PV screens in an area of >1000 m<sup>2</sup> in regions with high solar irradiation, showing examples of covering up to 90% of the greenhouse energy demand.