



# Vision

Our vision is to bring photovoltaic into architecture and electricity to everybody.





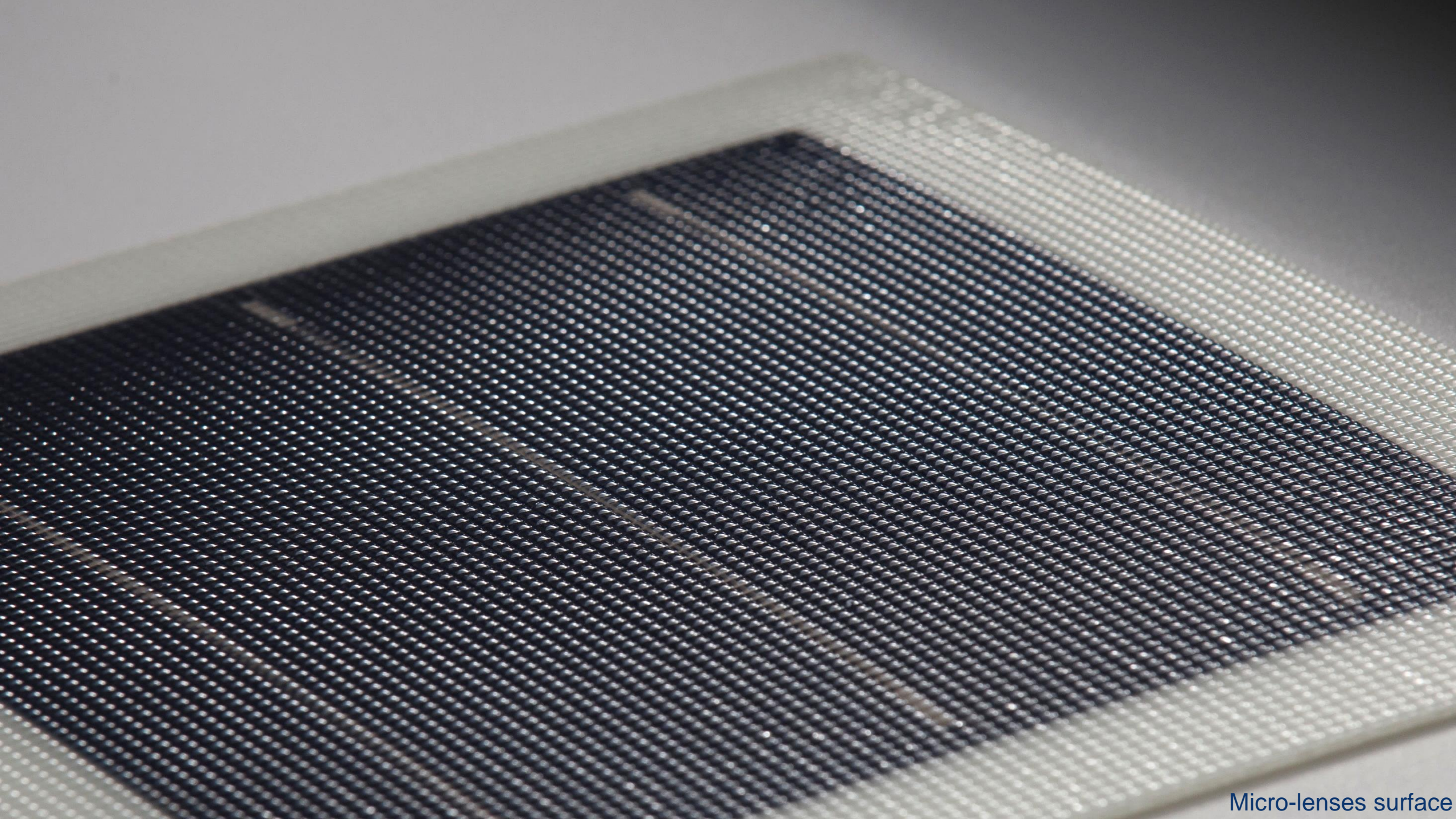


Flexible & lightweight



Different colors available





Micro-lenses surface





Non-reflective surface











# PV Facades



## Key facts

- Standard full-black modules
- Optional colored cells and background
- Custom module size
- Easy-mounting system
- Mounting service & General contractor by DAS Energy





# PV Rooftops



*Synthetic membranes*

## Key facts:

- Designed for buildings with low bearing capacity
- Quick installation
- Gluing possible on almost all roofing materials
- No drilling in the roofing materials
- Outstanding weight/power ratio



*Bituminous membranes*





# PV Rooftops



*Metal roofs*



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# Landmark project

## AFAS Center in Leusden (NL)



A project realized by  
**COMDIS**  
— EUROPE —  
Innovative Energy Saving Solutions

### Project key facts

- 1.147 modules 72-cell, Mono 350Wp
- 400 kWp installed power
- Installation on a PVC roofing membrane



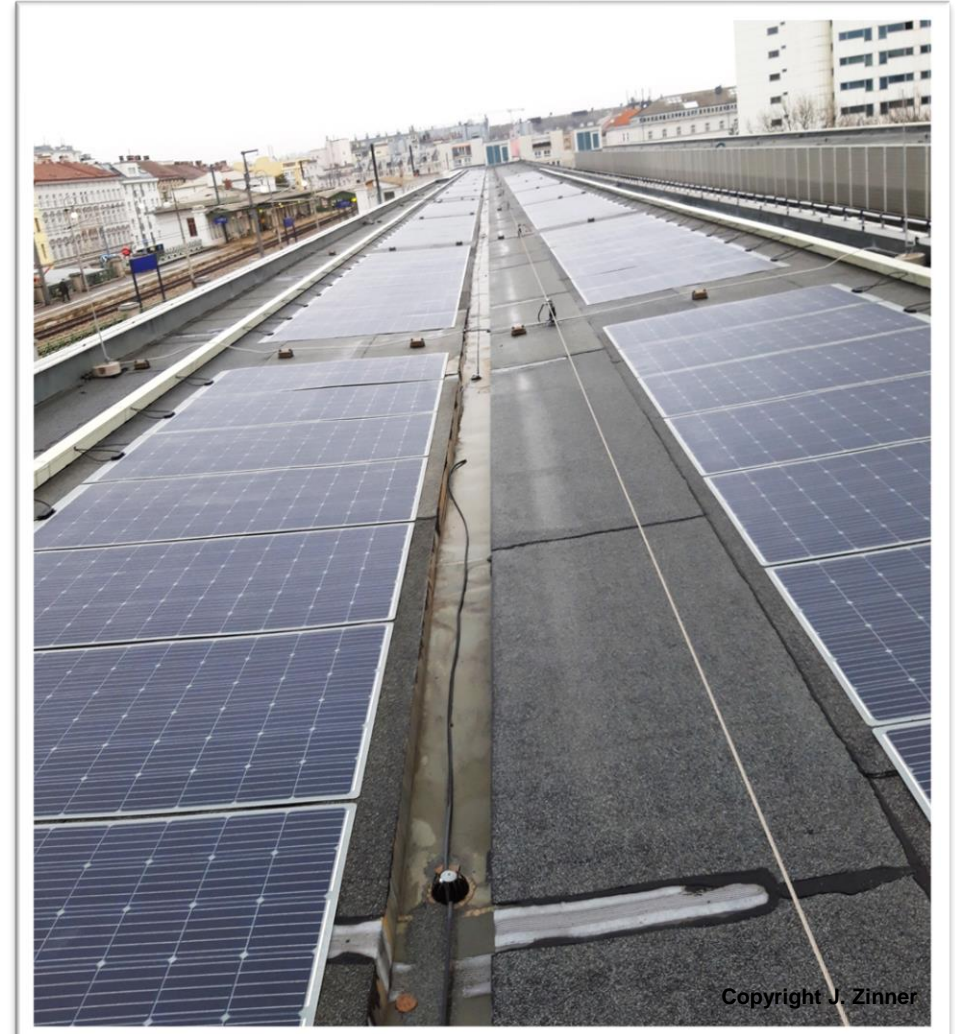
# Special project

## Wiener Linien in Ottakring, Vienna



### Project key facts

- 180 modules 72-cell, Mono 350Wp
- 61 kWp installed power
- Installation on a bituminous roofing membrane
- No grounding of the PV modules





# A unique product

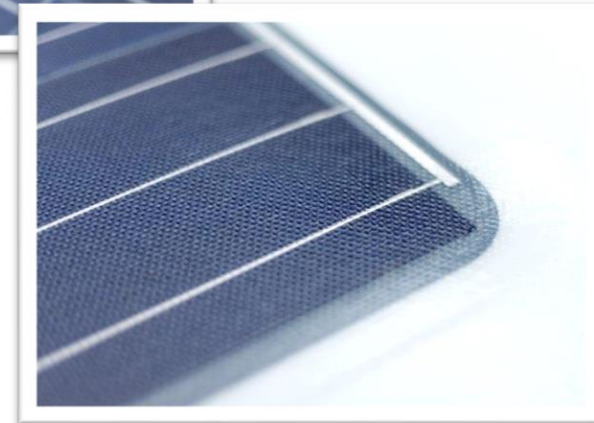
## Alwitra EVALON Solar cSi



- the DAS Energy module laminated directly onto a roofing membrane
- One-step waterproofing and PV installation on site
- Up to 2x 350 Wp per membrane



**alwitra**   
DIE DACHMARKE





# Solar golf carts



## Key facts

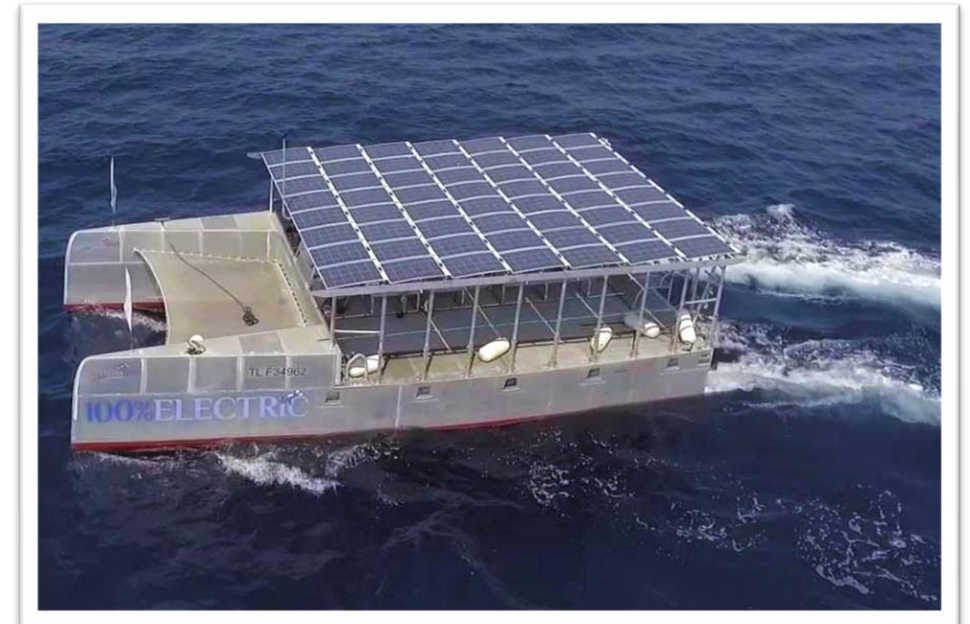
- Low weight
- Sleek, elegant design
- Low drag force
- Range extender
- Battery lifetime extender



# Yachts & electric boats



*Silentyacht*



*Heliodive*



# Yachts



## Key facts

- Premium design & integration
- Bifacial cells, transparent backsheet
- Sea water resistant
- Extreme UV-resistance



## Project key facts

- 6x 110 Wp modules = 660 Wp
- Yield of 7 kWh/day in southern Europe
- Powering all needs on board (except A/C) including 600L desalinated water



# Other mobile applications



*Campers*



*Carts for disabled people*



# Wind turbines

Pilot project with Energie Burgenland



## Key facts

- Mounting without drilling
- Safety of the low weight of the modules
- Supply of the own consumption of the turbine





# Wind turbines

Pilot project with Energie Burgenland



*Intentional test drop of a DAS Energy PV module*





# Noise barrier PV

Pilot project for the Austrian Federal Railways (ÖBB)



## Key facts

- For railroads and highways
- Improved noise cancellation
- Double usage of existing surfaces
- Improved durability thanks to the flexibility of the DAS Energy modules





# PV Greenhouses



## Key facts

- Ultra lightweight
- Flexible and translucent design
- Withstands extreme weather conditions
- Customization of the PV modules to match the needs of the plants
- Optional battery storage and water-pumping for off-grid operations

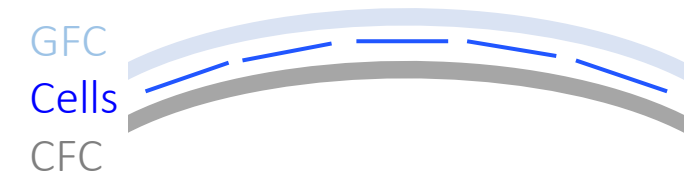




# Floating systems



Schematic cross-section  
(without top and intermediate layers)



## Key facts

- Fast mounting solution without cumbersome on-land setup
- Preventing water evaporation and degradation
- Cost-efficient construction







**AS FLEXIBLE AS YOUR IMAGINATION**

