

Apollo

September 2023



2023 – Scale & Innovation

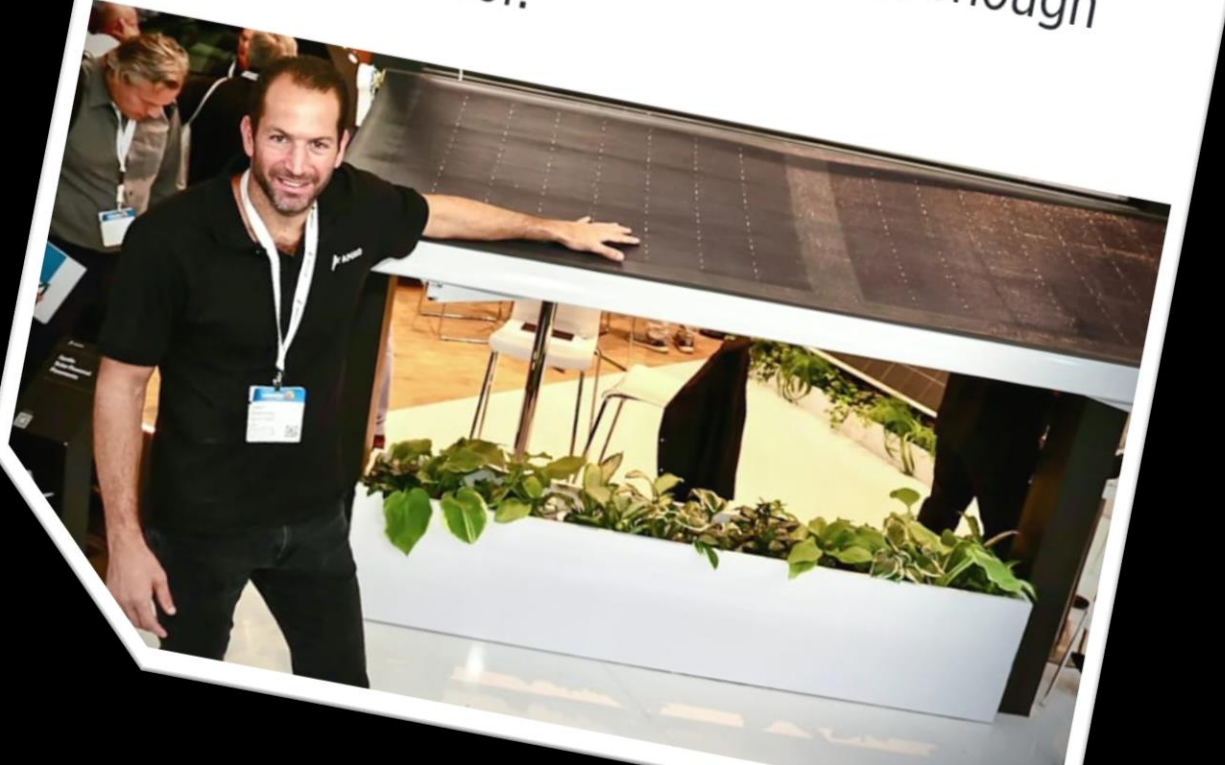


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together.

An awning that powers the fridge

The product from the Israeli manufacturer Apollo is also interesting: a flexible photovoltaic film that is only 1.5 to two millimeters thick, depending on the application. This patio awning has an extended area of about 6 square meters, produces 480 watts of electricity, enough for a refrigerator.

A man in a black shirt and a lanyard is standing next to a white planter box. A solar awning is installed on top of the planter box, and the man is pointing towards it. The background shows an indoor setting with other people and plants.

Company Overview

Established in 2014

Traded on the Tel-Aviv Stock Exchange, developed a unique technology for producing flexible solar film

Growing Company

~120 team members
Annual growth in all parameters
300% income increase in 2022

Ground-breaking technology

Developing and manufacturing of flexible, highly efficient, durable and low cost solar cells.
Developing self-production abilities by establishing a flexible solar panel factory, Israel's first and the world's largest - 190MWp/y

Global Partnerships and business

Amazon, Audi, Hyundai
VW - First commercial order of 33 M Euro for after market product

Vote of Confidence by the Stock Market

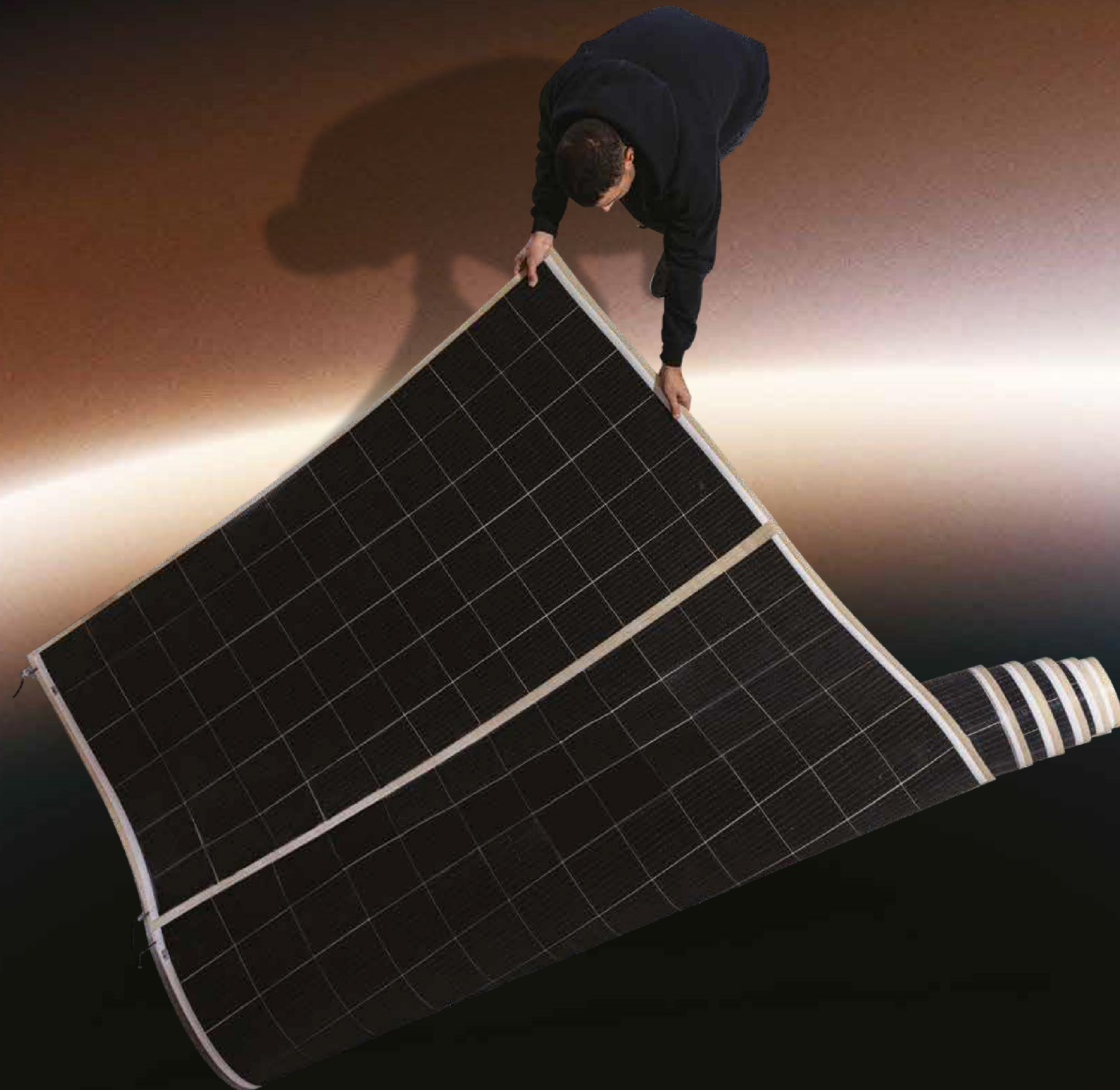
During 2022 the company raised Approx 104M NIS



Technology



Durable, Multi-Purpose, Flexible **Solar Cell**,
Creating Endless Possibilities



Flexibility - Rollable to a radius of 6 inches

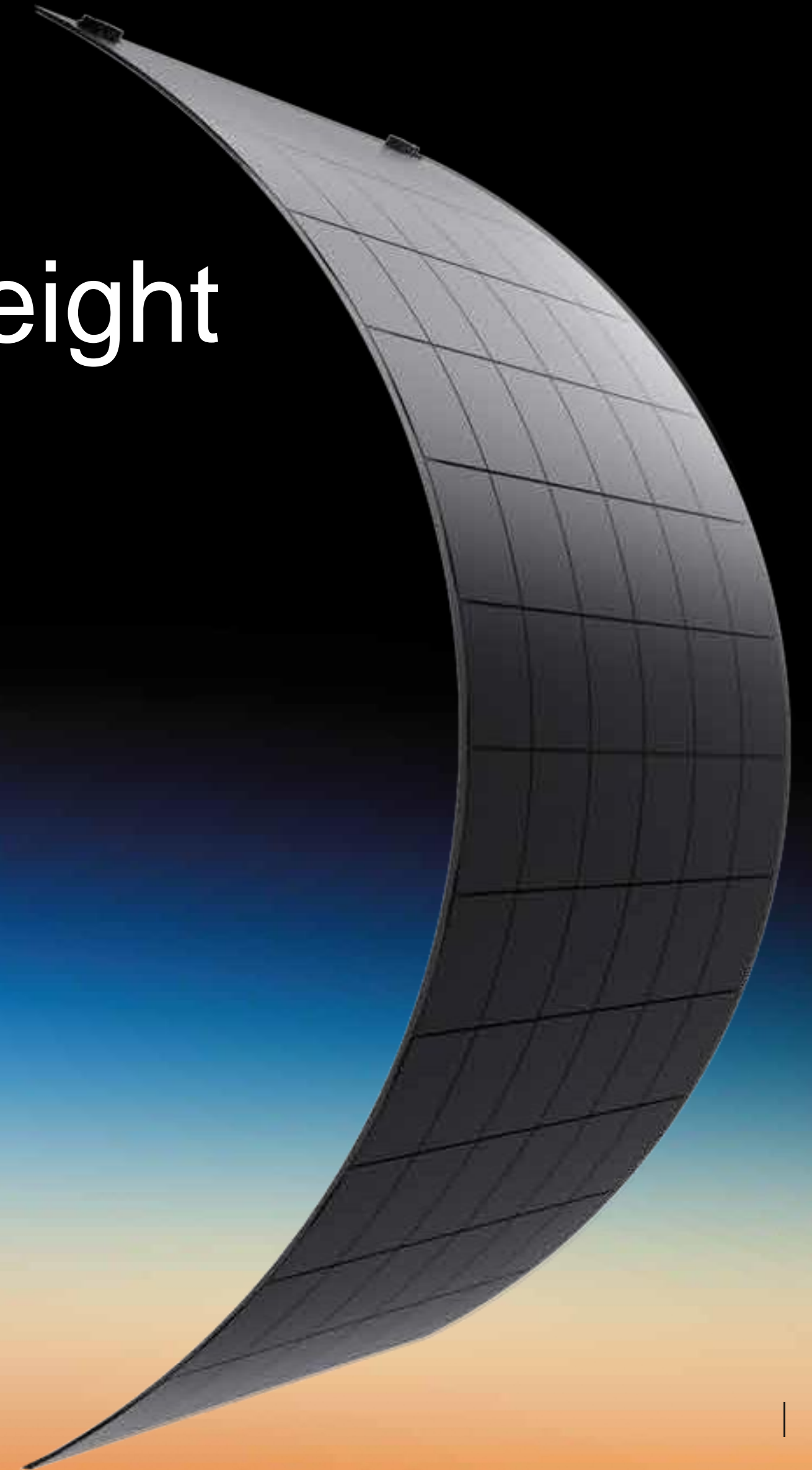
Highly suitable for water reservoirs and large surfaces | Lightweight - only 3Kg/sqm
Easy to ship and deploy | Adjustable to any shape of structure



Apollo Panda

Extremely Durable and Lightweight

- **Lightweight, only 3 Kg/sqm**
 - **Quick and low cost installation**
 - **Suitable for light plastic and metal roofs, as well as pergolas**
- Durable in tough weather conditions**

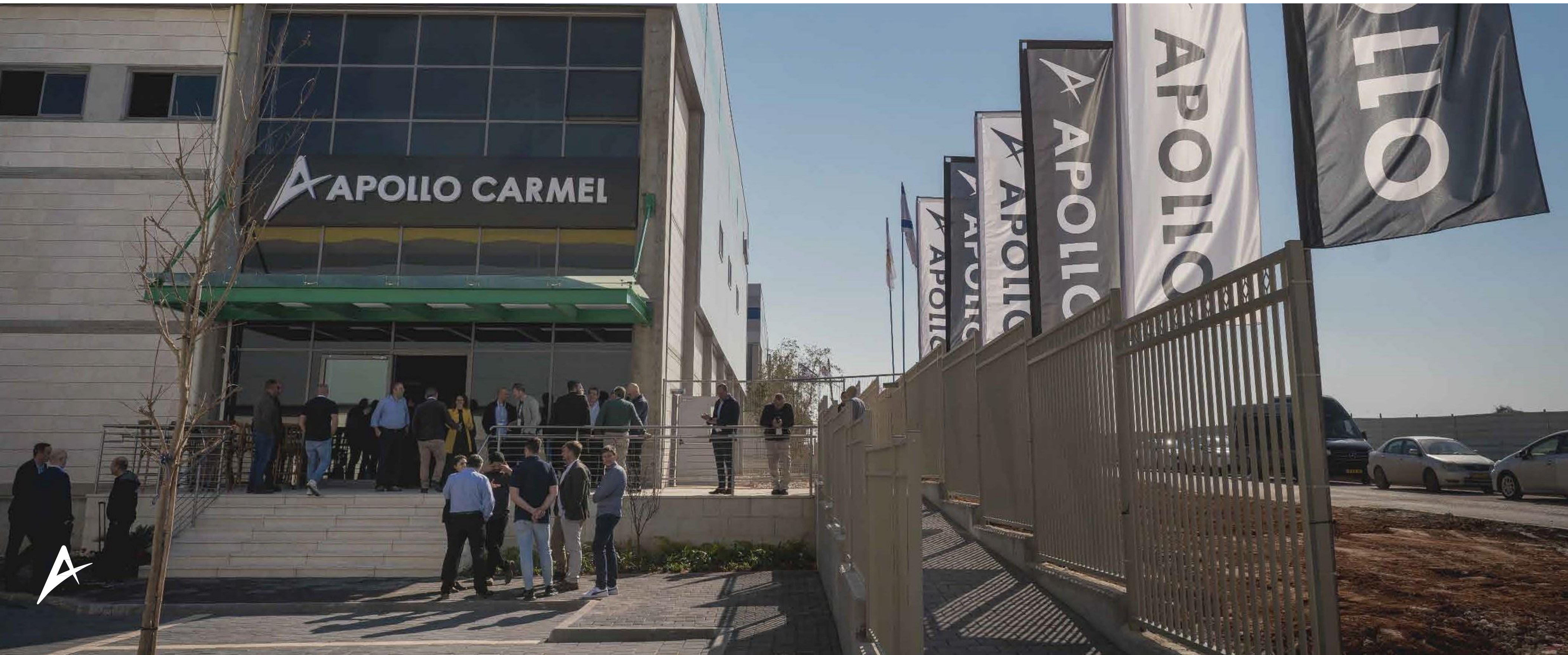


Mass Production Apollo Carmel




Opening of Apollo-Carmel Factory

Setting up a flexible solar panel factory to develop self-production capabilities



Apollo Carmel

World's Largest Flexible Solar Factory



**A 190MWp/y production factory in Mevoe-Carmel
11,000 sqm of production and storage area**

**The factory enables commercial production of the company's products using groundbreaking technology
The factory was launched on 25/1/2023 and the first fire began. The factory is expected to reach full capacity in the second half of 2023**



Apollo-Carmel in Full Capacity:

60

New Workers

2000

2sqm Panels Per Day

24/7

Production

**All automated
European
standard high
quality machines**



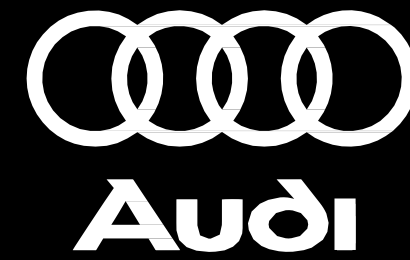
Enabling Solutions



Global Partnerships:



Volkswagen



Light Roof Construction, Order from Amazon



Solar installation for roofs, logistic warehouses and a solar sidewalk

In February 2022, the company received an order from Amazon of approximately 750K Euro to install a solar system on the roof of a constructively limited logistics facility, and also a solar sidewalk at the entrance to the facility whose installation is complete.

To the best of the company's knowledge, about 30% of Amazon's logistic warehouses share the same limitation. This makes a successful installation of the system a potential business opportunity for the company.

Negotiations are currently underway for the installation of systems on several logistic buildings in Europe



A three-year distribution agreement with Tadiran



After the distribution agreement entered into effect in November 2022, Tadiran Solar began distributing Apollo's products in Israel

Upon signing the agreement and receiving an order for about 26 megawatts for a period of three years, Tadiran was granted exclusivity for the sale in Israel in the roofs and agriculture markets





Elrom water reservoir installation without the use of standard plastic flouters

During the 4th quarter of 2022, a floating solar project was installed on the water's surface and along the bank, withstanding various weather conditions (covered with snow in the picture).



Flowers greenhouse installation

A 150 Kilowatt project installed with no use of construction, demonstrating logistical savings and dual use of agricultural land in favor of solar energy



Solar solutions for truck fleets & buses – saving 5% of fuel on average



The company has installed a solar kit on the roofs of about 400 trucks and buses, including the entire truck fleet of Osem-Nestle, Strauss and several more fleets saving fuel and reducing carbon emissions

Apollo has performed pilots with several other companies, which own fleets of trucks and buses



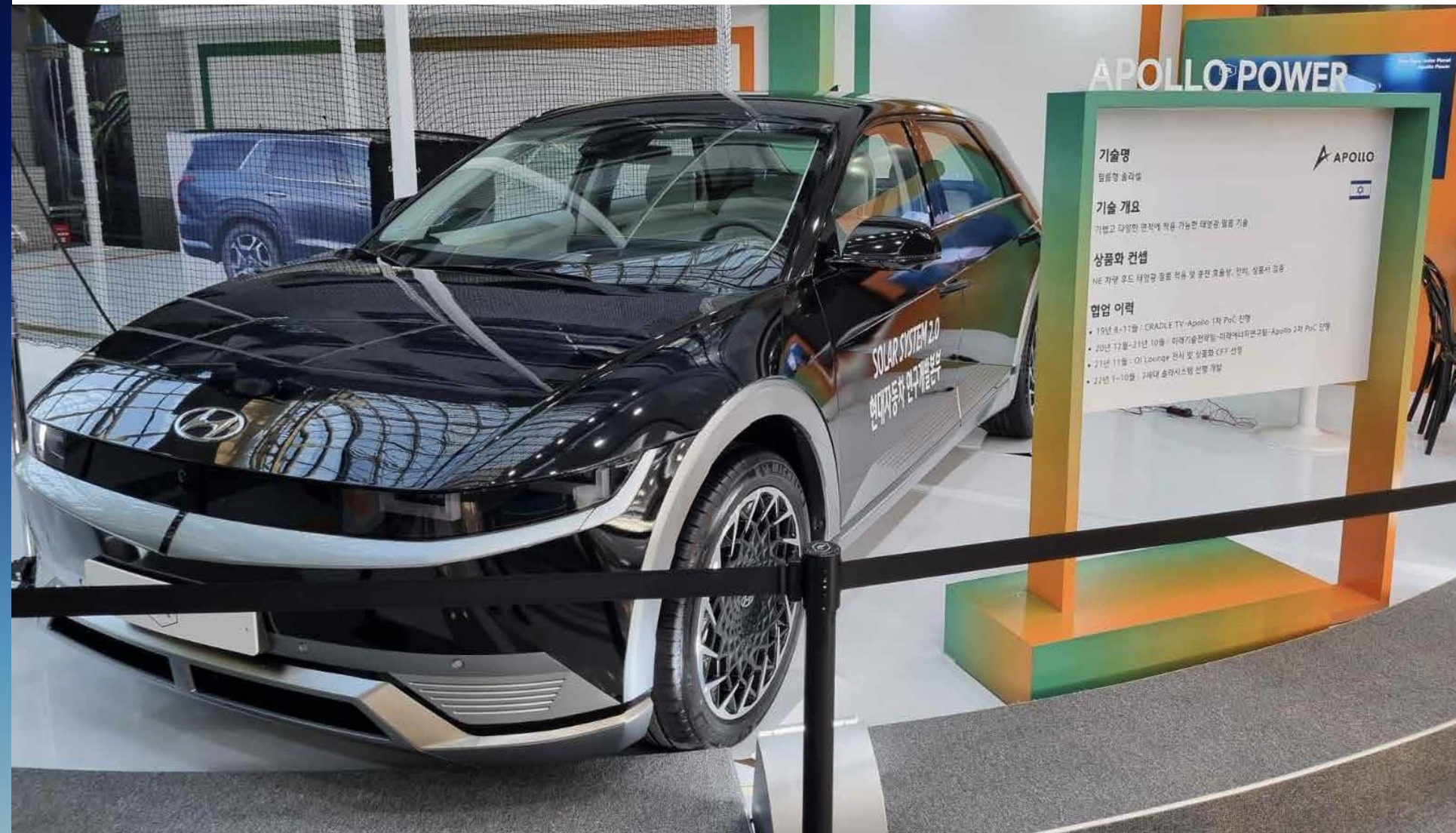
First major order in the automotive market

In May 2022, the company was selected as the main supplier in favor of an order of about 33 M Euros from VW for an aftermarket product for a certain car model

The agreement includes the purchase of tens of thousands of product units developed by Apollo for VW, spreading over ten years starting in July 2024



Implementation in car body parts

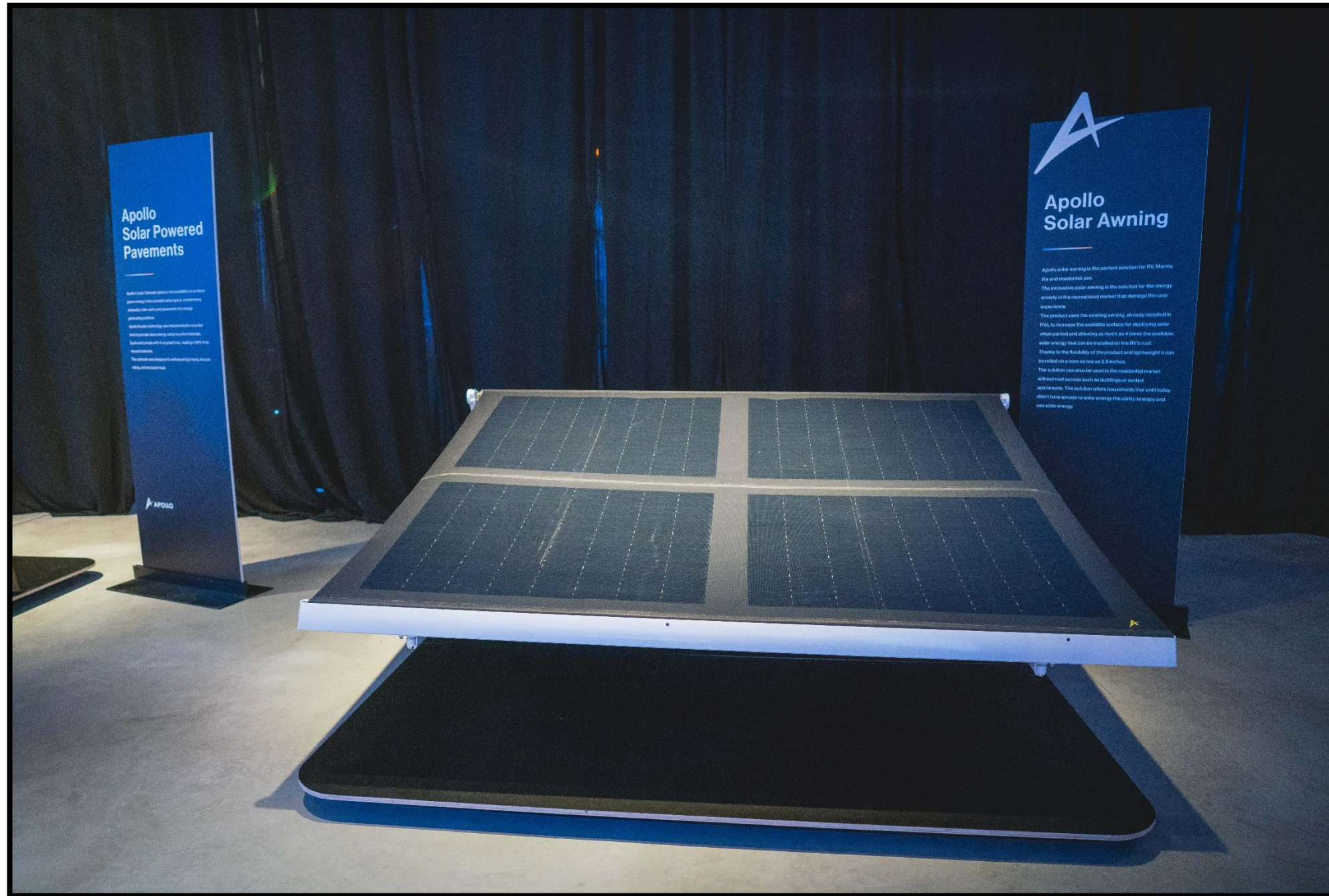


The Company produced and installed solar roofs and hoods for several Audi and Hyundai vehicles

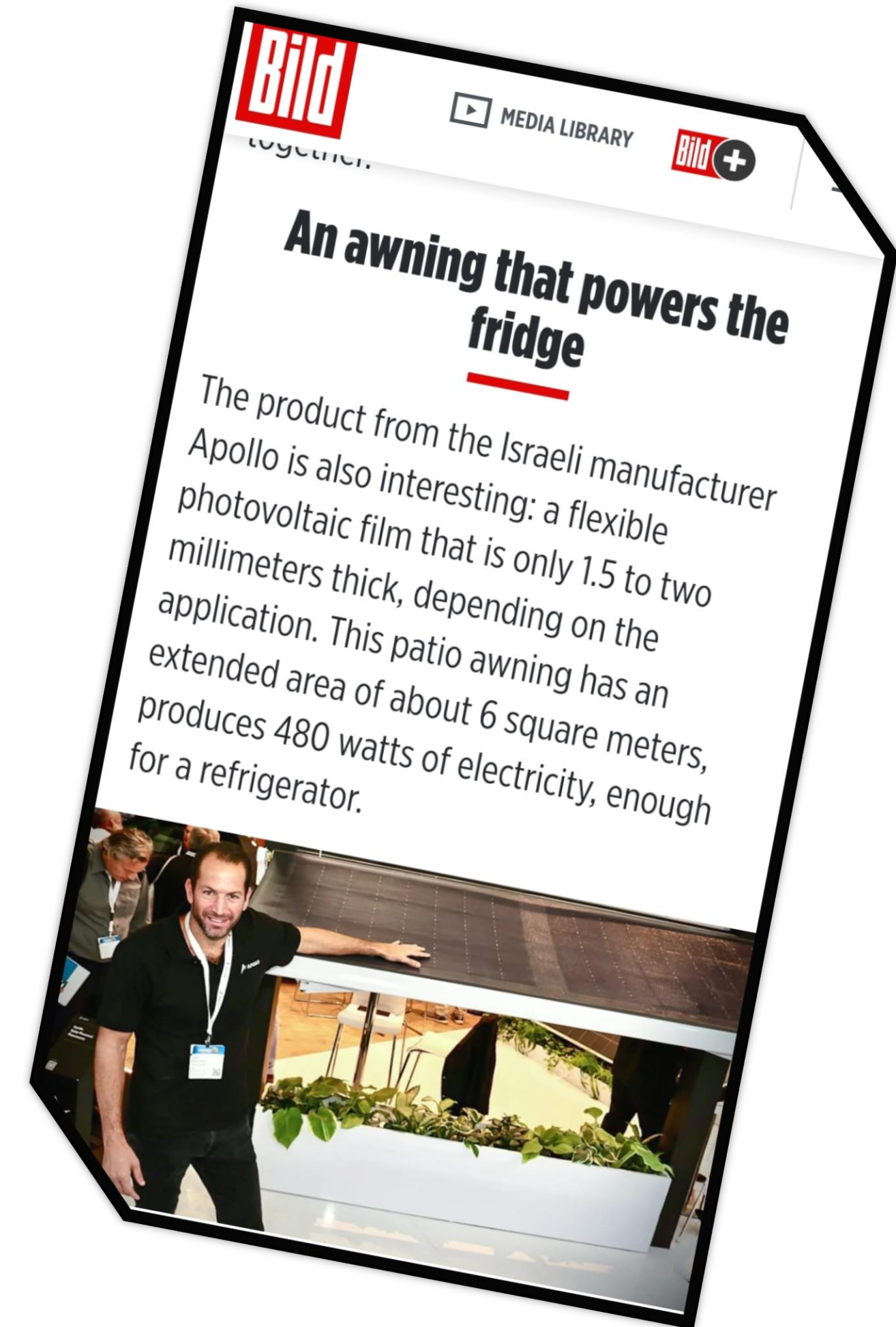
The company is in cooperation for the development of a roof and hood incorporating Apollo's technology into the companies' vehicles



First of its kind, Solar Awning



The Company had launched its Solar Awning, in InterSolar Munich 2023, for RVs and Residential market and is working with market leaders to commercially distribute it



First-of-its-kind solar pavement installation

The company completed the installation of a solar pavement in Amazon logistic facility in France

The solar pavement produces clean electricity, charging electric bicycles and scooters of Amazon employees



Award Winning Innovation



Certifications

- ✓ IEC 61215 - 2016
- ✓ IEC 61730 - 2016
- ✓ CE, UL61730, MCS 005/010
- ✓ Class C – flammability, B Roof T3 – French regulatory
- ✓ Automotive* – PV1303, PV1200, PV3964, M-02, TL1010, EMC
- ✓ ISO9001



The Bottom Line

Groundbreaking technology

Patent-protected - more efficient than any other flexible solution available today

Embeddable technology

Transforming composite materials into energy producers

Dual use potential

Use of territories previously considered irrelevant to solar energy: Light roofs, inner walls of reservoirs, railway tracks, roads and practically every surface under the sun

Local production

Establishing a 190MWp/yr flagship factory for flexible solar panels, a unique and one-of-a-kind manufacturing facility in Israel



Thank you



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