



MAKE EVERY RAY COUNT

The comprehensive solution for
maximizing energy production

Investor's Deck

2023 | Spring

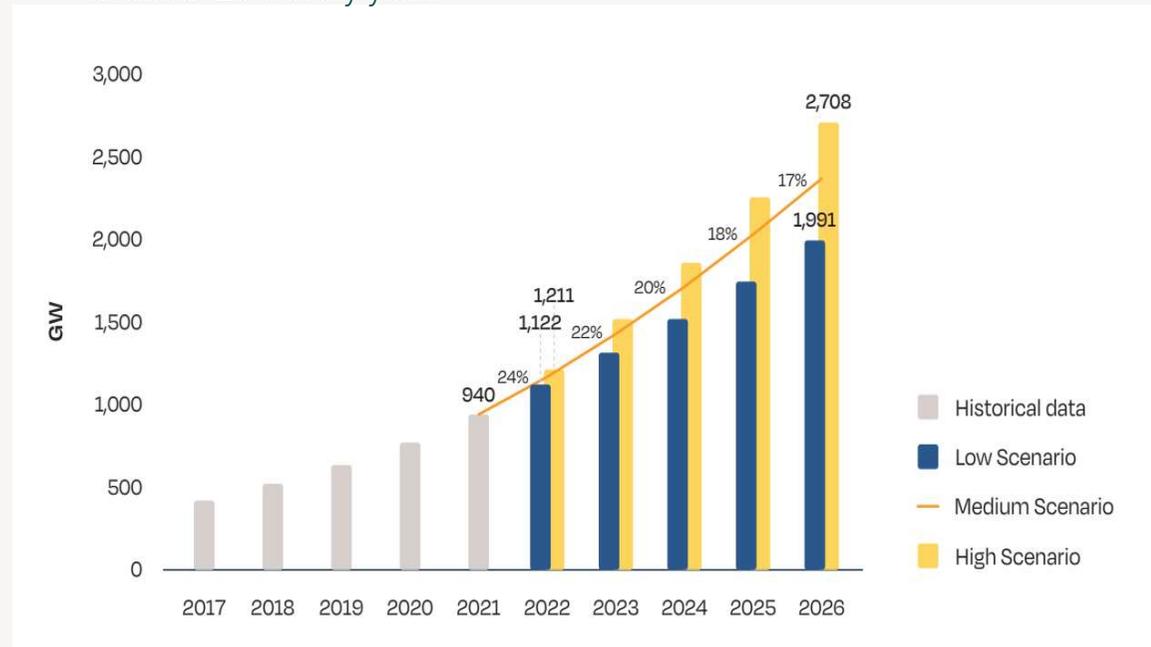
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The Problem

- 2,500 GW of Solar Energy will generate \$500B of annual revenue in 2026
- About 5% - over \$25B of the solar energy produced goes to waste!

The growth trend in the coming years is expected to continue at about 20% every year:



The 5% Breakdown

- Dirt and dust reduces energy production
- Lack of real-time monitoring and analysis
- Poor Investment decision processes = poor IRR/ROI

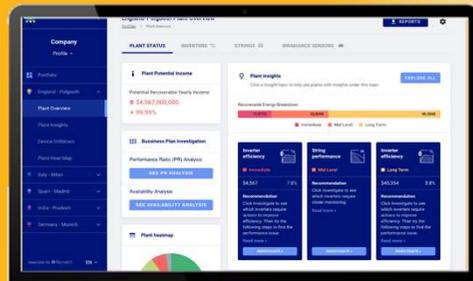
Global impact of soiling: 4-7% annual yield loss

“Techno-economical assessment of soiling losses in global solar energy production and mitigation strategies”, Joule 2303-2321

Blade's Optimal Platform aims to help recover the 5% lost

SaaS AI SW

For monitoring and
analyzing the panels



DEEP SOLAR

ROBOTIC HW

For cleaning and
inspecting the panels



PLECO SOLAR

Smart real-time diagnostics in the cloud and intelligent
autonomous robots on the panel for recovering the energy lost

DeepSolar™ delivers actionable insights

To increase the profitability of solar fields



Increase production

with Advanced analytics for faster and more accurate fault detection

Boost productivity

with automation tools for daily monitoring and reporting

Enhance control and visibility

with top-down and bottom-up operational dashboards

Solar Farms Analytics Solutions Competitive Landscape



	DeepSolar	Power Factors	GPM	Envision	Other Monitoring Solutions
Integration with Cleaning Robots		✗	✗	✗	✗
AI Analytics		✓	✓	✓	✗
Seamless Integration with all Scada Providers		✗	✗	✗	✗
Insights Based Report Generator		✗	✗	✗	✗
One Software and Portal for all RES needs		✗	✓	✗	✗

PlecoSolar™ soiling removal robot

Increases safety and energy production of solar fields



Autonomous –
works on every panel without
pre-mapping

Lightweight –
only 20 kg and easy to carry
and move between tables

No Water –
no need for water supply

Soiling Removal Competitive Landscape



	Pleco Solar	Manual	Operator Driven Tractor	Operator Controlled Heavy Robots	Fixed, Robotic Cleaner
Cleaning efficiency					
Scalable					
Autonomous					
Water free operation					
Night operation					

Soiling Removal Robots Competitive Landscape



	Pleco Solar	SolarCleano	Hy Cleaner	Serbot	Robsys
Autonomous		✗	✗	✗	✗
Weight (kg)	20	37 - 85	48 - 85	30 - 65	57
Water Free		✓	✗	✗	✗
Inclination (degrees)	45	20	25	15	20
Inspection	✓	✗	✗	✗	✗

GTM Strategy



Segments

Commercial and Industrial
Utility scale



Customers

Site Owners (IPPs)
O&M Companies
Cleaning Companies
Inspection Companies



Geographies

High Soiling Countries:
USA (CA, NV, TX, AZ)
South of Europe
Middle-East



How

Distributors and Agents
Technology Partners
Multinational IPPs

Business Model



 **DeepSolar as a Service**

Robot as a Service

Experienced Management

Based on success



Oded Fruchtman
CEO

25 years in high-tech. Including 20 years of senior management positions: CEO of Aquarius-Spectrum, BreedIT, Softwatch and other high-tech companies.



Ehud Epstein
Chief Scientist

Has 35 years of experience in R&D and engineering development management in international companies (Intel, Applied Materials, etc.)



CPA Shimshon vize
CFO

CFO from the day of establishment. The owner of Wiesel & Koresh CPA firm



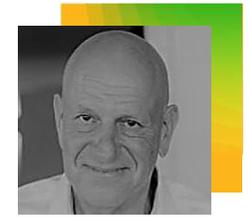
Guy Globerman
Deep Solar
Managing Director

Over 10 years of experience in managing teams and leading ventures from idea, to execution and growth. Extensive knowledge of the solar energy industry in Israel and globally.



Asaf Friedler
Founder & CBO

An entrepreneur with 25 years of experience in establishing and leading technology companies. Has extensive experience in managing complex engineering projects.



Avihu Bergman
VP Sales

More than 35 years of business oriented senior positions in various companies (Raycatch, Gilat, Ascend VC, ECI Telecom).



Board Of Directors



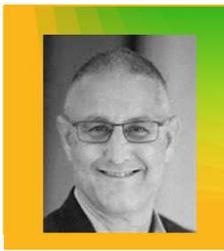
Ira Palti
Chairman
Former
President & CEO
of Cergaon



Eyal Triber
Former CEO of
Maytronics



Yossi Weiss
Former CEO of
IAI



Ofir Gome
CEO of Capital
Nature (VC)



Dr. Nahum
Kaminka
Co-Founder of
Cogniteam



Dr. Yehuda
Elmaliah
CEO of
Cogniteam



Assaf Friedler
Founder of
Bladeranger



Shulamit Uzan
Former CFO at
Lightbits labs



Ronit Koren
Managing Partner
at ROK Ventures



Thank You



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