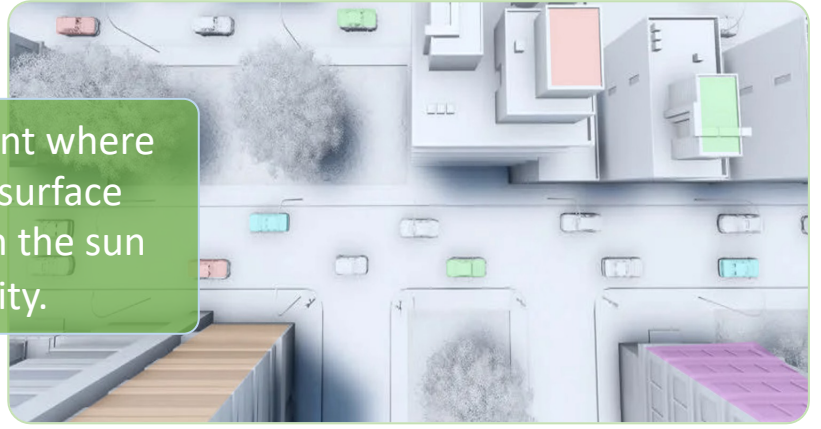


# SolOr

Imagine a vibrant environment where **PAINT** can be applied to any surface that will capture energy from the sun and transform it into electricity.



## VISION

To become a global leading provider of solar energy painting solutions, applied on versatile dual-use platforms and surfaces

## THE OPPORTUNITY

- Slow global adoption of renewable energies.
- Mega-scale-solar-projects have negative environmental impact with high cost of power transmission.
- Distributed energy, leveraging dual-use of existing platforms is critical, offering environmental and economic viability.
- Vehicles' surfaces have huge exposure to solar energy.
- Exponential growth of electric vehicles – in need for vast power consumption
- Current silicone (PV) supply chain becomes long, vulnerable and expensive.

## SolOr SOLUTION

**Paint it PV** - Expedite the adoption of solar energy in dual-use surfaces

A novel patented technology of chemical process that enables to offer a nano-based "painting" material for versatile platforms (such as vehicles), transforming them into PV-like 15% efficiency, solar energy harvesting platforms.

A revolutionary process enabling ligands removal and chemical sintering of nanoparticles at a temperature as low as 150°C, without use of hazardous gases and/or ultra high vacuum.

SolOr environmental friendly paint, sprayed on surfaces during the production process of any platform, using adjusted standard painting machinery.

## VALUE PROPOSITION

- Low Total Cost Of Ownership (TCO)
- Flexible & scalable, full coverage of surface
- Sustainability, low carbon footprint
- Applied at Low temp, no hazardous gases
- High efficiency 15%
- Aesthetic, various colors, any shape
- Reliability, long endurance
- Value chain - zero complexities

## IN A NUTSHELL

Founded in 2021, Yokneam, Israel

Seed Stage

Current team – 4 in R&D

Capitalization to date - \$550K



Full synthesis and ligands exchange processes accomplished.  
Successful fabrication of a working solar device, 1X1 cm, under ambient room temp. conditions.

## TEAM



Dr. Shlomit Zamir  
Co-founder & CEO



Dr. Gary Zaiats  
Co-founder & CTO



Dan Vilenski  
Active Director



Prof. Prashant Kamat  
Scientific Advisor

## CONTACT

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