



Solar energy from any painted surface

SolOr develops paints and process machine that lets manufacturers to make their products photovoltaic and convert solar energy into electricity.

Use of Proceeds

Proof of concept: Development of solar cells with area of 100 cm² and efficiency above 15% by employing paint application techniques

Management Team

Dr. Shlomit Zamir
CEO, co-founder

Over 20 years experience in Management of R&D groups

Dr. Gary Zaiats
CTO, co-founder

Technological experience in the field of nanotechnology for electro-optical devices



Contact information

Gary Zaiats
SolOr

✉ gzaiats@gmail.com
☎ (+972) 52 3070239

Investment Opportunity

What we do

SolOr develops a comprehensive solution for building integrated photovoltaics (BIPV)

Need/Opportunity

The growing energy needs necessitates solar energy harvesting from building structure. Hence, European Union promotes Nearly Zero Energy Building (NZEB) regulation- which requires any new building to supply its energy needs. In high rise buildings the facade area adsorbs twice as much energy as roof. But, current fabrication technologies are not customizable and rely on expensive infrastructure and complicate business models.



Our Solution

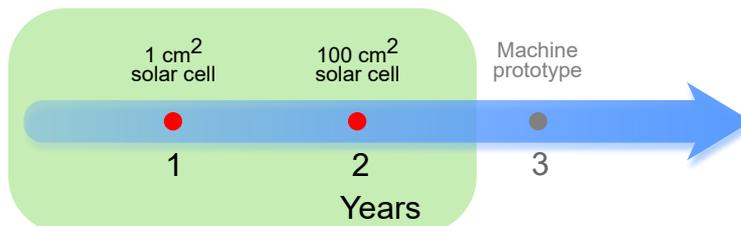
Materials: Nanoparticles for fabrication of photovoltaic solar cells in 'paint cartridges'

Machine: painting machine that applies the materials at the required volume and sequence. Can be installed and operated by manufacturer with painting capabilities

Consulting \ Customization service: qualified technological support to optimize the structure within customer geometrical and environmental specifications.

Milestones and projections

Proof of concept



Revenue model

"Printer & cartridge" business model. Our clients will purchase the cartridges of the solar paint ingredients and install them in pre-purchased machines. Customized design: We will provide a service for PV elements optimization.