

# Solight

[Link to Kedma Hotel Timelapse](#)



Solight an Israeli startup, develops Innovative, Patented Daylighting systems for our built environment.

We made our first steps with the help of the highly supportive, Israeli Innovation Authority; and on 2017 we received the EIC's Horizon 2020 SME grant of 1.5M€, with which we were able to develop our systems to market ready level. We have raised 0.75M \$ from private VC SIBF2 in 2021, used for Israeli commercialization.

1. Delivering best-in-class, cost-effective daylighting systems.
2. Making our buildings healthier and energy efficient.
3. Solight is a Design & Engineering company.



Dror Becker  
Co-Founder & Active Chair  
Economist, Infrastructure



Ofer Becker  
Co-Founder & CTO  
Optical, Mech' Eng'







Starting out as a lean 2-man team with Dror as CEO - taking care of the business side, while I covered optical and mechanical design; we relied on longtime friends and consultants, who supported us along our journey.

Would you move to a windowless room?

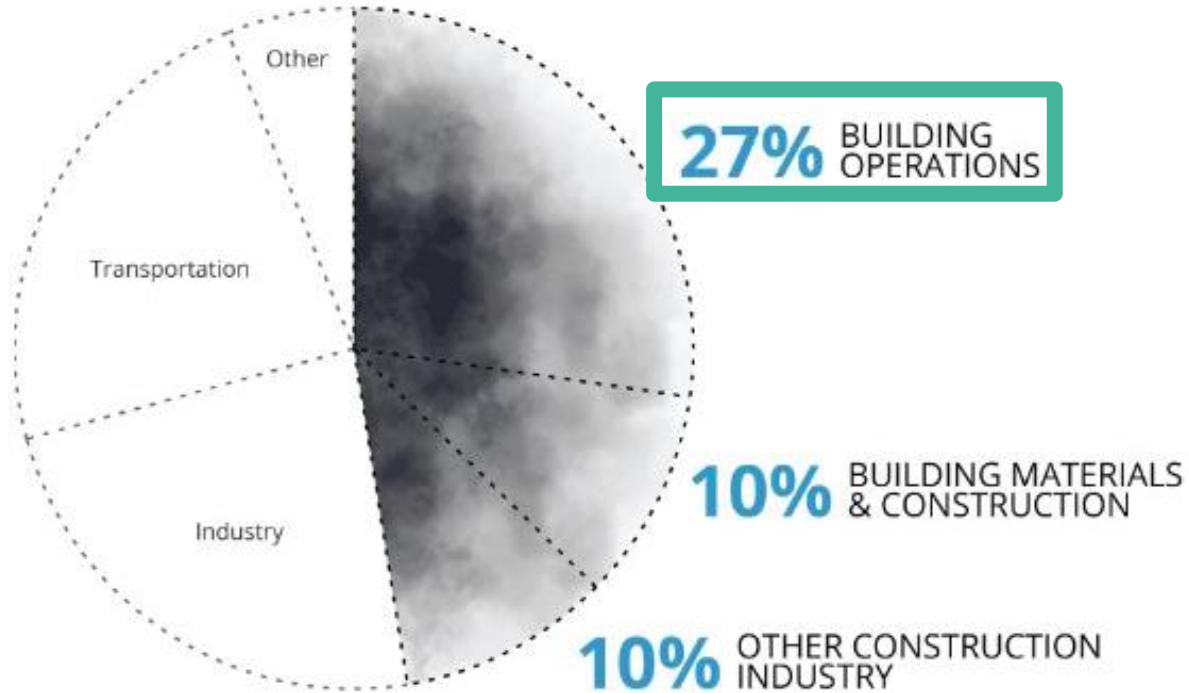
- People need Sunlight!
- Energy Saving up to 50%
- Best in bringing sunlight into buildings

Humanity evolved under sunlight, which controls our Circadian Rhythms, for thousands of years, yet now in our modern cities, we spend over 90% of our time indoors, away from the sun, under unhealthy, and energy wasting, artificial lighting. Seeking a solution to these problems, we have developed our highly efficient, and fully static sunlight harvesting system, similar in principle to a submarine periscope, collecting sunlight on your sunny rooftop or façade, and efficiently transporting it in real-time indoors, where it is most needed: windowless inner rooms, underground floors, or north wings.



	Sunlight/€ Capex (1/ROI)	Cloudy	Uniform Lighting	Solar Heating Options
  Sunlighting 2.0	9.5			
Light Tubes 1 <sup>st</sup> Gen 20Y old tech. 	3.5	-	-	-

SOLIS is optically efficient, yet mechanically simple, this results in a 20-year life-span, and great value for money! Almost X3 more sunlight per each € spent, translating into much better ROI. SOLIS is X4 times better in cloudy conditions, furthermore providing customizable Solar-Heating: admitting solar heat in winter, and totally non-heating in summer.



**SOLIS Max**  
**1000 units =**  
**-859**  
**tCO<sub>2</sub> eq/year**

validated in June 2022 validation id: <b>JW0025</b> Verifiable at <a href="http://www.impact-forecast.com">www.impact-forecast.com</a>	<b>SOLIGHT LTD</b> Mitigates climate change with an impact reduction potential of: <b>-859</b> tCO <sub>2</sub> eq / year	Validity of forecast Valid Impact compared to baseline Positive Magnitude of impact Significant
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Buildings are responsible for 47% of our global emissions, Solight is a Validated, Significant, and Positive tool to reduce building operations emissions. Saving: Daylighting Electricity, Heating & Cooling, and replacement & maintenance costs of Luminaires.

## Indoor Agriculture



Improves Alzheimer, Bone Building, Sleep Quality



Shortens hospitalization periods 41%~16%



12%~18% improved worker productivity



Improved student learning progress by 20%~30%



25% Increase in Sales



Sunlight benefits people! Here are some of the best reasons to adopt our technology. In Hospitals providing 30% faster recovery; Education better math and reading skills; In the workplace, improving production and worker satisfaction; and even making it easier to spend your money while shopping. All proven to be 50 times more significant than mere energy savings!

EU Daylighting  
STD EN17037

Ukraine War  
Sanctions, Energy Policy

EU Mandates Zero  
Emissions by 2030

**TAM 158 400 M €**

**SAM 26 110 M €**

**SOM 2 610 M €**



**B2B; Avg Sale: 100K€**

**CAGR(2019-25): >25% \***

\* Global Market Insights

Our market is huge and growing, driven by the EU daylighting standards, energy prices rising due to the Ukraine War, and the EU's decree making all non-residential buildings Net-Zero by 2030. Shown here are validated market segments with high added value. Natural sunlight is also ideal for indoor agriculture, since unlike humans, plants do not settle for poor imitations.



Sheltered Residence  
Pool & Gym 124K €



Urban Renovation X5  
Tel-Aviv, 7 floors, 250K €



Shabazi 7 Project  
High-End Residential 66K €



HP Indigo, Production Site  
Kiryat-Gat, 143K €



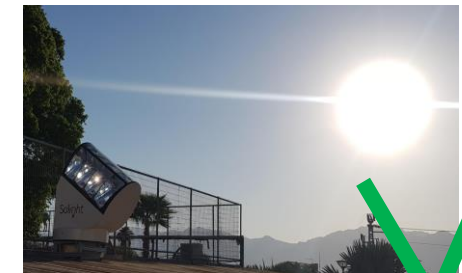
Moriah Kindergarten,  
Ramt-Gan



SIBF SOHO X2  
Beer-Sheba Israel



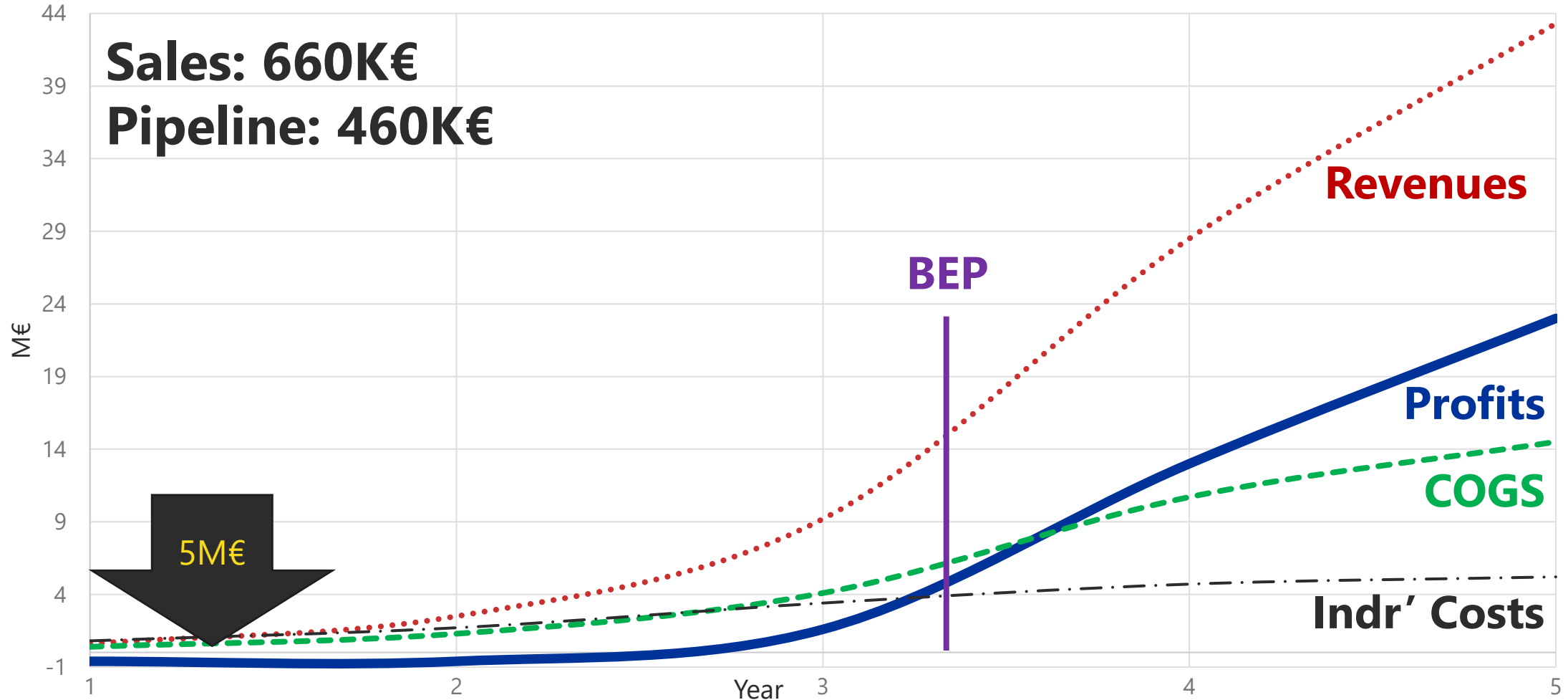
Kedma Hotel Lobby  
Sde-Boker 300K €



Education Facilities, Eilat,  
>80 class-rooms, 300K €

Solight is commercially ramping up in the Israeli market, enjoying a growing presence in multiple lucrative market segment, gearing up from POCs to large scale projects, we are providing natural lighting solutions for: Urban Renovation Projects, Industry, and Sheltered Homes for the elderly.





Our business plan is based on replicating our Israeli success, with synergistic EU partners, setting up production at their facilities, and using existing distribution channels into the EU built environment, which is yearning for energy efficiency solutions.

- Proven energy-saving solution for **Efficient Buildings**.
- Solight seeking: Partners, Investors, EU POCs.
- Raised **3M€**, Asking **5M€** → Initiating EU Ops.

Solight is reaching out to the EU market, Seeking synergistic partners, and investors, to implement our innovative solutions.

We had raised 3M€ so far in grants and from private VCs, 1 M€ in 2Y pipeline, currently raising 5M€ dedicated towards initiating our EU POCs, and overseas operations.

