



## DeepSolar™ Introduction

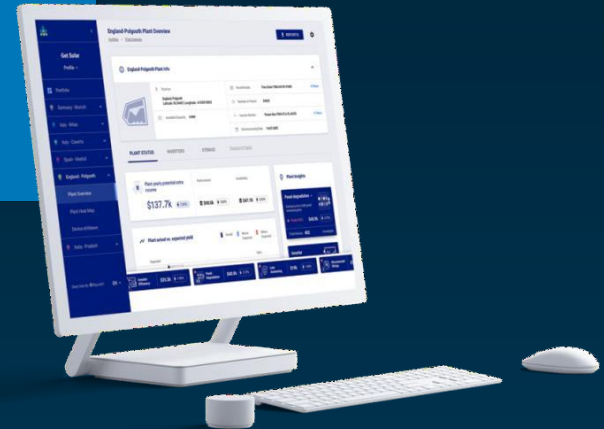
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# DeepSolar – Maximizing the Profitability of PV Assets

Raycatch's AI platform, DeepSolar™, allows solar professionals to easily boost their PV asset performance through unmatched data precision, automatic data cleansing and fault detection, as well as ROI-oriented actionable insights.



# Agenda

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About  
Raycatch



How DeepSolar™  
Works?



Proposed Next  
Steps



Q&A



## Raycatch – Digital Solar Asset Management and Optimization

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- **Pure SaaS platform** for optimizing solar assets
- **AI-based system** that has already been trained and tested on more than 200 PV plants around the world
- Detects **3%-8% of recoverable** energy
- Enables **5%-30% reduction** in operating costs
- Developed by AI experts, physicists, software and solar electrical engineers
- Among the company's customers are **world-class solar asset owners**

**2015**

Founded

**2021**

25 employees  
and 5 offices

**\$13M**

raised, \$10M  
went into R&D



## Selected Customers

BlackRock



adani™



enlight

ENGIE



ecOenergy  
Powering renewables.



# What Makes Raycatch Unique: An Unmatched AI System

## Answering the critical need for data cleansing

(5-10% threshold, >30% false positives)

### Raw Data Issues

Hardware inaccuracy, comm. gaps, time shifts, calibration, etc.

### External impacts

dust/vegetation, shading, clipping, etc.

## Pattern recognition & ROI-based prioritization

### Algorithms

AI pattern recognition & faults detection

### Prioritization

True ROI-based actions prioritization

### DeepSolar™:

Automatic, high-granularity data cleansing generating 99.5% accuracy (0.5-1% threshold, <1% false positives)

### DeepSolar™:

Generating action items prioritized by ROI value to boost asset performance and profitability



# Single User-friendly Platform

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## One Platform



- Structural – top to bottom – from the CEO to the field technician
- Integration and unification of different platforms and data sources (monitoring systems, databases, data lakes, ERP, ticketing and BI tools)

## Insights Automation



- Finding asset optimization opportunities easily
- Automatic report generation
- Fined-tuned with the client's business logic

## Budget Optimization



- Using the same budget for Condition-based Maintenance
- Owning / managing more assets with the same teams
- Addressing the lower IRR industry trend



## Summary: We Make Solar Data Work for You in a Superior Way

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**Cloud AI software** for boosting solar asset performance and profitability



Identifying **4% recoverable energy** on average



**ROI-driven** and prioritized actionable insights



Reducing O&M costs by up to **30%** with on-demand smart maintenance

**With Raycatch, solar professionals easily know:**



Where are the issues



How to solve them



& Whether fixing them is a worthwhile investment





## Proposed Next Steps

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- **Discovery session** (between 1-2 meetings) to understand the business logic, daily work method and challenges
- **Presenting a demo** with the solution to your challenges and pain points, and presenting the daily usability of DeepSolar
- **Reviewing your portfolio** needs and sending a proposal



Questions?



# Thank You!

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