

LET'S



SOLARPOWER SUMMIT 2025
WELCOME TO THE SOLAR FLEX ERA

FLEX

ADVANCING SOLAR
INNOVATION: SIGNING
OF THE EUROPEAN
PARTNERSHIP FOR
INNOVATION IN PV



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SOLARPOWER SUMMIT 2025

SPEAKERS



Joanna Drake

Deputy Director-General,
DG RTD, European Commission



Walburga Hemetsberger

CEO,
SolarPower Europe

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JOANNA DRAKE

Deputy Director-General,
DG RTD, European Commission

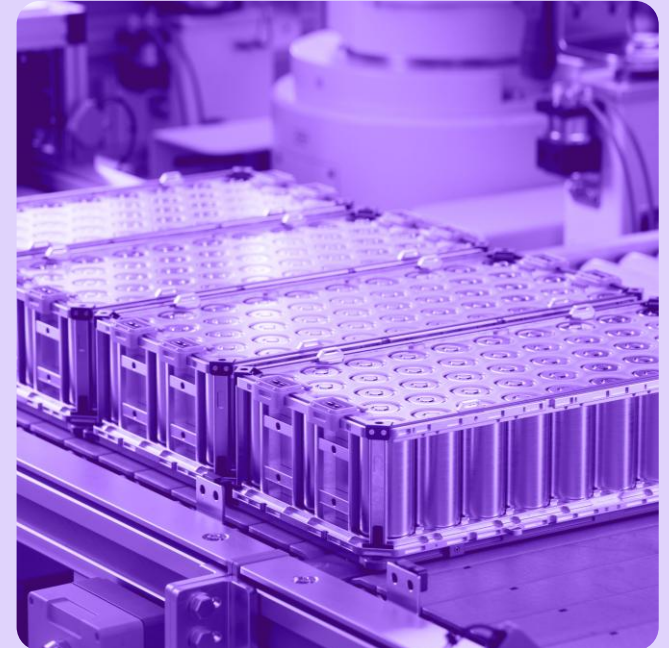
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WELCOME TO THE SOLAR FLEX ERA

**SOLAR STARTUP
AWARD**



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MICHAEL SCHMELA

Executive Advisor and Director of
Market Intelligence,
SolarPower Europe

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Stefan Müller

Co-Founder and Board Member,
Enerparc



Jenny Chase

Solar Analyst,
BloombergNEF

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THE JURY



Felix Krause

Managing Partner,
Vireo Ventures



Michael Schmela

Executive Advisor and Director of Market Intelligence,
SolarPower Europe

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FINALIST

GAUTIER MOULIN

Co-founder & COO,
Aevy



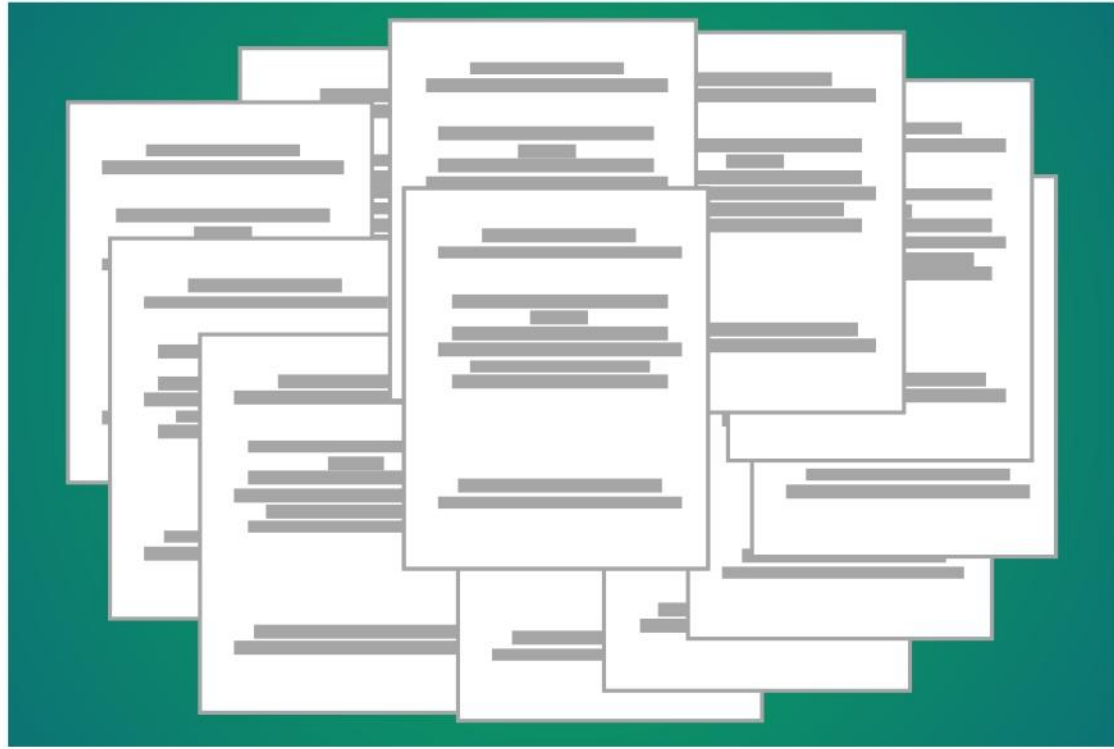
VIRTUAL ASSET MANAGER FOR RENEWABLES



DON'T MANAGE ~~DOCUMENTS~~...

**MANAGE THE INFORMATION
THEY CONTAIN**



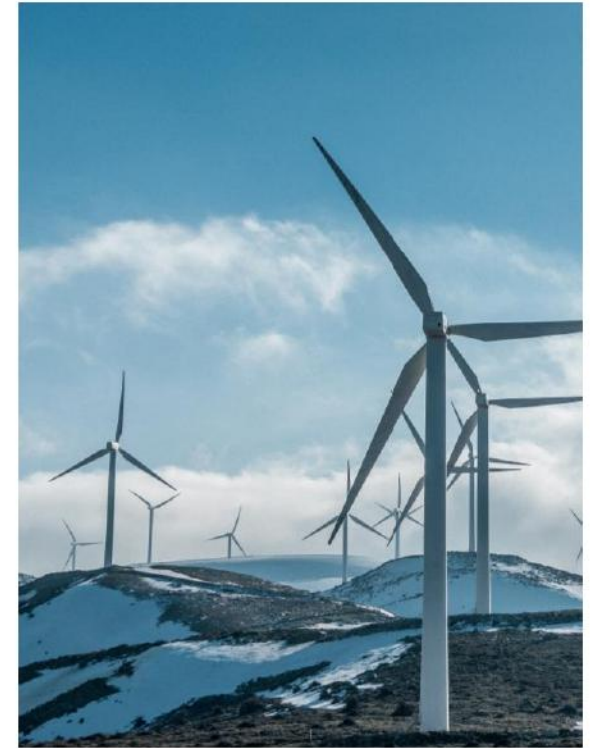


OPEX = 20-30% OF LCOE |

CAPEX DECREASE

CAPITAL COST

LABOUR



OPEX = 20-30% OF LCOE

CAPEX DECREASE

CAPITAL COST

LABOUR

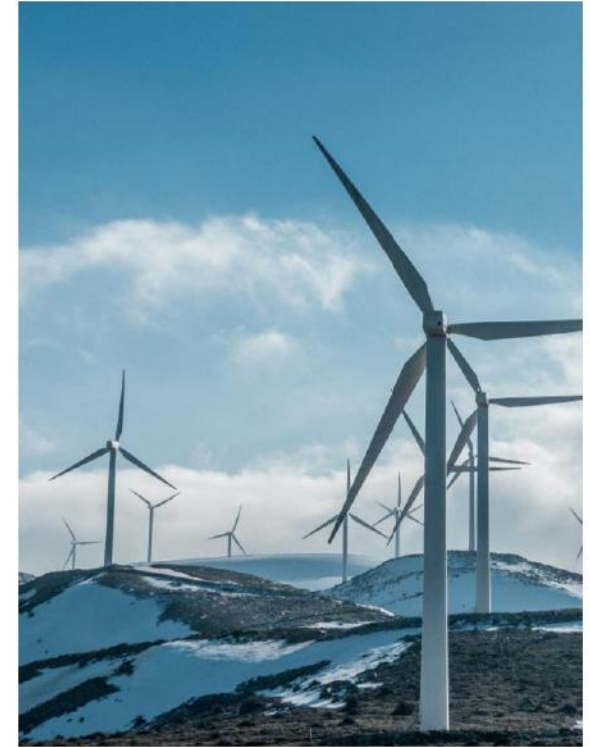
INCREASING COMPLEXITY|

AGE

M&A

TECHNOLOGIES

COMPETITION



OPEX = 20-30% OF LCOE

CAPEX DECREASE

CAPITAL COST

LABOUR

INCREASING COMPLEXITY

AGE

M&A

TECHNOLOGIES

COMPETITION

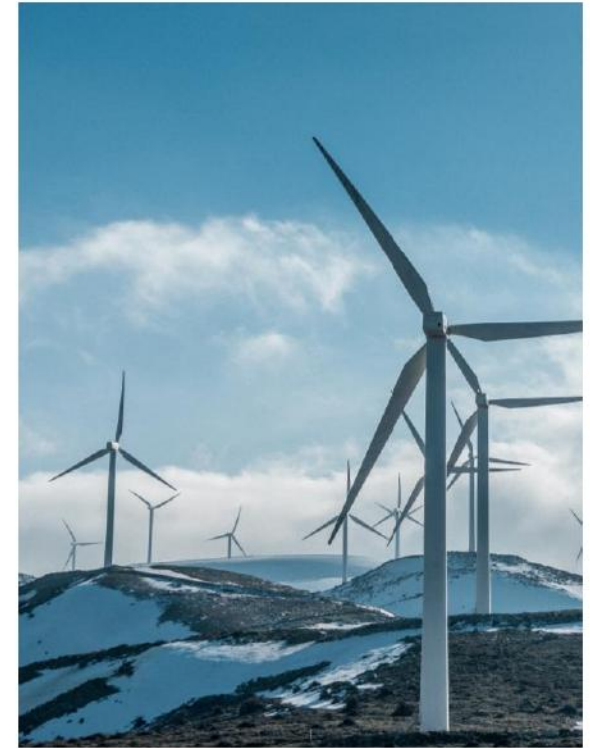
BASIC TOOLING |

MANUAL

INCOMPLETE

STATIC

REACTIVE

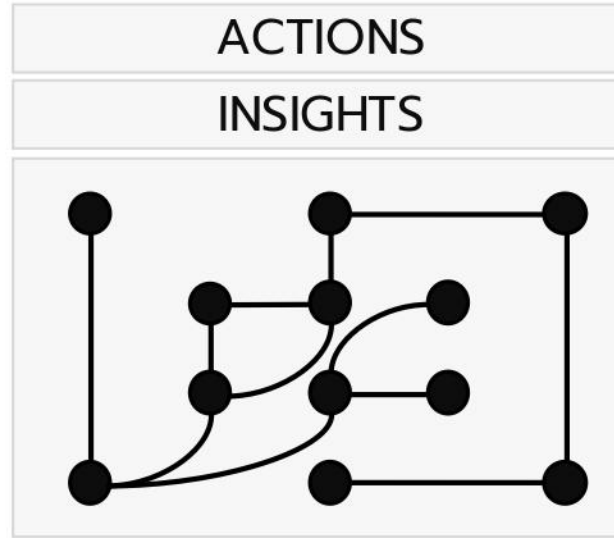


CONTINUITY AND RELIABILITY ENSURES VALUE REALIZATION



UNSTRUCTURED INFORMATION

Access untapped information, even from poorly scanned PDFs.



KNOWLEDGE GRAPH

Domain-informed utility solar and onshore wind data model ensuring reliable quality



- ✓ Due Diligence
- ✓ Asset Management

☰ <
📄 + 📄

Menu

- 🏠 Home
- 📧 Inbox
- 🔍 Search

Tools

- 📊 Asset overview
- 📅 Timeline
- 📄 Documents
- 📋 Tasks
- 📊 Risks
- 📊 Insights

Assets

- 🌞 Bright future IV SDRL
- 🌞 Very Bright Solar GmbH
- 🌞 Rolling Acres Wind Farm
- 🌞 Bright Solar GmbH
- 🌞 Bolton Commons Storage

Internal

- 📄 Running tasks

🔄 📄 📄
[+]

Overview

Term start 12.01.2014

Term end 11.01.2029

Term description

Description: Start: Commencement Date is defined as the date on which this Contract has been duly concluded, as stated in the front page of the Contract; End: Subject to earlier termination in accordance with the terms of this Contract, this Contract shall automatically expire on the end of fifteenth (15th) Contract Year.

Extension date: 11.01.2034

Extension description: The term may be extended by 5 years with a 6 months notice prior to the end of the term.

Executed YES

Parties

Party 1: Maintenance Co - Contractor - Signatory: Lars Andersen

Party 2: FakeAsset Limited - Owner - Signatory: Marie Dubols

Performance warranty

Type: time-based availability

Threshold: 99%

Description: Calculation: Technical availability calculated based on operating time and down time with specific downtime exclusions. Included: Operating time, specific B event downtimes. Excluded: A event downtimes due to Contractor causes, other specific exclusions nested like vandalism, grid unavailability.

Bonus / malus: Bonus: Paid if performance exceeds the target by 1%, calculated from exceedance in performance. Liquidated damages: Compensation owed if under the target, calculated from shortfall.

Cap: Malus capped at 50% of Service Payment for the Contract Period.

Scope of Work

Category: Full scope

24/7 Monitoring: Yes

Monitoring: Contractor performs 24/7 monitoring, checks data connection status multiple times daily, and answers queries via a service centre.

Response: Contractor must respond to failures. Response times include immediate remote actions or on-site repairs as necessary.

Predictive: Predictive maintenance includes inspections and technical settings adjustments as per Best Industry Practice.

Preventive: Preventive maintenance includes routine inspections, testing, and replacement of consumables. Details in Maintenance Services (Appendix 2) with deviations and planning outlined.

Corrective: Corrective maintenance obligations include on-site repairs with response to defects or damages. Requirements found in Appendix 5 (Repair Services).

Blade: NO

Lineage view - Operations and Maintenance Contract

↑ ↓ 🗨 100%

OPERATION AND MAINTENANCE CONTRACT for FakeAsset wind farm, between FakeAsset AS and MaintenanceCo AS

OPERATION AND MAINTENANCE CONTRACT

Regarding

FakeAsset wind farm

Document reference: FakeAsset-013531-B2

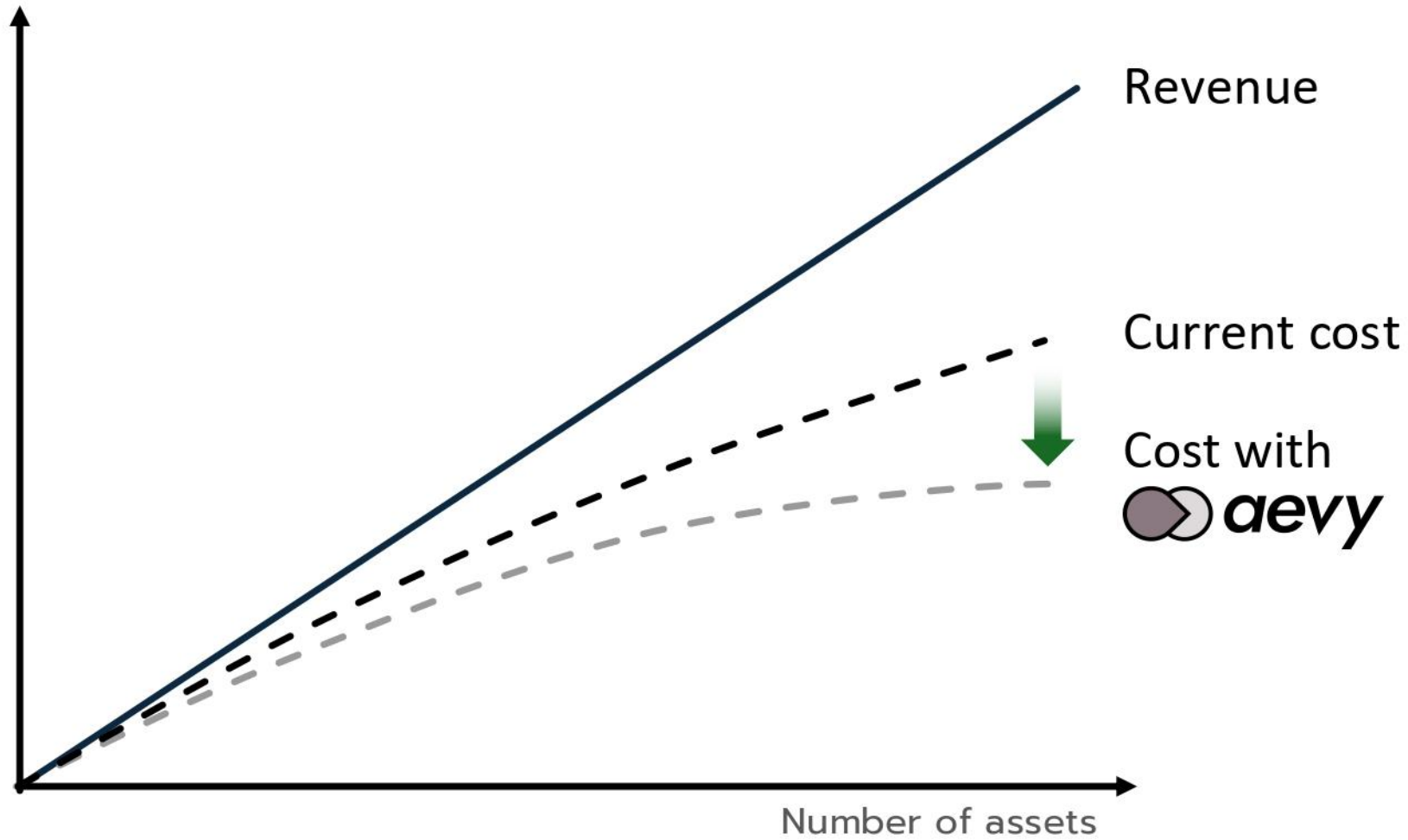
STRONG TRACTION IN MARKET READY TO CHANGE

3 ongoing collaborations

...and 30+ companies waiting test Aevy



SCALABLE MANAGEMENT OF RENEWABLES



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for the latest
updates



The screenshot shows the Aevy dashboard for 'Very Bright Solar GmbH'. The interface includes a left-hand navigation menu with sections for Menu, Tools, Assets, and Internal. The main content area features a satellite map of the solar farm, a weather forecast table, and a grid of performance indicators.

Hours	4	7	10	13	16	19	22	1	4	7	10	13	16	19	22
Temperature °C	7°	6°	8°	10°	10°	7°	6°	6°	8°	9°	11°	12°	12°	7°	7°
Rain mm	1.3							0.3	1.5	0.3					
Wind km/h	5	8	9	10	5	6	6	7	9	12	14	14	16	12	7
Wind gusts km/h	14	14	17	21	20	11	11	12	11	22	29	30	31	29	3
Wind dir.															

Category	Percentage	Details
TCMA	85%	1 risk identified →
EPC	95%	2 recommendations →
WTG O&M	95%	1 recommendation →
Substation O&M	80%	1 upcoming task →
PPA	100%	-
Land	100%	-
Lenders	70%	2 recommendations →
Telecom	100%	-

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FINALIST

YANNICK VESCHETTI

President & Co-founder,
Heliup



Heliup

More than lightweight

Empowering the
energy transition
through solar-
powered buildings

SolarPower Summit 2025: Let's Flex
Speaker Briefing - Solar Startup Award 2025

Unlocking the energy potential of rooftops

C&I POTENTIAL in EU



400 GWp

Over 4.000 millions m² of available large rooftops

EU Regulation

Solar Roof Initiative. PV obligation on existing and new building from 2026



40 TO 80%

Of existing buildings are not compatible with current solar solutions due to low bearing capacities

INDUSTRIAL



COMMERCIAL



LOGISTIC



PUBLIC



Heliup

CREATION 09.2022

SPIN-OFF OF



HIGH EXPERTISE

> 20 YEARS EXPERIENCE
IN PV R&D & MANUFACTURING

EUROPEAN INDUSTRIAL
PLAYER

DEVELOPMENT & FABRICATION

of lightweight solar PV
solutions dedicated to
existing building rooftops
with low-bearing capacities

GREEN & LOCAL ENERGY PRODUCTION

**BUILDING ENERGY
EFFICIENCY**



INDUSTRIAL SOVEREIGNTY



**INNOVATION
WITH VERY LOW
ENVIRONMENTAL
IMPACT**





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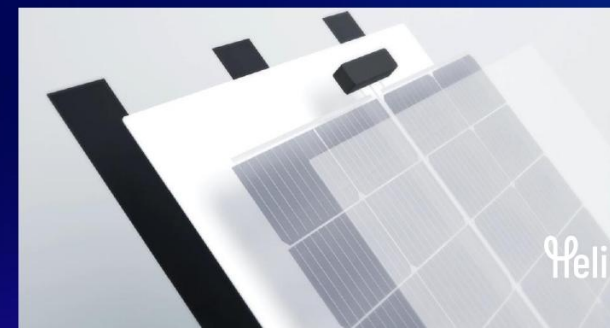
INNOVATIVE TECHNOLOGY

3 YEARS OF DEVELOPMENT

INNOVATION FROM



PATENTED



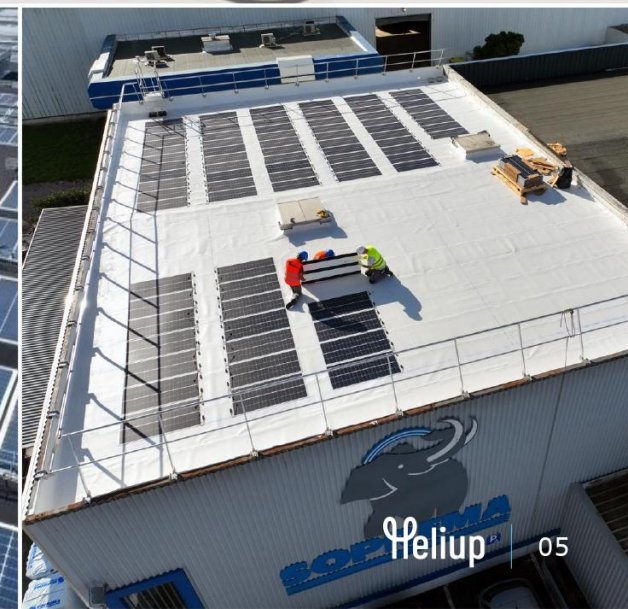
INNOVATIVE STYKON[®] PANEL FOR FLAT ROOFTOPS

- ✓ **LOW WEIGHT (5 KG/M²)**
- ✓ **HIGH EFFICIENCY 20%**
- ✓ **RESISTANCE TO EXTREME CONDITIONS**
- ✓ **MANUFACTURED IN EUROPE**
- ✓ **EASY AND FAST INSTALLATION PROCESS**



CERTIFICATE OF CONFORMITY
IEC 61215/ 61730/ 61701
LOW CARBON FOOTPRINT

60% lighter



PRODUCTION LINE

ISO
9001

evolve

SITE

4000 m²

SLS Actiparc – Le Cheylas

100 MWp /year

IMPACTS

- 50 000 tons/year of avoided GHG
- 5000 Ha of preserved land
- 5 000 tons/year less materials
- 100 directs local jobs created



Funded by the European Union
Emissions Trading System
Innovation Fund

ROADMAP



2024-2027

PROD.

100
MWC/YEAR

Market

FR & EU

2028-2029

PROD.

500
MWC/YEAR

Market

EU

>2030

PROD.

**GIGAWATT
SCALE**

Market

World

Heliup

- ✓ A NEW EUROPEAN INDUSTRIAL MANUFACTURER
- ✓ BASED ON AN INNOVATIVE TECHNOLOGY MADE IN EU
- ✓ SERVING THE BUILDING/ENERGY ECOSYSTEM

Heliup

More than lightweight

830 CHEMIN DE LA PLAISSE, 73370, LE BOURGET DU LAC
CONTACT@HELIUP-SOLAR.COM
WWW.HELIUP-SOLAR.COM

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FINALIST

FELIX HEIMKE

Senior Product Manager,
Suena



Advanced Trading for Green Energy

Transforming volatility into revenues



Unique Positioning

We are the only fully algorithmic and AI-based power trader for grid-scale batteries & renewables.

Value Proposition

suena boosts trading revenues up to 150% and extends battery lifetime by three years, while minimizing trading risks.

Key Customers

iqony

uni
per

— EnBW

MÜNCH
ENERGIE

iAccess

prokon

Assets under Management

654 MW

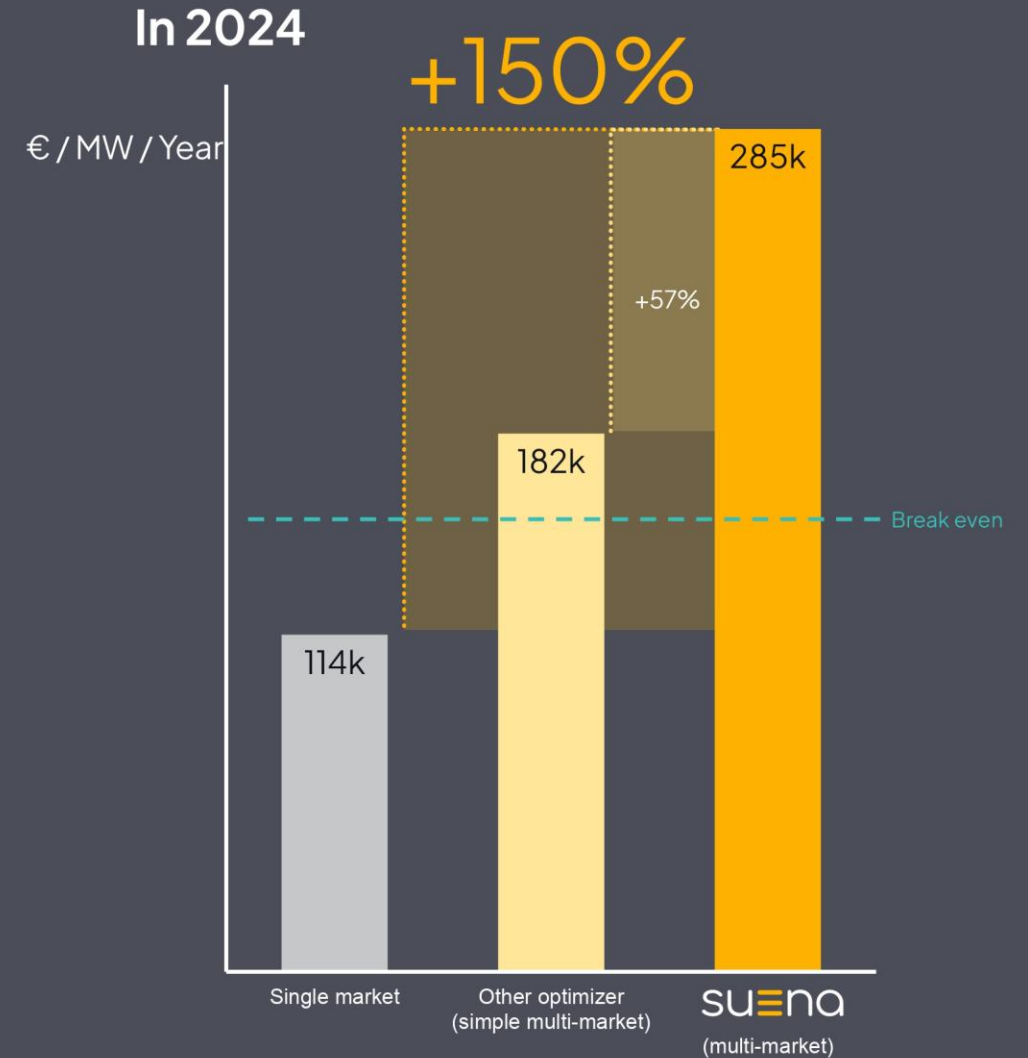
Battery & Renewables assets under management
(operative or contracted)

Faced with increasingly volatile energy markets, **investors are missing out on significant revenue potential**

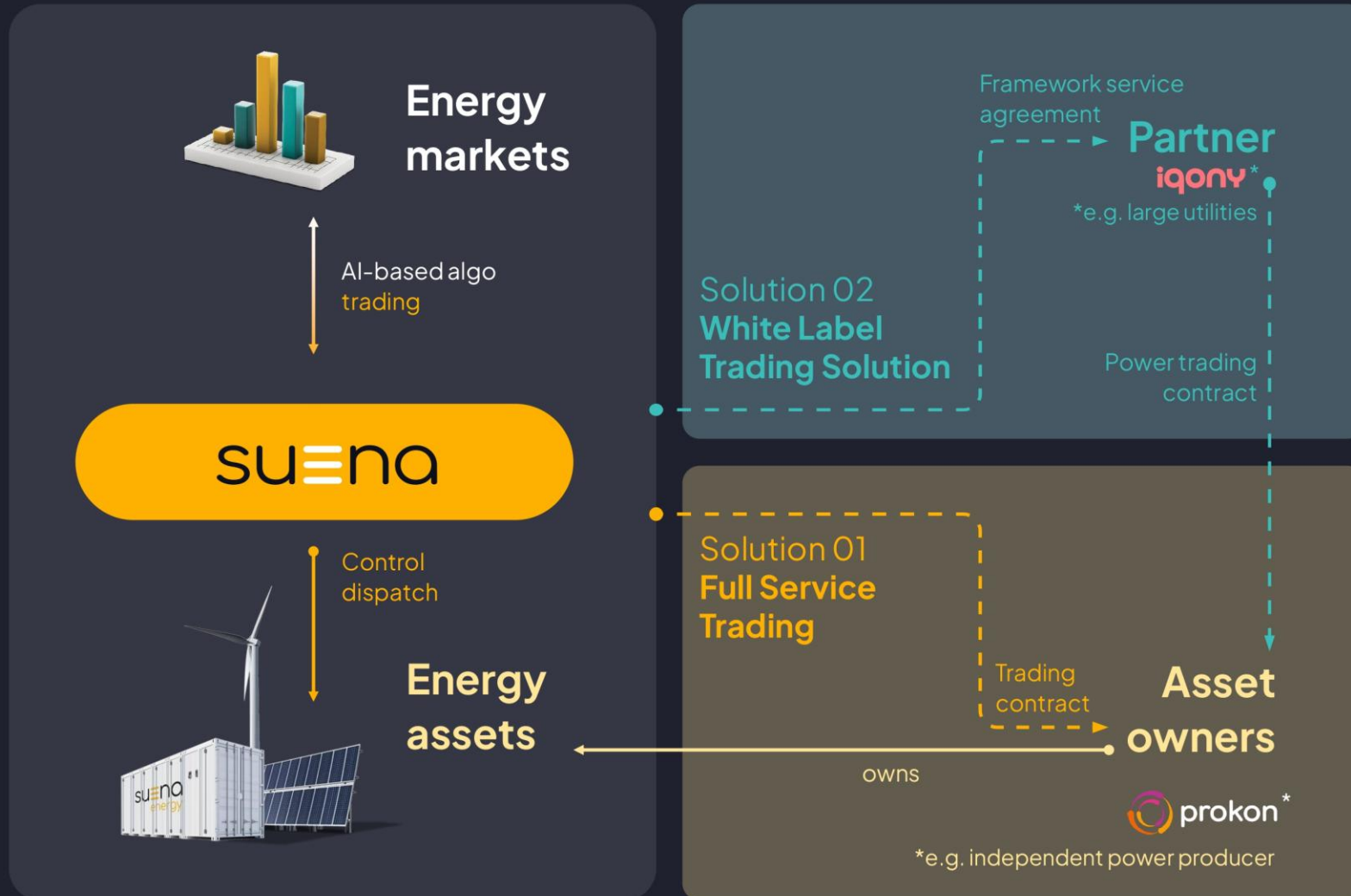
60%

average lost revenue potential
through manual and slow trading

suena turns volatility risk into highest possible revenues for battery and renewable investors



We offer the future of power trading for batteries & renewables today



suena energy trading autopilot: The AI engine behind maximum revenues

Input

Energy trading autopilot

Output

Value

01 **Fundamental market data**
 ↗ Weather forecasts
 ↗ Load forecast

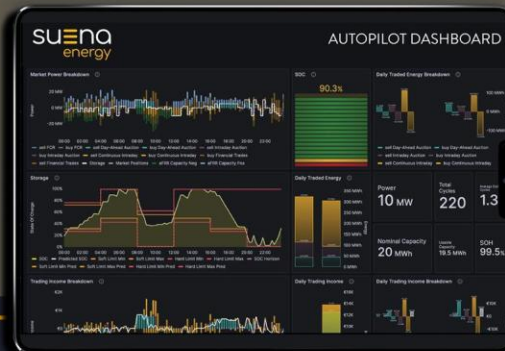
02 **Asset data (real-time)**
 ↗ State of charge
 ↗ Power

03 **Market data (real-time)**
 ↗ Orderbook
 ↗ Day ahead price forecasts

suena
Analytics

AI-based forecasts

suena
Algo-trading optimizer



>50k trading decisions every day

Milliseconds in execution

570 trading products daily through multi-market optimization

>150% revenue maximization

Real-time simulation of degradation

>3 years extended battery lifetime



suena

Empowering Tomorrow

Felix Heimke
Senior Product Manager

✉ Felix.heimke@suna.energy

🌐 suna.energy

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FINALISTS



Gautier Moulin

Co-founder & COO,
Aevy



Yannick Veschetti

President & Co-founder,
Heliup



Felix Heimke

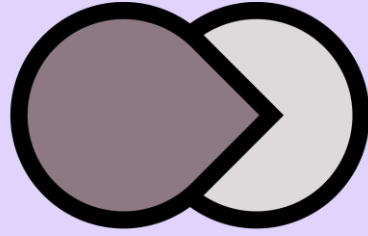
Senior Product Manager,
Suena

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devy

Suena