Heliup

Unlocking the next solar growth with lightweight panels: a breakthrough for energy-efficient buildings



Teaser



Leading the lightweight solar revolution in Europe

September 2022

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November 2023

January 2025

February 2025

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Creation

Spin-off from





Pilot line

Annual production capacity of **10,000 modules** on a **600 m²** surface

Production line

Annual production capacity of 330,000 modules on a 4,000 m² surface

Scaling

Already €2.6m in secured revenue in 2025 as the only certified solution to date in France



€550k

Revenue in 2024

€4.0M

FY25 Budget

Revenue secured in FY25

€2.6M

4,000+

PV modules produced in 2024

5

Ongoing partnerships

5

Patents applications

20+

Years of R&D legacy through CEA's spin-off



Unlock a massive potential on commercial & industrial (C&I)

solar rooftops in Europe

Over 4,000 Mm² of available large rooftops in Europe

~ € 10 bn/year

Annual value creation from C&I rooftops

EU Regulation

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













Heliup is addressing a larger part of the market by being lightweight where others have failed



O1. Construction

Conventional panels are incompatible with a significant part of existing buildings, requiring expensive additional structural reinforcement

Insurability

Panels for C&I applications must be compliant with insurances requirements (building/fire certification)

Cost efficiency Lightweight pane

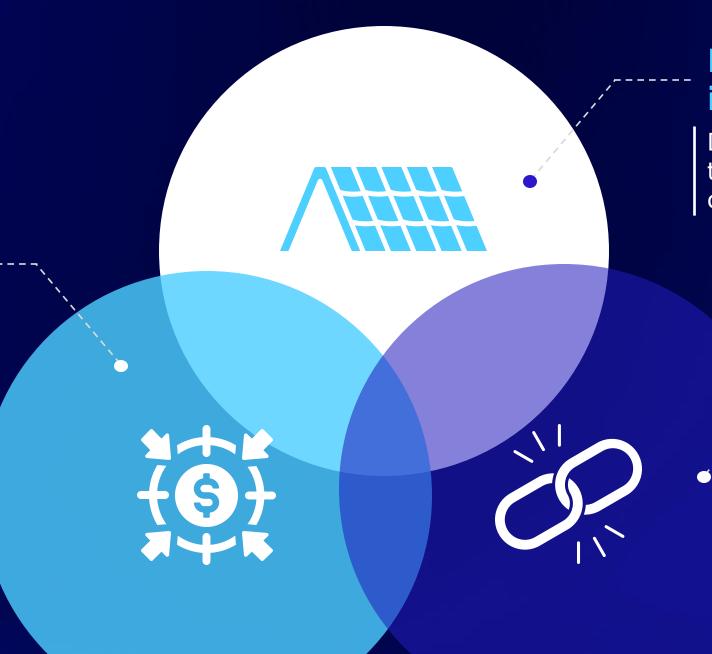
Lightweight panel structures can lead to overall system costs reduction, including installation and renovation



What matters besides being lightweight?

Achieving competitive pricing

Standard panels require additional structural reinforcement Heliup panels are 3x lighter while offering the same durability and performance



Being compliant to ensure insurability

Despite its importance, few players provide the necessary certification to ensure compliance and insurability

Ensuring long term system durability

As materials used for standard lightweight panels like polymers or composites lead to strong performance loss



Finding the perfect balance through years of R&D: unmatched in the industry





manufacturers planned for Q3

2025

Local and proprietary production capacity

Production line

100 MWp /year

Operational since Jan 25

4,000 m²

Le Cheylas

330,000 panels /year

100 MWp annual capacity based on 3 shift

Pilot line

Bourget

600 m²

3 MWp /year

Operational since Nov 23

10,000 panels /year

3-5 MWp annual capacity based on 1 shift

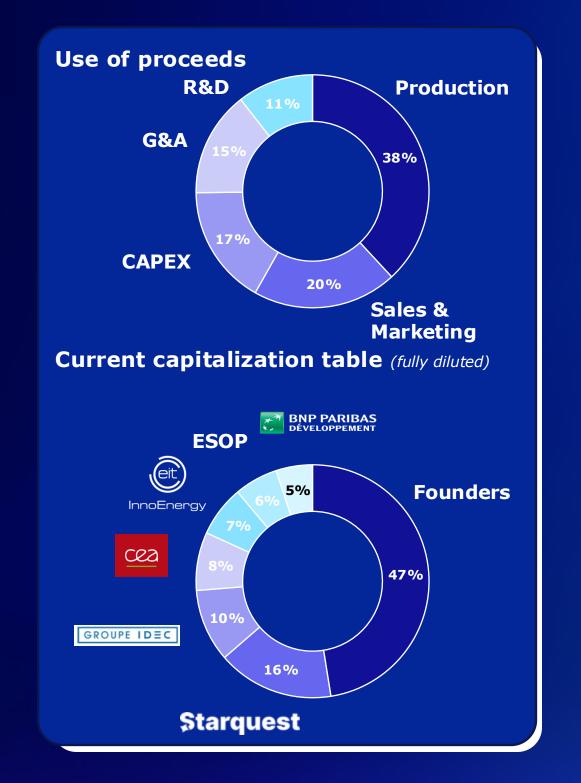
NZIA 40%

Of solar tech deployment must be EU-made by 2030



€12m fundraising to reach €42m in 3 years







An experienced team sized for growth



Yannick VESCHETTI CEO & Co-founder

20+ years of solar R&D (PhD in Physics, 27 publications, 17 patents)



Julien GAUME CTO & Co-founder

Pierre RUOLS

CIO & Co-founder

Led PV operations at 2CA,

driving production and

scaling (4 patents)

18+ years of solar R&D (PhD Physical Chemistry, 10+ publications, 33 patents)



Laurent PRIEUR CFO & Co-Founder

Former CEO at CERTISOLIS, oversaw testing and certification activities in photovoltaic solar energy



Maryline JOANNY CCO

20+ years in PV R&D, project management & commercialization (THALES, CEA, INES)





Olivier DOUCET Site director

QHSE & PV recycling specialist at INES and CEO of renewable energy firm (65+ installations)



Arnaud GOY COO

17+ years as CEO (Schneider Electric Consulting, Solean, Agytech)



FTEs





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