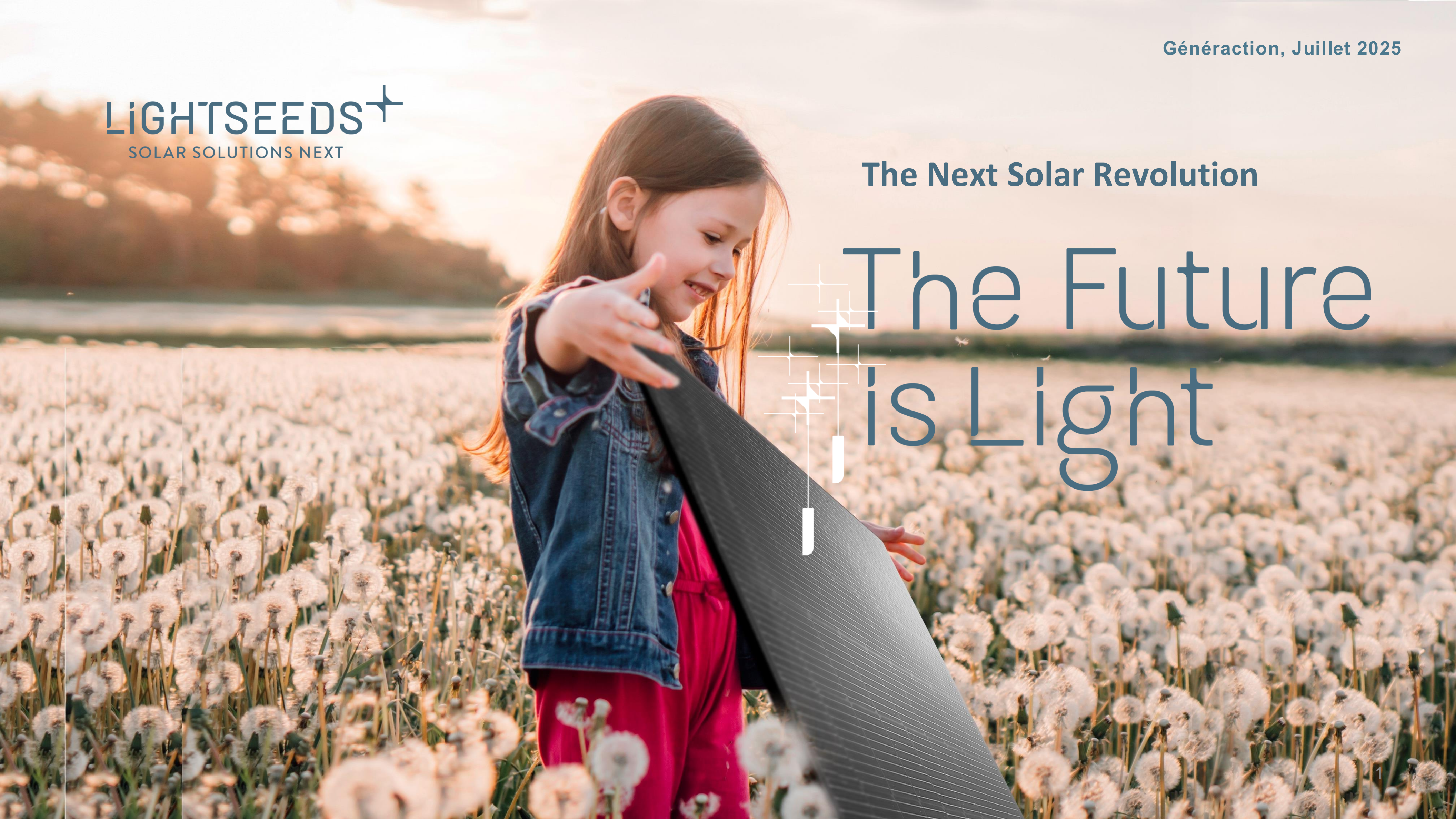


LIGHTSEEDS 
SOLAR SOLUTIONS NEXT

The Next Solar Revolution

The Future
is Light



Who we are Founders

- ✦ Complementary expertise,
- ✦ More than 15 years of shared background in PV R&D,
- ✦ industrial skills, product development
- ✦ Decade of successful collaboration
- ✦ Shared vision and values
- ✦ Committed and ambitious



LightSeeds in a Nutshell



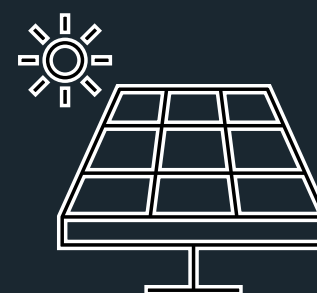
LightSeeds SA incorporated
in 2024



Patents pending



2 founders
4 board members



TRL 8
Pre-certified



key partners
9 industrials
4 institutions
2 academics



2 pilot installations
on-going discussion with clients

Challenges of Vertical Solar Utility-Scale Installation Problem

- ✦ High costs
- ✦ Heavy and fragile modules
- ✦ Heavy mounting structures
- ✦ Site constraints

This implies:

- ✦ Holds investments
- ✦ Higher environmental impact

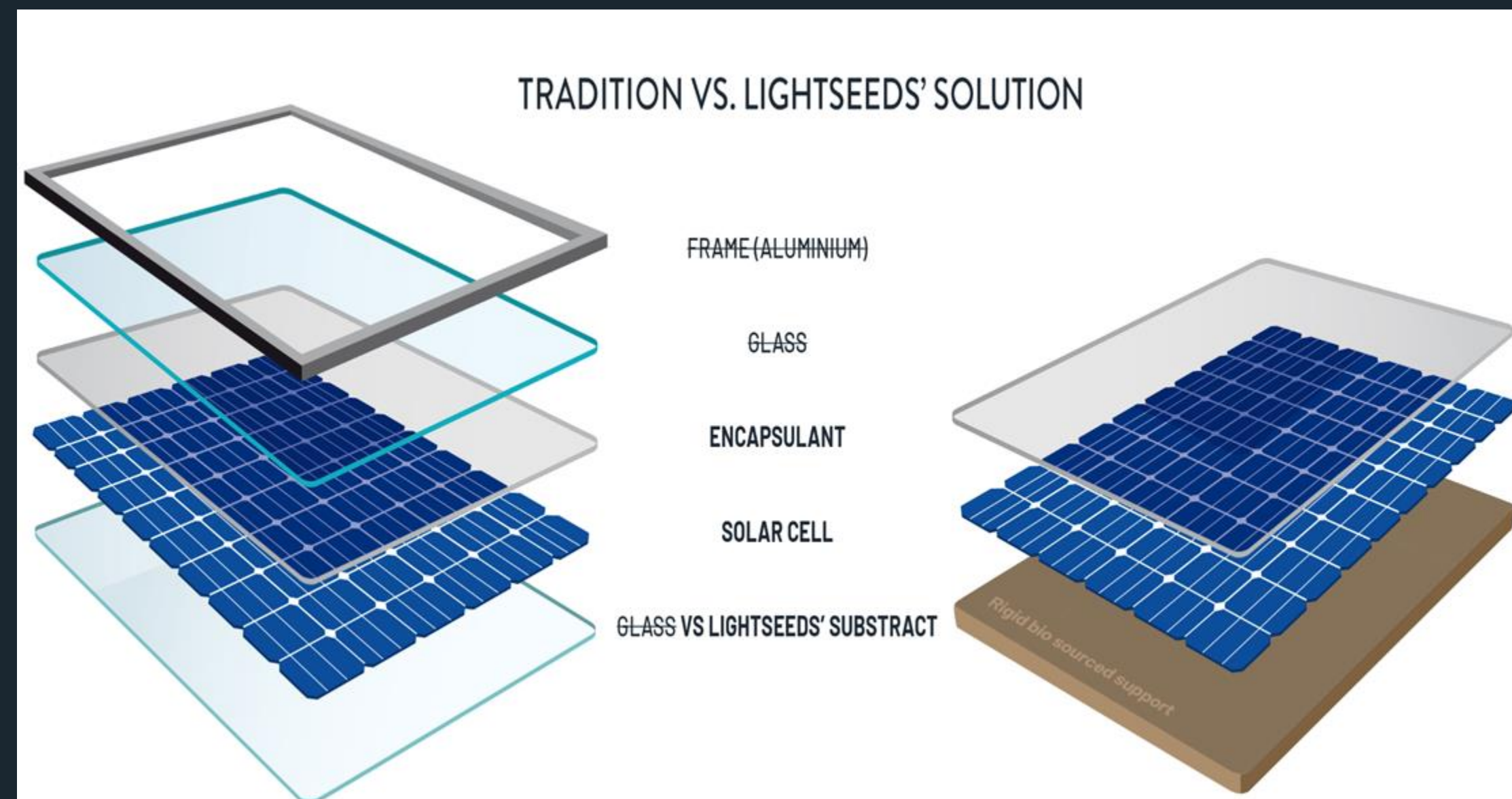


Advanced Design & Sustainability

What sets our PV technology apart

LIGHTSEEDS✦
SOLAR SOLUTIONS NEXT

- ✦ **Lightweight glass-free panels**
No breakage risks, full rigidity.
- ✦ **Light & rigid design**
Easier transport, plug & play system.
- ✦ **Seamless integration**
Fully scalable in existing manufacturing processes and standard PV production lines.
- ✦ **Proven performance**
Swiss-invented, patents-pending, pre-certified, TRL 8, and bootstrap funded.
- ✦ **Sustainable by design**
Easily recyclable, circular economy ready, and Fluorine free.



Innovative Versatile System Our Solution

LIGHTSEEDS⁺
SOLAR SOLUTIONS NEXT

We achieve a 20% reduction in total installed system costs, while significantly cutting carbon footprint.

TRL8

IEC 61215 PRE-CERTIFICATION

+60%

WEIGHT REDUCTION

8kg / 1.7 m²
Rigid
Unbreakable

-20%

TOTAL COSTS

Reduced mounting
structure and labour

-50%

CARBON FOOTPRINT

Bio sourced material
Recyclable
Fluorine free



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Bundesamt für Strassen ASTRA
Office fédéral des routes OFROU
Ufficio federale delle strade USTRA



HILTI

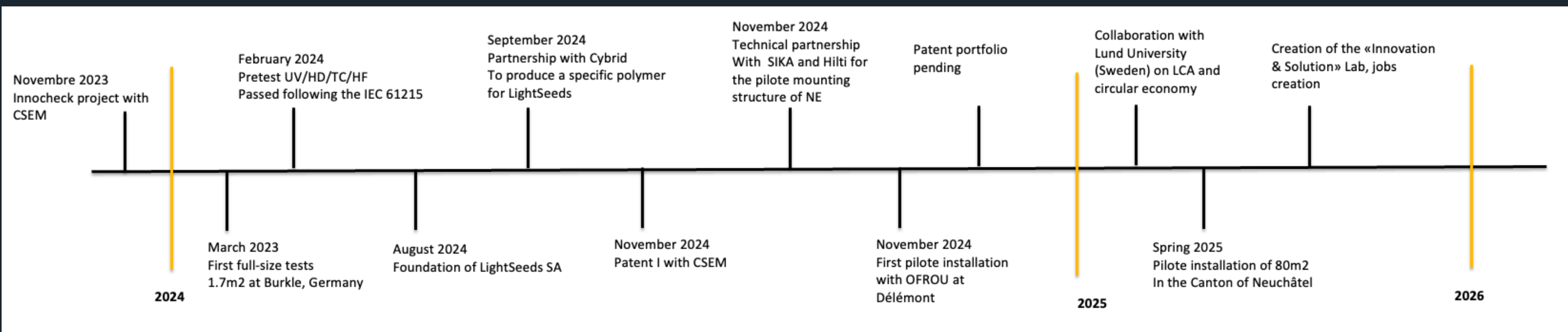


Pilot installation in the frame of the Federal Office for Road (OFROU) project Delémont-Ouest, Autoroute A16

<https://blog.astra.admin.ch/fr/lenergie-photovoltaique-a-lepreuve-sur-lautoroute-a16/>

What we achieved so far

LIGHTSEEDS+
SOLAR SOLUTIONS NEXT



Pilote installation in the frame of the Federal Office for Road (OFROU) project Delémont-Ouest, Autoroute A16
<https://blog.astra.admin.ch/fr/lenergie-photovoltaique-a-lepreuve-sur-lautoroute-a16/>



Fiirst pilote production at 3S solar in Worben



Partnership with Cybrid (June 2025)

Customer segments

Infrastructure Owners, Operators & Installers

- Government bodies, road and transport agencies, deployers, Engineering, Procurement, and Construction (EPC)

Construction & Real Estate

- Developers, architects

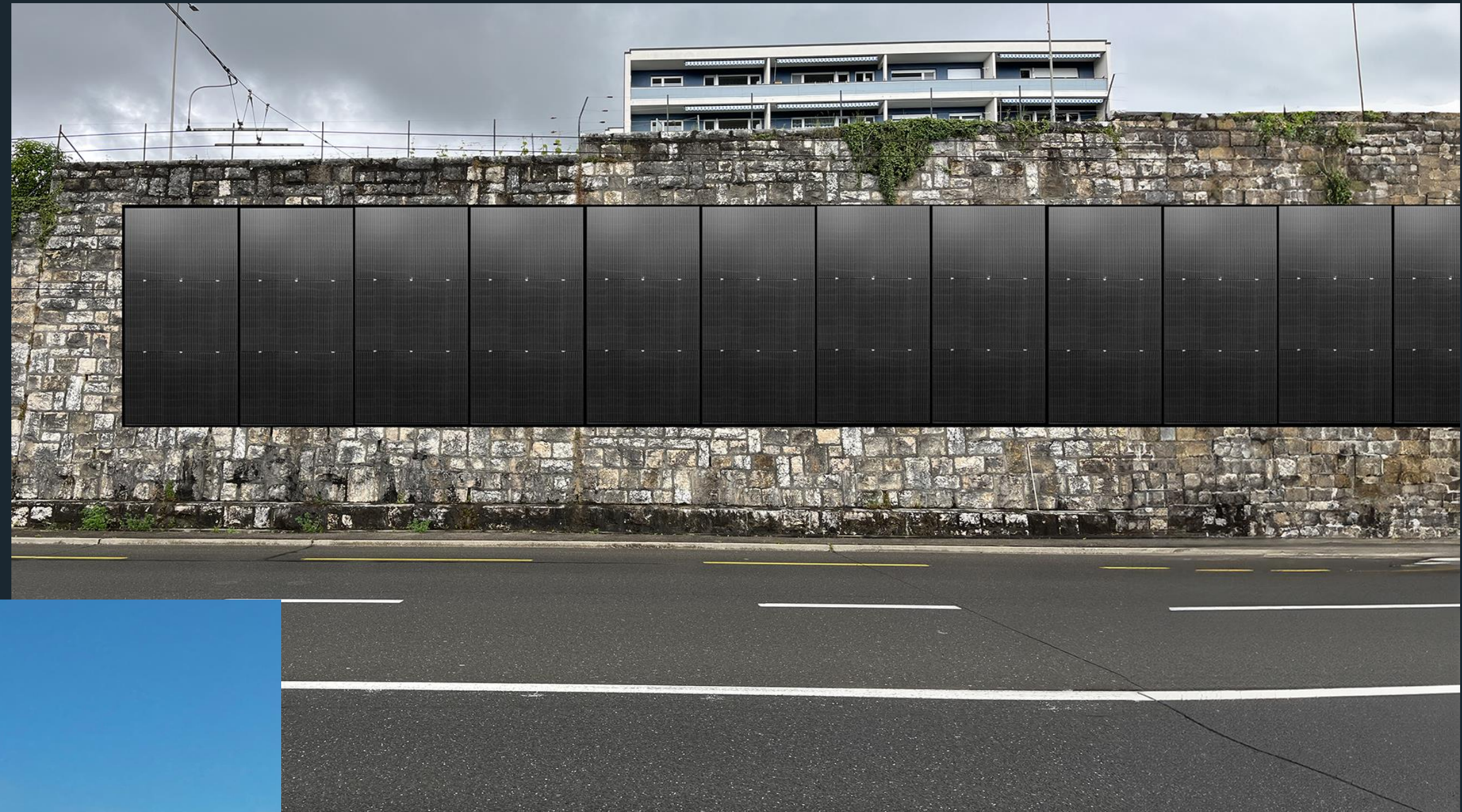
Sustainability-Focused Corporates

- *ESG-driven firms*, green investment, low-carbon branding

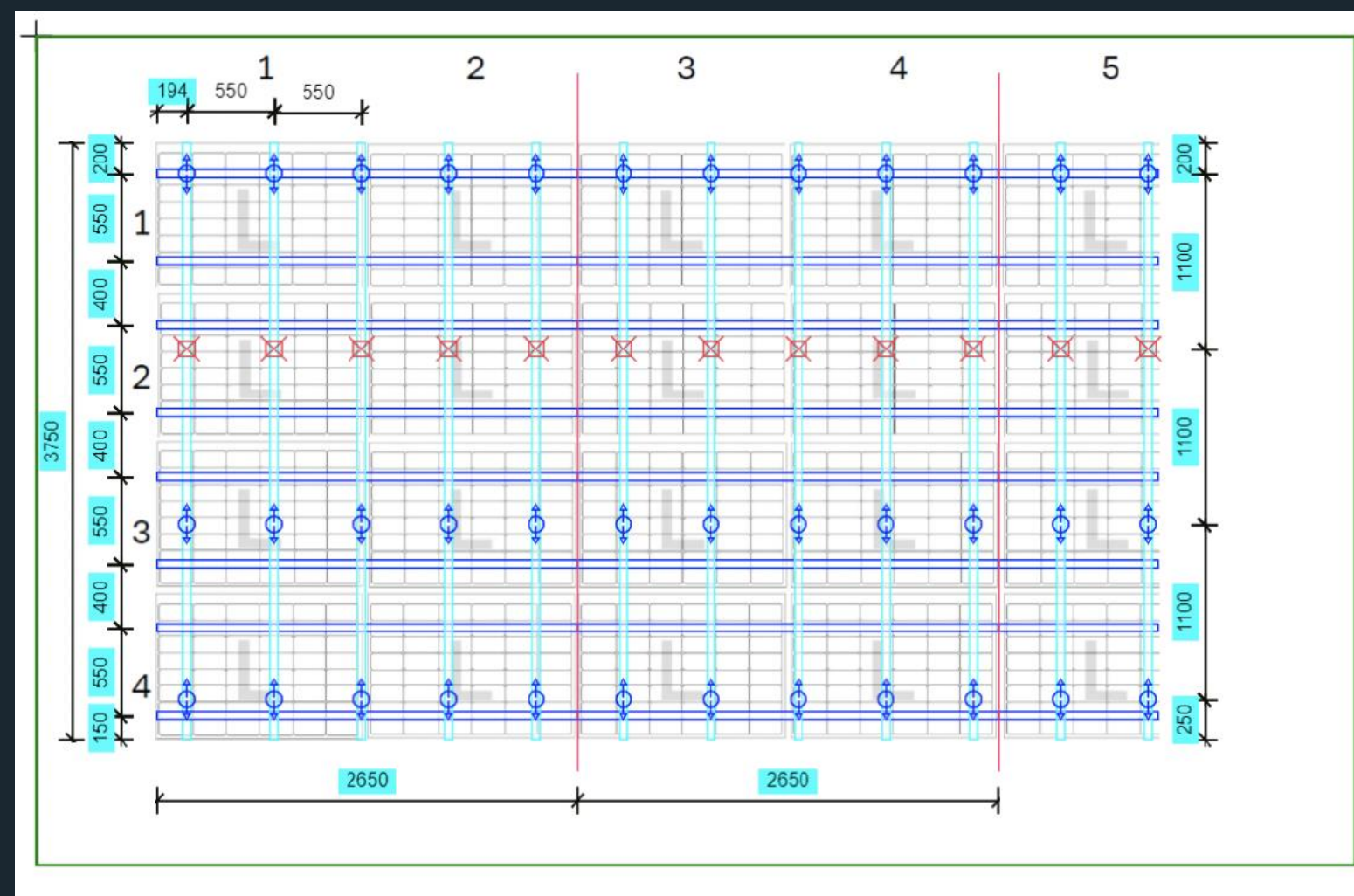
LIGHTSEEDS

SOLAR SOLUTIONS NEXT

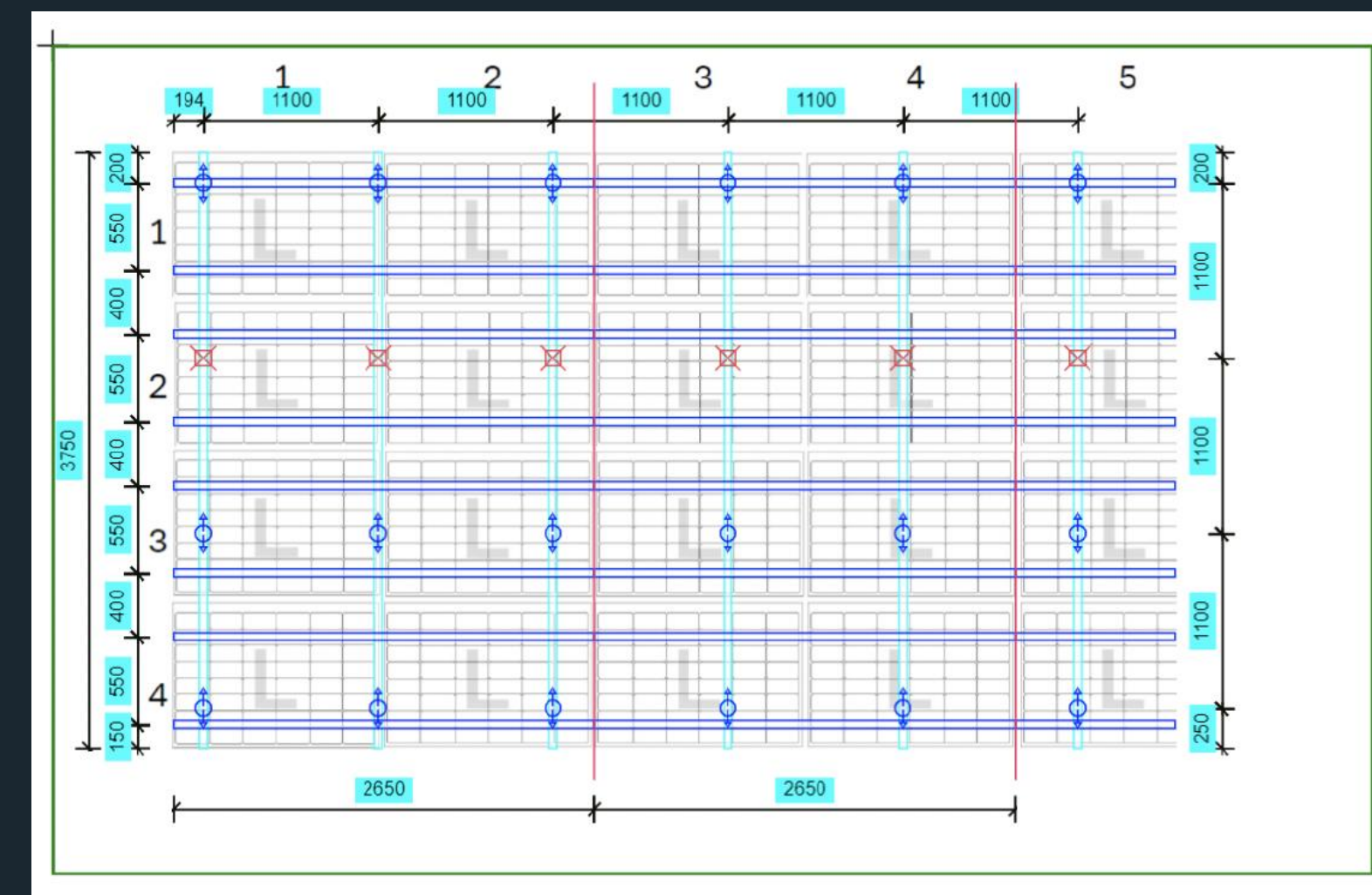
Pilot installation in Neuchâtel (20KWc)
Rouges-Terres, Hauterive



50 % less fixation points, 30% cost reduction



Structure with standard glass modules
200 fixation points (CHF 80 /m²)



Structure with LightSeeds modules

100 fixation points (CHF 56 / m²)

LIGHTSEEDS⁺

SOLAR SOLUTIONS NEXT

Tests d'arrachage



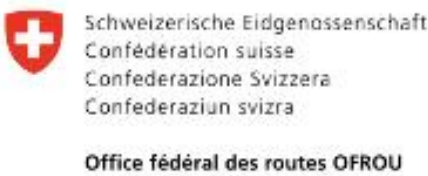
Essai no.	Charge vs. déplacement	Charge vs. temps	Image	
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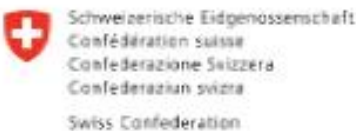
LightSeeds' Partners and Sponsor



Institutional and industrial partners



Innovation cheque supported by



Exploit the power of sustainable materials in solar technology, reducing environmental impact and paving the way for next generation energy solutions.

