Lanus

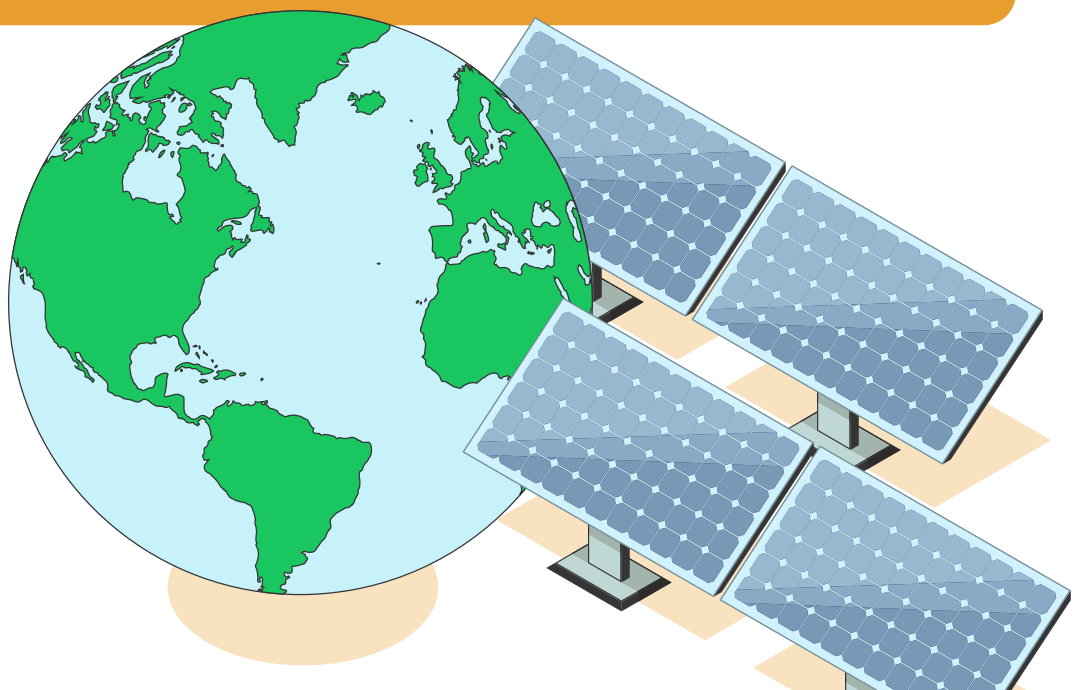
Something new under the Sun.

Lanus Solar's QDUP technology

Unlocking a **brighter tomorrow** with Lanus Solar's QDUP Technology.
We believe that welfare and development can be made sustainable
and **pollution-free** using renewable energy sources.

QDUP

A solar panel retrofitting system that can enhance the efficiency of your solar panels, whether part of an existing installation or a brand new one.



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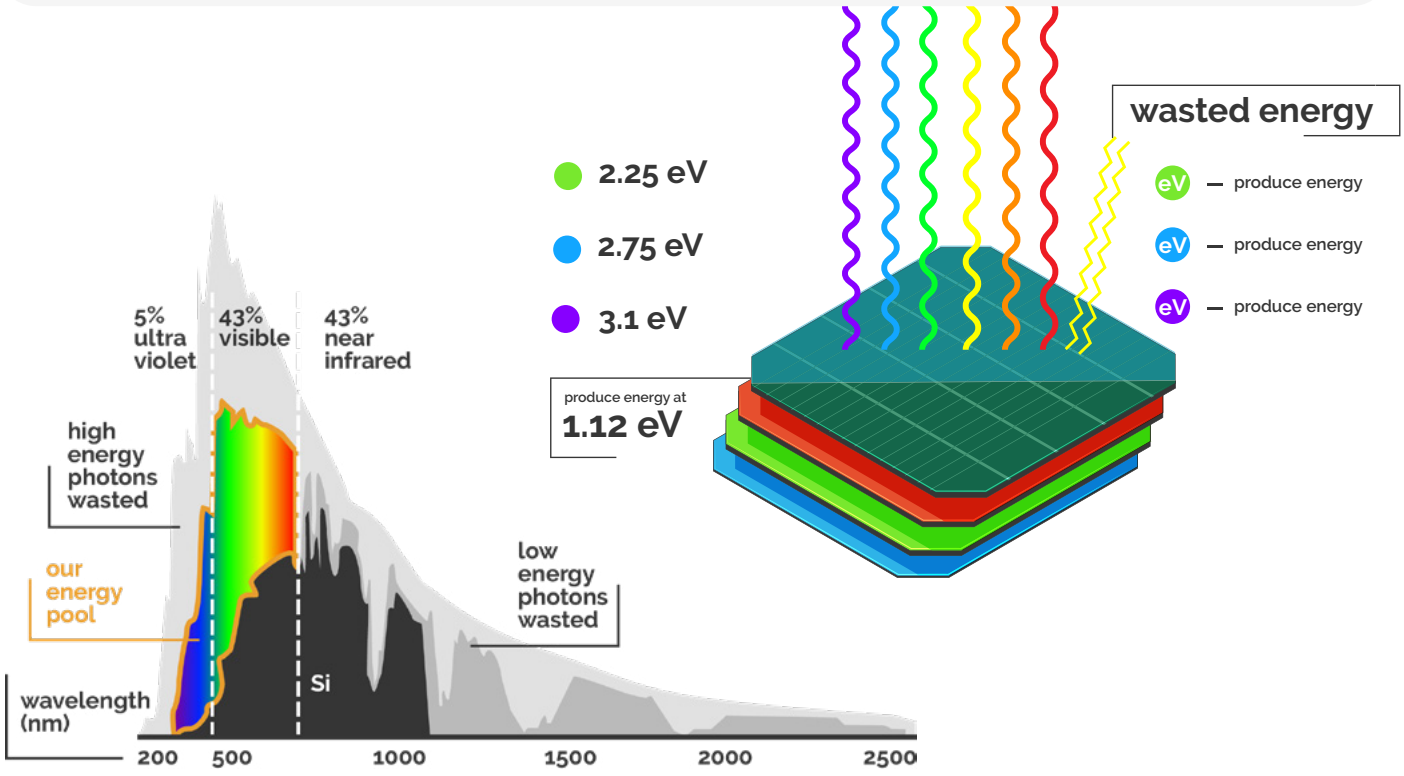
Problem in need of a solution

The current efficiency of most solar cells is relatively low because **they do not utilize all parts of the sunlight spectrum.** Red and infrared light are utilized in a much higher proportion than blue light, and UV light is not utilized at all.



Another significant issue is that, regardless of the energy content of the incoming light, solar panels only convert it at **1.12 eV** per photon, even if the **light has a much higher energy content,** possibly up to **3.1 eV.**

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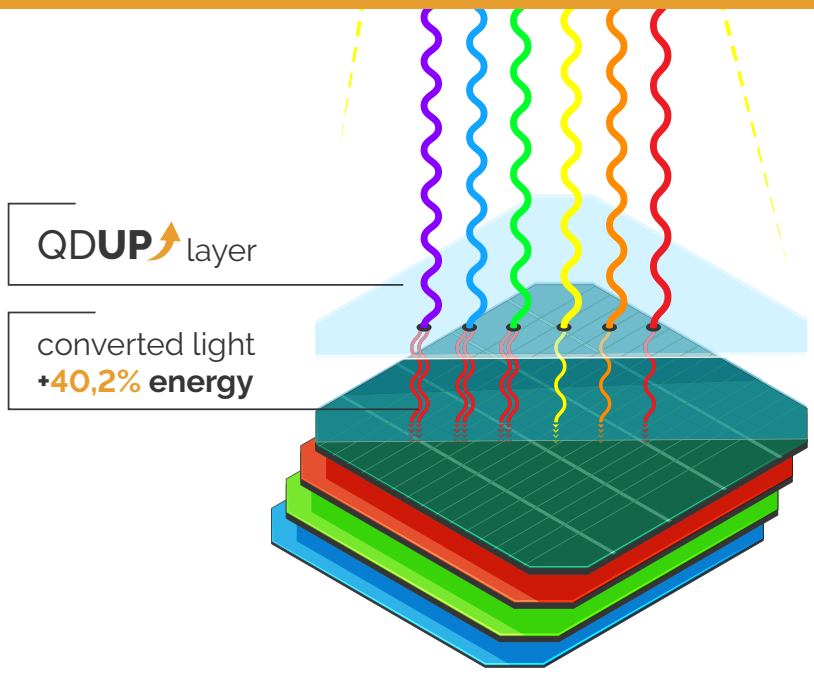
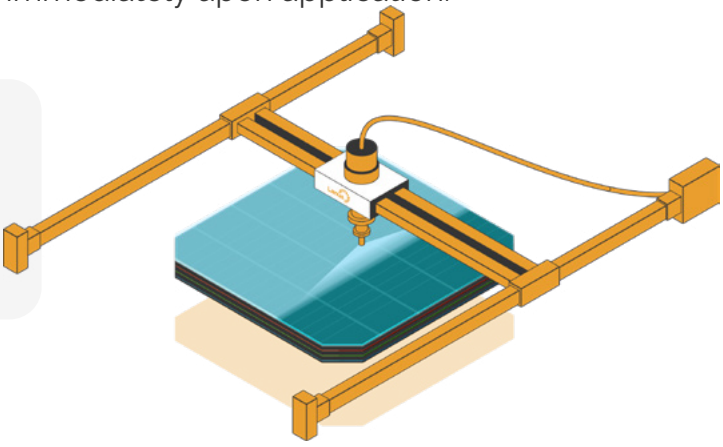
Our pioneering answer - Lanus Solar QDUP

Our product offers a solution to both low absorption and heat loss due to the band gap.



It's an **Upgrade Spray-coating solution** that works by **absorbing non-useful light** for solar cells and emitting it in a spectrum that is utilized by the solar cell, **significantly boosting their energy production** immediately upon application.

- Applicable to installed solar panels
- Applicable for new installations as well
- Space-efficient
- Modular
- Cost-effective



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Whom is QDUP for?

- Corporations with existing solar systems
- Solar panel manufacturing facilities
- Solar farms
- Anyone with direct or indirect involvement in solar panel production.

Price: we provide a customized offer after assessing your specific needs.

In summary, when you choose Lanus Solar's QDUP technology, you're not just investing in improving the performance of solar panels;
you're investing in a brighter, more sustainable future for us all.

Contact

Founder & CEO
Gábor Stánicz

phone
+36 20 2626 334

e-mail
gabor.stanicz@lanussolar.com

lanussolar.com