



SOLARDOK

Powered by Pext

SOLAR CARPORTS

Energy from every parking space

Solar Carport

A Solar Carport from SolarDok transforms a parking space into a directly profitable energy solution. While vehicles remain protected, the available space is used to generate your own green energy – without requiring additional roof surface. This makes a solar carport the smartest and most efficient step in sustainable business operations.

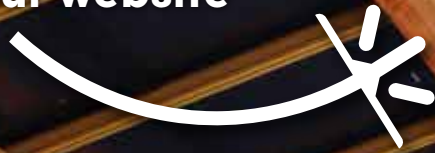
For companies, this offers major advantages. The generated power can be used for charging stations (AC/DC), office locations, business processes or battery storage, and can be connected to energy management systems (EMS). This structurally reduces energy consumption, optimises charging flows within the fleet and makes your organisation less dependent on the grid and rising energy tariffs.

In addition, a solar carport directly contributes to CO² reduction and ESG objectives, strengthens sustainable branding towards employees, visitors and clients, and allows you to benefit from subsidy schemes such as (depending on region) SDE++, MIA/Vamil or EIA. This creates an investment with high returns and social impact, ready for a future of electric driving and zero-emission mobility.

The high-quality mix of glass-glass BIPV, CO²-neutral aluminium and warm, durable wood gives SolarDok carports a premium appearance suitable for modern companies, governments and commercial locations. Functional, future-proof and visually distinctive – an energy generator, charging hub and business card in one.



**For more information,
please visit our website**



Douglas Wood

With a SolarDok Solar Carport, you choose a natural product with a warm appearance that fits perfectly into any environment – from business premises to public parking areas. The wood creates a stylish and high-quality character, suitable for organisations opting for a green and future-oriented image.

Our wood comes from sustainably managed forests and is PEFC-certified. The controlled balance between logging and reforestation ensures responsible material use, respecting the forest's natural life cycle.

Douglas wood falls under durability class 3, which stands for a long lifespan and reliable performance in outdoor applications.

For our constructions, we exclusively use optimised Douglas wood that is:

- dried (to 18%)
- duo-laminated
- finger-jointed
- planed and chamfered

Thanks to these processes, the wood is dimensionally stable, sturdy and precise, with minimal risk of warping or cracking.

Because the surface is smoothly planed, dirt adheres less easily and the risk of splinters is very small – low-maintenance and pleasant in use. Wood remains a natural product; small cracks may appear and contribute to its character and natural appearance.

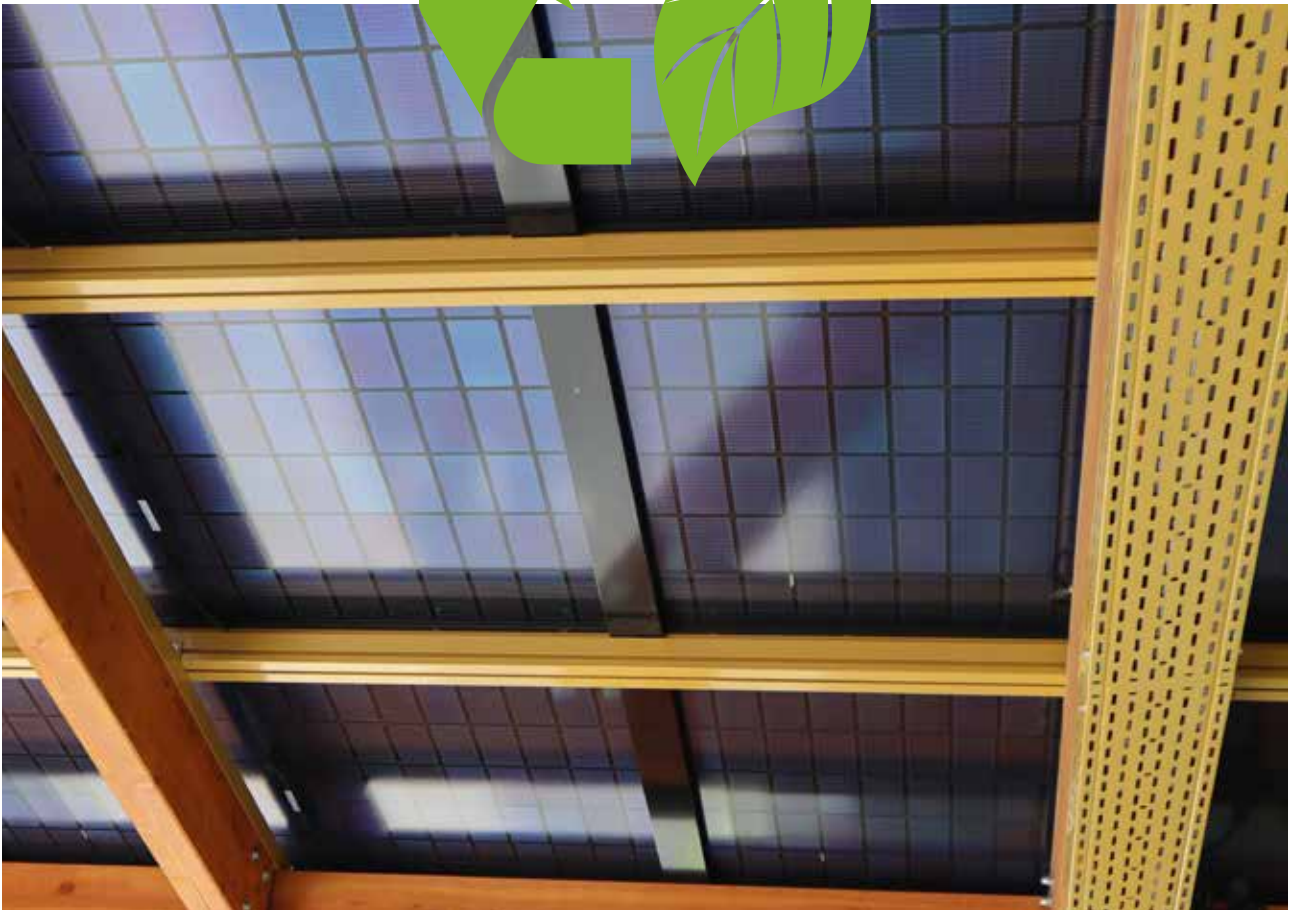
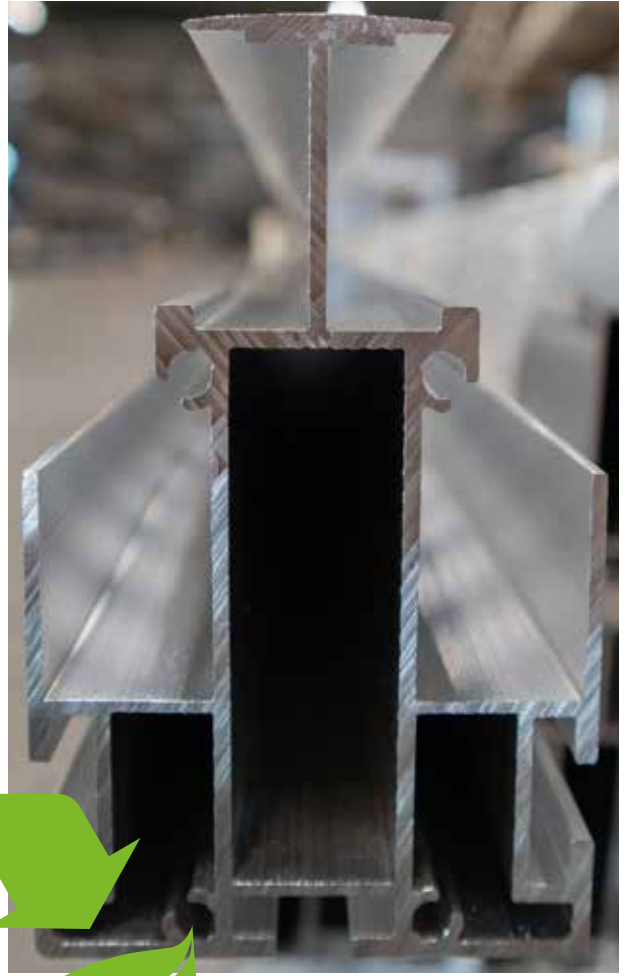
To protect and add a luxurious finish, we provide the wooden structure as standard with a high-quality, water-based, non-film-forming impregnating stain.

This stain:

- penetrates deeply into the wood
- provides excellent UV protection
- does not peel because it forms no film layer
- offers strong adhesion
- ensures even absorption
- consists of approximately 50% biobased content

This stain was developed as a weather-resistant conservation coating for non-dimensionally stable wood, such as cladding and outdoor structures, making it perfectly suited for our carports. The result is a sustainably protected wooden structure that retains its colour and premium appearance with minimal maintenance.





Circular Aluminium

At SolarDok, we feel responsible for actively contributing to a sustainable world. Therefore, we choose circular aluminium – a material that delivers the same, or even better, performance than conventional aluminium, but with a significantly lower climate impact.

Using circular aluminium reduces energy consumption by up to 95% compared to newly produced aluminium. The material consists of a very high percentage of recycled aluminium, supplemented with a small amount of new aluminium to guarantee structural specifications.

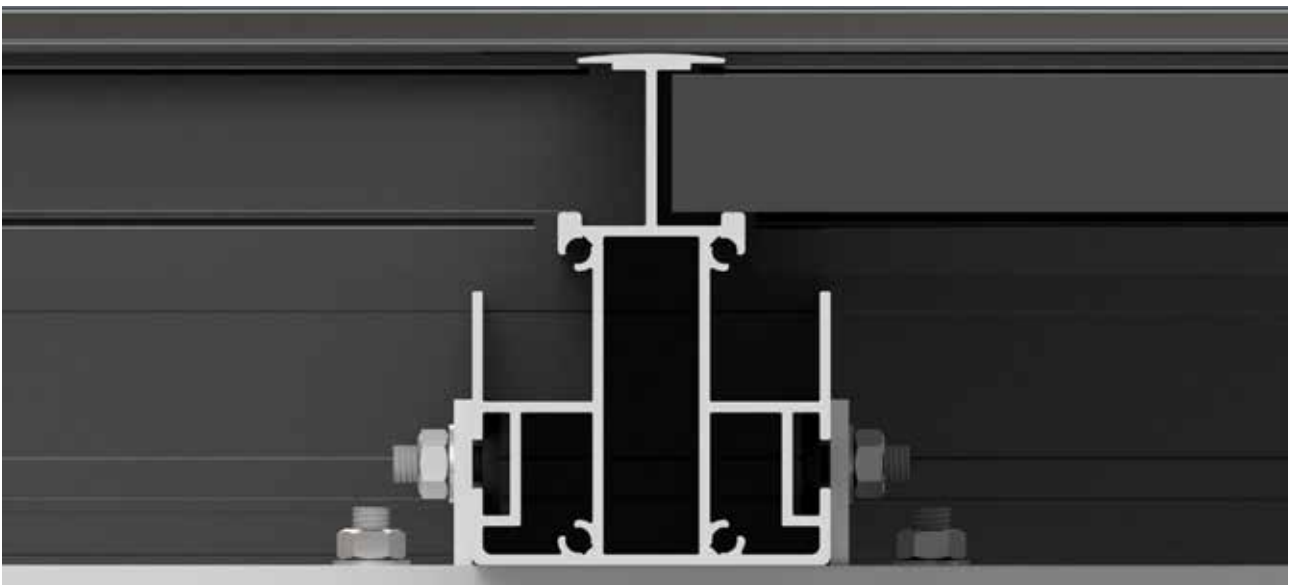
The entire process uses as much green and renewable energy as possible, significantly reducing CO² emissions.

Circular aluminium offers all advantages essential to SolarDok:

- High-quality EN-AW 6060 alloy with excellent corrosion resistance
- Light, strong and dimensionally stable with a favourable strength-to-weight ratio
- Infinitely recyclable without quality loss
- Low CO² footprint and minimal use of fossil resources
- Conductivity and formability remain fully intact

By choosing circular aluminium, we prevent depletion of natural resources, reduce transport movements and limit emissions. This results in premium carports with a significantly lower climate impact, without compromising on quality, lifespan or design.

SolarDok proves that design, technology and sustainability can perfectly coexist.



Where energy meets design

Discover the Solar Carports from SolarDok: a powerful combination of sustainable energy generation, smart mobility solutions and high-quality architecture. With CO²-neutral materials, robust wooden frames and an aluminium sliding-profile system, we offer a parking canopy that does more than provide shelter – it is an energy plant, mobility solution and visual statement in one.

Our Solar Carports deliver clean, renewable energy, ideal for charging electric vehicles, powering buildings or connecting to storage and energy management systems (EMS). Combined with charging stations, smart software and load balancing, a complete system is created that optimises energy flows, reduces costs and relieves the power grid.

The ideal choice for sustainable projects:

- Business premises & parking areas
- Retail & leisure locations
- Municipal and public parking areas
- Real estate developments & new-build projects

Thanks to their high-quality appearance, combining natural wood with modern aluminium technology, the carports integrate seamlessly into any environment. The use of framed solar panels ensures efficient and professional installation, delivering a sleek final result that remains beautiful and reliable long-term.

Sustainable. Efficient. Value-enhancing.

- CO²-neutral aluminium and wood
- Generation of green solar energy
- Prepared for charging stations (AC and DC)
- Compatible with EMS, battery storage and smart-grid solutions
- Contributes to ESG objectives and CO² reduction
- Low Total Cost of Ownership, high yield

Whether your goal is to make your fleet more sustainable, install EV-charging infrastructure or strengthen your sustainable brand image, our Solar Carport is a future-proof investment that delivers immediate visible returns.

Contact us for a project proposal or visualisation and discover how a SolarDok Solar Carport transforms your parking area into a smart, green energy hub.



Universal Profile System

Every installation is different, and installers have their own preferences for panels, brands and working methods. That is why SolarDok developed a solution that adapts to the installer, instead of the other way around.

A unique sliding profile system

Our sliding profile system is designed with a single goal: maximum flexibility. Unlike other systems, it is extremely fast to install, has a sleek and clean design, offers well-designed cable management and allows you to choose any RAL colour for your Solar Carport.

Freedom for the installer

With SolarDok, installers retain full freedom of choice. Prefer using your own substructure? No problem, our system connects effortlessly. Thanks to its innovative design, we offer three different roof types:

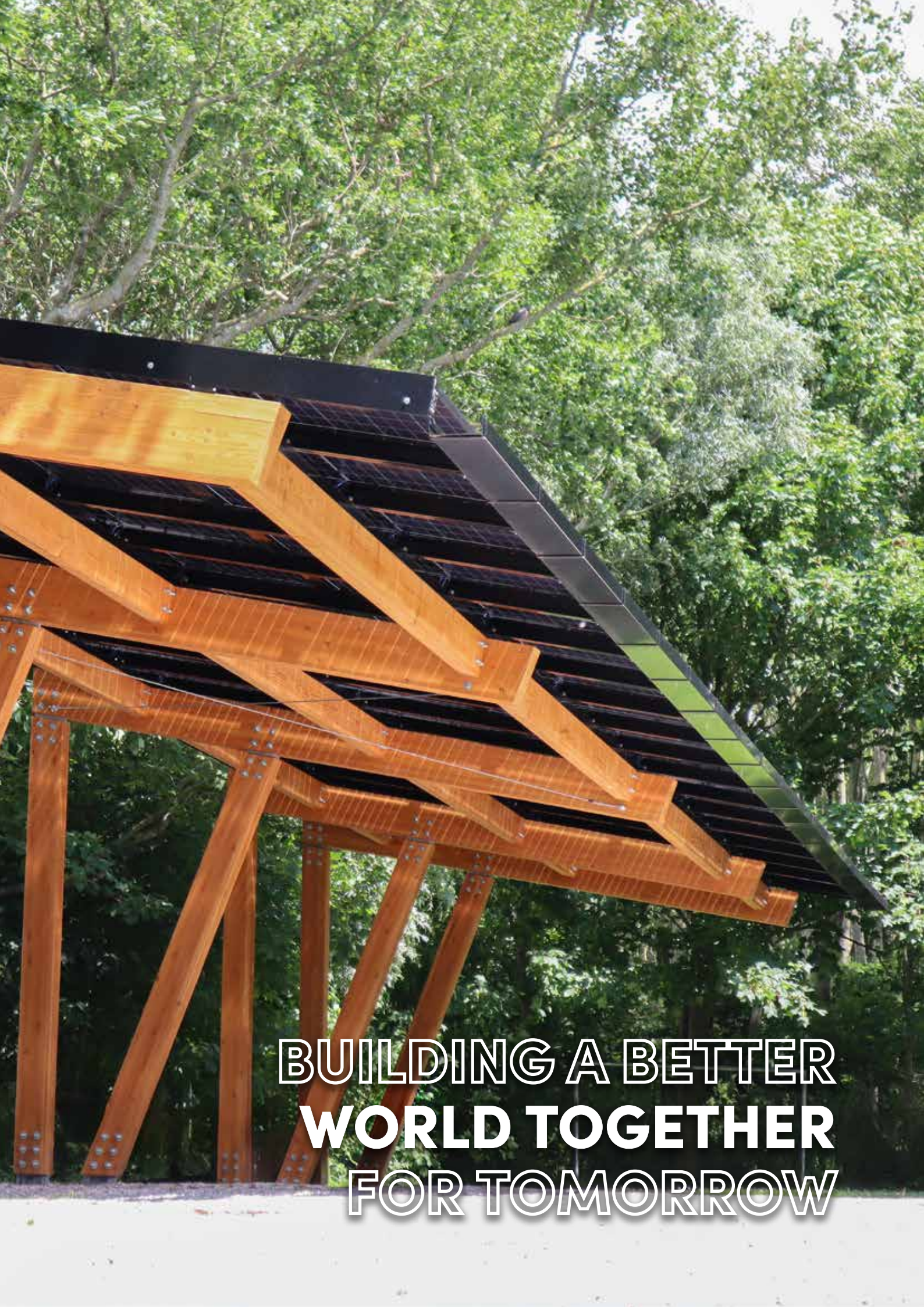
- Flat roof – covers only the parking space
- Gable roof – perfect for covering large parking areas
- Sawtooth roof – ideal for large spans, such as hospital sites

Whether it's a small project or a large-scale installation, SolarDok offers a suitable solution for every situation and always supplies structural calculations.

We believe sustainability begins with smart simplicity. That is why we deliver systems that are technically well-engineered, sustainably produced and practical to use. With SolarDok, you choose a partner who supports, guides and grows with you, helping you build a future that shines.







**BUILDING A BETTER
WORLD TOGETHER
FOR TOMORROW**

Experience and Trust

SolarDok develops sustainable solar carports throughout Europe. We proudly look back on a wide range of projects in which we have transformed parking areas into energy-generating, future-proof solutions. Our systems are used in commercial buildings, mobility projects, and outdoor commercial spaces.

Together with our partners, we have installed solar carports at, among others:

Apartment complexes in Nunspeet and Emmen – where residents benefit from shaded parking spaces, locally generated solar energy, and an enhanced sustainable appearance of their living environment.

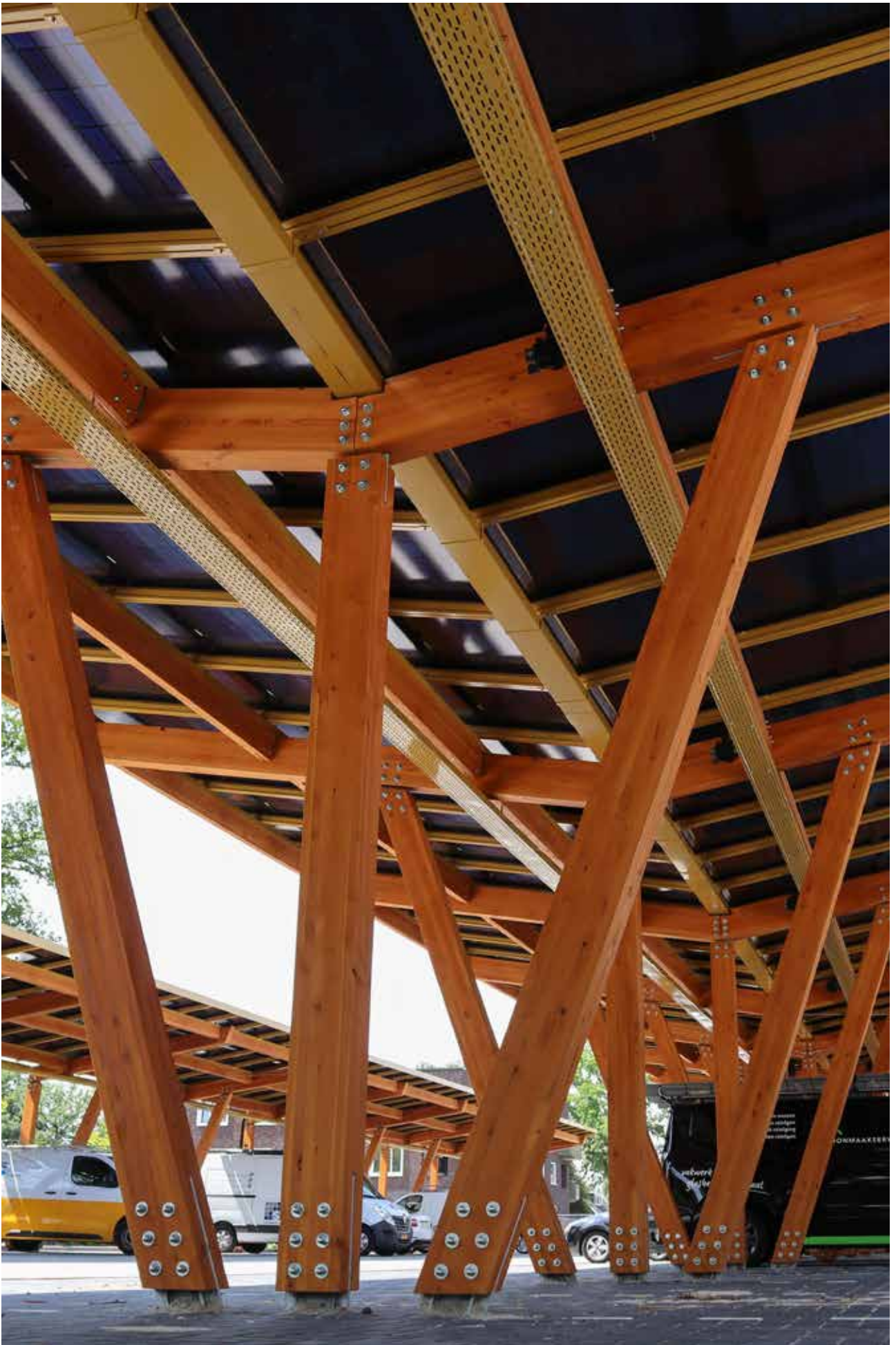
Restaurant De Zwarte Haan in St.-Jacobiparochie – where guests park beneath a stylish, energy-generating carport that helps reduce energy costs for the business owner.

Vennegoor Installaties – where the carports not only protect company vehicles, but also serve as an energy source for the company fleet and business operations.

In addition, SolarDok also supplies roof systems for steel structures, such as at Volvo Maastricht, where our high-quality solar roof system was installed on a 150-metre-long steel substructure by Mannen van Staal. In this way, we also provide tailor-made solutions for partners and contractors within existing projects and collaborations.

With every project we complete, we prove that functionality, sustainability, and design can go hand in hand perfectly. From design to engineering, and from bespoke production to installation, SolarDok supports business clients through every phase – delivering a future-proof result with visible impact.









De Zwarte Haan







Breda









Technical specifications

For technical documentation such as datasheets, detail drawings, structural calculations, and installation manuals, please feel free to contact us without obligation. Our team is happy to guide you through the entire process: from advice and preparation to delivery, installation, and handover. If desired, we can also put you in touch with a certified partner or installation specialist.

Our Solar Carports feature a modular design, making them scalable, efficient to install, and suitable for various foundation methods. The galvanized steel base supports are included as standard and can be mounted directly onto both concrete foundations and screw piles. The main supporting structure is made of triple-laminated, optimized, and planed Douglas timber, ensuring maximum stability, dimensional accuracy, and a high-quality appearance.

The roof profiles are engineered in-house for optimal integration with solar panels and BIPV solutions. The profiles are available in any RAL colour of your choice, ensuring the system aligns aesthetically with its surroundings, the building, and your organisation's corporate identity.

Key benefits at a glance

- Modular design for scalable projects
- Galvanised steel base supports for concrete or screw pile foundations
- Triple-laminated and optimised Douglas timber
- In-house developed roof profiles
- Profiles available in any RAL colour
- Technical documentation and structural calculations available
- Support from consultation through to installation
- Produced in Friesland

Would you like to receive technical data or discuss a project? Please feel free to contact us. We are happy to think along with you, guide you through the process, and ensure you have all the information you need for a professional, safe, and efficient execution.





Our Ambition

At SolarDok, we believe sustainable choices should not have to be complicated. Our Solar Carports provide not only shade and protection, but also clean energy, enabling you to live and do business in a way that is better for the world.

But our ambition goes beyond delivering smart carports. We also want to leave a positive footprint ourselves. That is why all our materials are responsibly produced, with careful attention to origin, lifespan, and environmental impact. From profile to fixing, we know exactly what it means for – and does to – our planet.

Our goal is clear: to drive the breakthrough of Solar Carports across Europe. We want to turn every parking area into a green energy hub places where cars are parked, but the sun is at work.

A solution with dual value: practical for you, and a catalyst for the energy transition for all of us.

With SolarDok, you are choosing more than just a carport. You are choosing energy with purpose, and a future that shines.

The Driving Forces

Experience and expertise are the most important qualities of our team. They've worked together for years and know how to create and deliver this beautiful product.



Theo de Vries

technical development, production and engineering

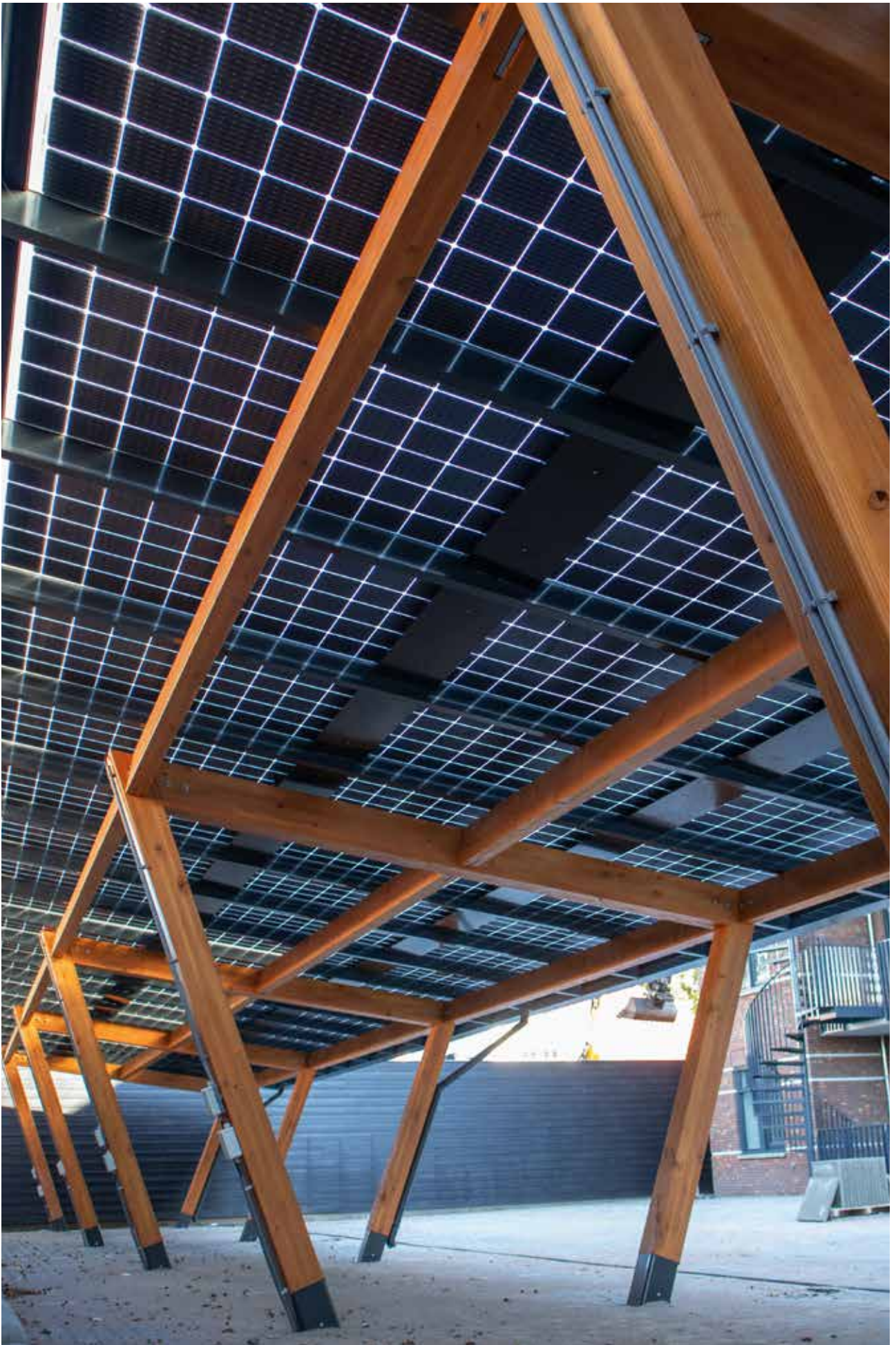
Mail: theo@solardok.nl

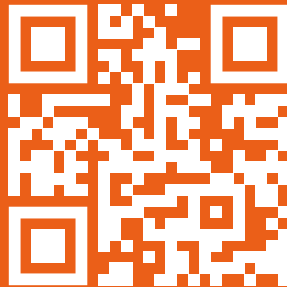


Sander Wolf

sales strategy, market positioning and commerce

Mail: sander@solardok.nl
Tel: +31 (6) 27 040 175





SolarDok
Beurtvaart 17
9101 RB Dokkum

+31 519 23 50 36
contact@solardok.nl
www.solardok.nl

Energy from every parking