

PRESS RELEASE

January 13th, 2025

Innovative and Award-Winning Solar Green Roofs by Sempergreen and Over Easy Solar

The Sempergreen Group is proud to announce its partnership with Over Easy Solar. The Norwegian company's dual-sided vertical PV panels are specifically designed for sustainable and highly cost-efficient integration with green roofs. These Sempergreen lightweight solar green roofs were showcased at the Solar Solutions Amsterdam and Düsseldorf trade fairs, where they won second and third place in the Best Innovation Awards, respectively. At the latter, it was also the most scanned product. Thanks to this European distribution partnership, Over Easy's vertical PV panels for green roofs are now available across Europe.

Lightweight Solar Green Roof with a Reduced Carbon Footprint

Over Easy Solar's innovative vertical PV units are lightweight and efficient, making them the perfect complement to green roof systems. Weighing just 11 kg/m², the VPV units require no ballast or mechanical fastening, enabling quick and easy installation—up to ten times faster than traditional solar systems—without the need for tools. This lightweight design results in a complete solar green roof system with a saturated total weight of only 51 kg/m², making it the lightest solar green roof system on the market. This innovative solution is ideal for both new constructions and retrofit projects.

The Synergistic Benefits of Green and Solar

The vertical PV panels enable a harmonious relationship between plants and solar modules. The plants reflect sunlight onto the solar panels (the albedo effect) and provide rooftop cooling, significantly boosting the energy production of the PV solution. Meanwhile, the green roof benefits from partial shading by the panels, which still allow ample light and rainwater, and remain easy to maintain.

Trygve Mongstad, Founder and CEO of Over Easy Solar, stated: "Our solution is specifically designed to work in harmony with plants. This partnership with Sempergreen will contribute to a more sustainable future by maximizing the potential of urban rooftops. Together, Over Easy Solar and Sempergreen deliver the building blocks for future-proof, dual-sustainable roofs suitable for both existing and new buildings."

Vertical Bifacial Panels Deliver High Energy Value

Over Easy Solar's vertical bifacial solar modules capture light on both sides, resulting in high energy yields throughout the day. Their vertical orientation and dual-sided design also provide a more balanced energy distribution, reducing the risk of grid overload while delivering energy during peak price periods. This unique energy production profile—with two peak production cycles per day, more productive hours, and excellent performance in winter conditions—sets the Over Easy Solar system apart from conventional solar systems, offering an exceptionally high monetary return per watt-peak.

Kai van Gool, Business Development Manager at Sempergreen, remarked: "Green roofs and solar roofs no longer need to compete. It's now easier than ever to create fully sustainable rooftops with both solutions. This not only contributes to a greener living environment and increased biodiversity but also enhances property value. We are thrilled that Sempergreen, as a distribution partner, can offer a fantastic lightweight solution for both new solar green roofs and retrofitting projects on existing Sedum roofs."

Want to learn more about these products?

Visit Sempergreen and Over Easy Solar at the **BAU trade fair in Munich** to see various green roof systems, the SemperGreenwall and the Over Easy Solar green roof live. You will find us in **hall A3 at stand 339**.

On **4 March**, we will also be organizing a **webinar** where we will inform you about everything you need to know about solar green roofs with Over Easy Solar. Registration will be possible shortly at www.sempergreen.com.

-End of press release-



Note to Editors

About Sempergreen and Over Easy Solar

The Sempergreen Group, headquartered in the Netherlands, is a global leader in producing and supplying innovative, high-quality solutions for green roofs, living walls, and direct green ground cover systems. Guided by the motto "Replanting the Planet," Sempergreen is committed to creating a greener and more livable world for current and future generations.

Over Easy Solar is a Norwegian startup specializing in the development and production of vertical bifacial solar modules for green and flat roofs. Dedicated to sustainability and innovation, Over Easy Solar aims to make solar installations for green roofs accessible and efficient.

For more information about Sempergreen, please visit:
Tosse Bontje, Business Developer at Sempergreen:
Claudia Tomsits, Regio Marketeer DACH at Sempergreen:

www.sempergreen.com
tosse.bontje@sempergreen.com
claudia.tomsits@sempergreen.com

For more information about Over Easy Solar, please visit
Trygve Mongstad, CEO at Over Easy Solar:
Klaus Pichler, Business Developer at Over Easy Solar:

www.overeasy.no
trygve@overeasy.no
klaus@overeasy.no