

# Press Kit

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## Contents

1. Company description and chronicle
2. Facts and figures
3. GOLDBECK SOLAR ranks among the TOP 100
4. Successful inauguration of two pioneering solar parks in Chile: Paillihue and Laja
5. GOLDBECK SOLAR builds first Agri-PV innovation park for research, education and citizen participation
6. Solarnet Investment renamed GOLDBECK SOLAR Investment
7. GOLDBECK SOLAR Awarded EcoVadis Silver Medal, Demonstrating Commitment to Sustainability
8. Sunrock and GOLDBECK SOLAR Unveil Maasvlakte: One of Europe's Largest Solar Roof Installations

## 1. GOLDBECK SOLAR – Solar projects at their best!

GOLDBECK SOLAR is an international company specializing in the turnkey construction of industrial, commercial, and large photovoltaic systems. The range of services covers the entire value chain from project development, construction, operation, and maintenance of the plant to selective project financing.

The team of engineers specialized in photovoltaics has more than 20 years of experience in the construction of solar power plants with optimal yields and maintain an excellent reputation in the market for the professionalism of its products and services. GOLDBECK SOLAR has already received several awards for its technical quality.

Striving for a better balance between technology, nature and man is the vision of the company led by Joachim Goldbeck. Thus, the development of GOLDBECK SOLAR since its foundation has been sustainable. Another aspect that distinguishes the global player in the photovoltaic industry is its enormous financial strength. By building technologically and economically optimized solar power plants, customers are supported in achieving a CO<sub>2</sub>-neutral balance. In addition, various innovative options are offered for the purchase of energy for self-consumption.

The company maintains a continuous process for the development of innovation and digitalization. Therefore, new products and tools are developed to offer customers the best solar solutions. GOLDBECK SOLAR also plays a pivotal role in driving the shift towards sustainable multi-purpose PV solutions. Collaborating with esteemed research institutes like Fraunhofer ITWN, the company continuously improves products and develops analysis systems. The installation of PV modules, whether close to the ground or elevated, involves customized solutions. Dynamic tracker systems in Agri-PV applications are highlighted for their flexibility and potential combinations, optimizing sunlight for optimal power generation. GOLDBECK SOLAR's experts provide comprehensive support throughout the project, from development and engineering to procurement and implementation, ensuring efficient use of space between rows of PV modules.

Its sustainable nature as well as its high degree of innovation and a number of international references distinguish GOLDBECK SOLAR and make it the most valuable solar company in Europe.

2001	Joachim Goldbeck founds the companies GOLDBECK SOLAR and SOLARNET
2007	Start of internationalization in Europe
2008	Entry into the Spanish market
2009	Expansion of the product range to include photovoltaic systems for parking garages, facades, and landfills.
2010	Entry into the Czech and Slovakian market
2011	Expansion on the British market

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| 2014 | Award for the best large-scale PV installation in GB with the "Lackford" project.<br>Intersolar Award for Technical Excellence for the Marienheide School and Sports Center in North Rhine-Westphalia   |
| 2015 | Joachim Goldbeck is elected BSW President<br>Acquisition of SOVENTIX O&M and Gehrlicher O&M. In Great Britain, our first 50 MW plant is connected to the high-voltage grid.   |
| 2016 | Internationalization to Latin America and Asia with Solarnet  |
| 2017 | Opening of the branch office in Mexico City and market entry in Chile and Thailand<br>Intersolar Award 2017 for Hellsiek landfill cover   |
| 2018 | GOLDBECK SOLAR and SOLARNET merge to form the new internationally positioned.<br>GOLDBECK SOLAR Construction of the largest solar plant in Central Asia SES Saran 100 MWp   |
| 2019 | GOLDBECK SOLAR builds the largest solar plant in the Netherlands with 103 MWP<br>Consolidates its position in this mega sector.<br>The 1 GW mark is reached.  |
| 2020 | Akadyr Extension in KZ with 26 MWp, Solarpark Zietliz in Germany (80MWp), and in the NL a cumulative capacity of 270 MWp.<br>Reaching the 1 GW mark for O&M service contracts.<br>Joint venture with Chint Solar and foundation of the new ZONNEPARK Services Netherlands B.V.  |
| 2021 | Participation in PMT (Premium Mounting Technology)<br>GOLDBECK SOLAR celebrates 20th anniversary.<br>Construction of the largest project in East Central Europe Zwartowo with 289 MWp<br>Sale of the Kazakhstan portfolios  |
| 2022 | GOLDBECK SOLAR acquires GP Joule North America. GOLDBECK SOLAR and the GP JOULE Group announce that GOLDBECK SOLAR has acquired the PV-EPC business unit of GP JOULE in North America. With this acquisition, GOLDBECK SOLAR strengthens its position in the North America, with existing operations in Chile and Mexico. |
| 2023 | Embarking on Ecovadis certification marks our commitment to actively implementing sustainability initiatives<br>Renaming of Solarnet investment to GOLDBECK SOLAR Investment  |
| 2024 | The GOLDBECK SOLAR Group has received the TOP 100 seal 2024 as part of the Joachim Goldbeck Holding. The award honors particularly innovative mid-sized companies.  |

2. Facts and figures

23 years	20 countries	> 1.5 GWp
Experience since 2001	Realised projects	Portfolio O&M
> 2.5 GWp	13	550
Installed capacity	Active Markets	Employees

### 3. GOLDBECK SOLAR ranks among the TOP 100

The GOLDBECK SOLAR Group from Hirschberg has received the TOP 100 seal 2024 as part of the Joachim Goldbeck Holding. This award is only given to particularly innovative medium-sized companies. Science journalist Ranga Yogeshwar will personally congratulate GOLDBECK SOLAR on this success at the award ceremony on June 28 in Weimar. Yogeshwar has accompanied the TOP 100 innovation competition as a mentor for twelve years.

On behalf of compamedia, the organizer of the competition, innovation researcher Prof. Dr. Nikolaus Franke from the Vienna University of Economics and Business and his team examined the innovative strength of all participants on the basis of more than 100 criteria from five categories: Innovation-promoting top management, innovation climate, innovative processes and organization, external orientation/open innovation and innovation success. “Are the companies able to create new products, new services, new processes and business models? And are these achievements just coincidences or the result of a structured and targeted approach? These are the questions we examine at TOP 100,” says Nikolaus Franke, explaining his approach to the review. It is also important how and whether innovations and product improvements have been able to establish themselves on the market.

**GOLDBECK SOLAR Group receives award for its innovative strength**

As part of the Joachim Goldbeck Holding, GOLDBECK SOLAR has prevailed in the scientific selection process and is one of the top innovators for the first time. The GOLDBECK SOLAR Group specializes in the turnkey construction of large photovoltaic power plants for open spaces or industrial and commercial roofs. The range of services covers the entire value chain from project development and financing to the construction and integration of storage technologies, the technical operation and asset management of the plants and the direct sale of clean energy. GOLDBECK SOLAR focuses on innovation: in 2023, the company launched a new innovation department, which represents a significant milestone in its long-standing corporate strategy.

Through its innovations, GOLDBECK SOLAR is significantly driving the transition to a sustainable energy market. Together with renowned research institutes such as the Fraunhofer ITWN, the company is working to continuously improve products, develop new analysis systems for its customers and participate in research projects. Examples of this include the Solarplanner, a holistic optimization tool that combines the entire engineering process in a single software package, and the Modular Arc System (MARCS), which, unlike conventional solar systems, has an arc-shaped design and is therefore ideal for use in Agri-PV systems.

Joachim Goldbeck, Managing Director of the GOLDBECK SOLAR Group, explains: “Innovation has always been a central pillar of our success and we are delighted to continue this tradition. We firmly believe that true innovation requires more than just good ideas. Therefore, we rely on a methodical approach in which ideas are intensively tested for their relevance and for the needs of our customers and the market. This holistic approach enables us to successfully turn innovative concepts into products and services that not only support our growth trajectory, but also create added value for our

customers.”

#### Innovation award for medium-sized companies

To ensure equal opportunities, the TOP 100 seal is awarded in three size categories: up to 50, 51 to 200 and more than 200 employees. In the 31st edition of the innovation competition, 388 SMEs applied for the award. 287 were successful and have carried the TOP 100 seal since February 1, 2024. 100 companies can be awarded per size category.

## 4. Successful inauguration of two pioneering solar parks in Chile: Paillihue and Laja

GOLDBECK SOLAR inaugurates its first two solar parks in Chile. The inauguration of the Paillihue and Laja plants took place on December 6, 2023 and was attended by prominent representatives of the region and companies from the energy sector.

With an installed capacity of 12.09 MWp, the Paillihue solar farm marks an important milestone in GOLDBECK SOLAR's commitment to enable renewable energy generation in Chile. The solar plant features 22,176 bifacial panels and two central inverters, enabling the efficient production of 23.3 GWh/year of clean energy. This sustainable energy supply is expected to supply around 10,000 households, while saving around 9,000 tons of CO2 emissions per year.

On the other hand, the Laja solar park, also located in the same province of Biobío, has an installed capacity of 11.67 MWp and contributes significantly to the supply of clean energy. Laja integrates 21,616 bifacial panels, which guarantee an efficient production of 21.2 GWh/year of renewable energy. Like Paillihue, it is expected to supply about 9,500 households, while saving about 8,500 tons of CO2 emissions per year.

Chile focused on renewable energies

"Solar energy plays a major role in power generation around the world. That is why we focus on large-scale projects and offer support from the initial project idea to the operation of the systems. In doing so, we take into account the needs of local residents and seek to maintain harmony with nature, the environment and biodiversity," explains Miguel Velasco, Area Director Ibero-America." With the inauguration of the Paillihue and Laja solar parks, GOLDBECK SOLAR not only sets technological standards, but also demonstrates its commitment to the sustainable development of Chile.

Pedro Aravena, Project Manager of Iberoamerica's Construction Area: "The completion of these first two solar parks Paillihue and Laja is a demonstration of two things, first, renewables are not the future but the present of any energy system that has sustainability as a priority and second, we have proven to the communities our commitment to quality and mutual support".





F.l.t.r.: Juan Carlos Thiemann; Pedro Aravena, Project Manager Iberoamérica GOLDBECK SOLAR, Oriana Offerman Concejal Presidente de la Comisión de Medio Ambiente de Los Ángeles, Oscar Reicher, SEREMI de Medio Ambiente Región del Biobío, Miguel Velasco, Director Iberoamerica GOLDBECK SOLAR, Daniela Espinoza, SEREMI Energía Región del Biobío, Raúl Fuentes, Alcalde subrogante de Los Ángeles, en representación del Alcalde, Sr. Esteban Krause



Solar parc Paillihue in Chile



## 5. Sonnenweg: GOLDBECK SOLAR builds first Agri-PV innovation park for research, education and citizen participation

GOLDBECK SOLAR has entered into a pioneering partnership with EG Hohe Waid and AVR Energie to jointly realize the “Sonnenweg Hirschberg”. This project provides for the development, realization and operation of multi-purpose photovoltaic systems on over 10 hectares in Hirschberg a.d. Bergstrasse. The “Sonnenweg” is to include various open space solutions that will be used simultaneously for agriculture and to promote biodiversity. The variety ranges from a ground-level Agri-PV system to a high-mounted agri-PV system and a biodiversity solution.

The Sonnenweg Innovation Park will have a total system size of around 5MWp, enabling the efficient production of 5.6 GWh/year of clean energy. This sustainable energy supply will cater to approximately 1,700 households annually, simultaneously reducing CO2 emissions by around 2,200 tons per year. The PV system will be sold via a direct marketer in compliance with the Renewable Energy Sources Act and the generated energy will be fed into the public grid, aligning with the concept of promoting secure citizen participation.

### First innovation park for research, education and citizen participation

The Sonnenweg aims to generate electricity from renewable energies using existing areas in harmony with nature conservation and agriculture. The project seeks to demonstrate various possibilities, such as dedicating around 2 hectares of the total area as a reference zone without PV systems. This approach enables the comparison of agricultural areas and the application of the knowledge gained to develop new Agri-PV projects.

As an educational trail, the Sonnenweg serves to provide information about various multi-purpose PV concepts. It will be open to the public and provide a platform for sustainable education. Citizens, school classes, employees and interested parties will be able to visit the facility and find out more with the help of the information boards.

“The Sonnenweg is more than just a multi-purpose photovoltaic system – it is the result of an innovative, valuable and constructive partnership between GOLDBECK SOLAR, EG Hohe Waid and AVR Energie,” explain Max Huber and Patricia Gese, project developers at GOLDBECK SOLAR.

“This innovation park is to become a showcase for sustainable energy generation, but also a symbol of our community’s commitment to civic participation, education, nature conservation and environmental protection. In this way, we not only want to generate clean energy, but also shape a more sustainable future together.

### Unique partnership for local development

The project involves collaboration with regional partners, each contributing their expertise. Notably, GOLDBECK SOLAR plays a significant role in developing the multi-purpose PV solutions. The Hohe Waid energy cooperative facilitates citizen participation for smaller investments, and AVR Energie, acting as a municipal partner, invests to ensure the smooth functioning of the solar path infrastructure.

The solar path primarily spans a 200-meter strip along the A5 motorway, situated in close proximity to GOLDBECK SOLAR's headquarters. Construction is anticipated to commence by the end of 2024, with the inauguration of the innovation park scheduled for 2025.



GOLDBECK SOLAR: Solar parc Nickelsdorf

## 6. GOLDBECK SOLAR Group drives forward strategic realignment: Solarnet Investment renamed GOLDBECK SOLAR Investment

More The GOLDBECK SOLAR Group is taking a significant step in its strategic development and strengthening its position as a comprehensive service provider for the photovoltaic industry. The company, which is already known for the construction, operation, and maintenance of industrial, commercial and large-scale photovoltaic systems, has now announced a targeted focus on project development, financing and investor relations.

As part of this strategic realignment, the GOLDBECK SOLAR Group announces that its investment arm, previously known as Solarnet Investment, will now be rebranded as GOLDBECK SOLAR Investment. The renaming underlines the integration of this business unit into the GOLDBECK SOLAR Group and creates a clear identity for the comprehensive offering in the photovoltaic industry.

Investment arm responsible for project development and financing

GOLDBECK SOLAR Investment offers comprehensive services in the areas of project development, acquisition/sale, structuring, financing, and asset management from the owner's perspective.

Founded in 2018, the company currently operates in twelve countries and has a project development portfolio of over 4 GWp and a project portfolio of completed assets of over 500 MWp.

“By renaming Solarnet Investment to GOLDBECK SOLAR Investment, we are sending a clear message about our strategic direction and our ambition to offer a comprehensive service for our customers. With our comprehensive offering, we can serve the financial, technical, and operational needs of our customers,” explains Joachim Goldbeck, CEO of the GOLDBECK SOLAR Group. “This change reflects our growing role as a point of contact for project developers, financiers and investors and underlines our expertise along the entire value chain of photovoltaic projects.”

## 7. GOLDBECK SOLAR Awarded EcoVadis Silver Medal, Demonstrating Commitment to Sustainability

EcoVadis assesses companies based on 21 sustainability criteria across four core themes: Environmental, Labor & Human Rights, Ethics, and Sustainable Procurement. The Silver Medal signifies an overall score ranging from 59 to 69, validating GOLDBECK SOLAR's robust dedication to sustainability in these critical domains.

### Ongoing commitment

Receiving the Silver Medal marks a significant milestone for GOLDBECK SOLAR, showcasing its continued commitment to sustainability and responsible corporate citizenship. The recognition affirms the company's vision of being an industry leader and setting a positive example for others to follow.

"We are pleased to receive the EcoVadis Silver Medal, which validates our tireless efforts to promote sustainability inside and outside our company," said Joachim Goldbeck, CEO of the GOLDBECK SOLAR Group. "This award underscores our promise to have a significant impact on the environment and society while maintaining high ethical standards in all our business operations."

### Milestones of the sustainability strategy

While the silver medal is an important symbol of achievement, GOLDBECK SOLAR sees it as the first step in its broader sustainability strategy. The company is proactively driving its sustainability initiatives to improve the impact of its operations in all areas. This initiative is in line with the sustainability goals set for 2024 and beyond.

GOLDBECK SOLAR plans to use this certification to transparently communicate its sustainability efforts to customers, partners and stakeholders. The company will continue to provide regular information on its sustainability strategy and progress in the form of sustainability reports, thus demonstrating its commitment to environmental protection and social responsibility.

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## 8. Sunrock and GOLDBECK SOLAR Unveil Maasvlakte: One of Europe's Largest Solar Roof Installations

The solar developer Sunrock inaugurates the Maasvlakte Solar Project, a remarkable achievement in the renewable energy sector. The project, spanning an impressive 120,000 square meters on the PATRIZIA logistics site in the Rotterdam harbor area, boasts a capacity of 25 MWp, making it one of the largest solar roof installations in Europe.

The momentous occasion marks a significant step towards a greener future, as the clean energy generated by the 120,000 square meter photovoltaic system will power approximately 8,000 households.

“The size of the Maasvlakte Solar Project, coupled with its unique location, makes it an exciting endeavor for GOLDBECK SOLAR,” stated Michiel Vanhoutte, COO of GOLDBECK SOLAR. “Situated on the edge of the sea, Maasvlakte presents a highly exposed site with strong winds, which made the installation process complex and demanding.” To minimize disruptions to the ongoing operations of the Smartlog logistics center, the engineering teams meticulously planned the construction and installation processes, ensuring the project adhered to strict timelines while minimizing any inconvenience for tenants. With over 20 years of experience, GOLDBECK SOLAR once again demonstrates its position as a gateway to solar energy through this remarkable undertaking.

Saving up to 15,000 tons CO2 a year

Contributing to the Netherlands' commitment to the EU's Green Deal, the Maasvlakte Solar Project is expected to save up to 14,845 tons of CO2 annually. This achievement solidifies its role as a catalyst in the nation's journey towards achieving net climate neutrality by 2050. Furthermore, the project accounts for nearly half of PATRIZIA's total solar power capacity within its logistics real estate portfolio, reinforcing the company's sustainability goals.

Given the limited available land in the Netherlands for photovoltaic projects, rooftop solar installations are critical for the country's energy transition. “As we rapidly expand into Europe, Sunrock collaborates with our real estate partners to develop on-roof solar projects,” explained Johannes Duijzer, CEO of Sunrock. “Leveraging our expertise from the Dutch market, we are gaining traction in Germany, France, Belgium, and the United Kingdom. Solar energy is the most cost-effective and reliable energy source that propels the transition towards a cleaner and sustainable future.”

The successful integration of the Maasvlakte solar project represents a significant milestone in GOLDBECK SOLAR's commitment to its Dutch customers and demonstrates GOLDBECK SOLAR's continued commitment to the successful implementation of renewable energy initiatives in the region.



GOLDBECK SOLAR Maasvlakte Solar roof installation