Press Kit

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Content

GOLDBECK SOLAR – Mastering Energy!

GOLDBECK SOLAR is an internationally active provider of turnkey photovoltaic solutions for commercial, industrial, and large-scale applications. The company covers the entire value chain—from project development and financing, through planning, construction, and integration of energy storage solutions, to the technical operation and asset management of the plants, as well as the sale of renewable energy.

For more than 25 years, GOLDBECK SOLAR has been implementing photovoltaic projects worldwide and possesses comprehensive expertise in the implementation of economically and technologically optimized energy systems. Customers benefit from a structured project approach, high implementation competence, and a clear focus on long-term performance and operational reliability.

As a system provider, GOLDBECK SOLAR continuously refines its solutions—particularly in the integration of photovoltaics, battery energy storage systems (BESS), and innovative applications such as agri-PV. The goal is to create integrated energy systems that enable efficiency, flexibility, and the sustainable use of land and infrastructure.

Innovation and continuous development are integral parts of the company's strategy. With new technological approaches—such as in the areas of automated construction processes and digital solutions—GOLDBECK SOLAR enhances the quality, safety, and scalability of its projects.

The company is led by Joachim Goldbeck and pursues the vision of developing solutions that harmonize climate, technology, and economic requirements. Sustainability is not merely a goal but the foundation of the company's operations. On this basis, GOLDBECK SOLAR supports its customers worldwide in the transition toward a sustainable and future-proof energy supply.

Chronicle

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.
	Entry into the Czech and Slovakian market
2010	Expansion on the British market
2011	
2014	Award for the best large-scale PV installation in GB with the "Lackford" project.
	Intersolar Award for Technical Excellence for the Marienheide School and Sports Center in North Rhine-Westphalia
	Joachim Goldbeck is elected BSW President
2015	Acquisition of SOVENTIX O&M and Gehrlicher O&M. In Great Britain, our first 50 MW plant is connected to the high-voltage grid.
	Internationalization to Latin America and Asia with Solarnet
2016	
	Opening of the branch office in Mexico City and market entry in Chile and Thailand

2017	Intersolar Award 2017 for Hellsiek landfill cover
2018	GOLDBECK SOLAR and SOLARNET merge to form the new internationally positioned. 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 Consolidates its position in this mega sector.
2020	The 1 GW mark is reached. Akadyr Extension in KZ with 26 MWp, Solarpark Zietliz in Germany (80MWp), and in the NL a cumulative capacity of 270 MWp. Reaching the 1 GW mark for O&M service contracts.
2021	Joint venture with Chint Solar and foundation of the new ZONNEPARK Services Netherlands B.V. Participation in PMT (Premium Mounting Technology) GOLDBECK SOLAR celebrates 20th anniversary. Construction of the largest project in East Central Europe Zwartowo with 289 MWp 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. Embarking on Ecovadis certification marks our commitment to actively implementing sustainability initiatives
2023	Renaming of Solarnet investment to GOLDBECK SOLAR Investment 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.
2024	Start of construction in Bartow: With a capacity of 260 MWp and a total area of over 205 hectares, this solar park will be the second largest in Germany to date.
2025	Receipt of the EcoVadis Silver Medal, confirming the company's commitment to sustainable and responsible business practices as well as continuous improvement in the ESG area. Introduction of centralized quality, environmental, and occupational safety standards through ISO certifications, thereby further professionalizing internal processes. Market entry in Spain and Italy and expansion of international business operations in key European solar markets.

2026 Entry into the balancing power market through the major Zwartowo project, thereby expanding expertise in the system integration of renewable energies.

Signing and groundbreaking ceremony for the Schafhöfen solar park: With a planned capacity of 268 MWp, this is GOLDBECK SOLAR's largest project to date in Germany.

Signing of the contract for the Sidłowo–Kikowo–Dobrowo solar park in Poland: With 722 MWp, one of the largest photovoltaic projects in Europe and also the country's first large-scale PV plant connected to the 400-kV high-voltage grid.

Facts and Figures

25 Years Anniversary Experience since 2001	**20 Countries** Realised Projects	**> 2.9 GWp** Portfolio O&M
5 GWp Installed capacity	**> 15** Active Markets	**> 560** Employees
300 MWh BESS + HV	**>450 MWh** BESS under construction in 2025	**450 MWp** Solar Assets Portfolio

Solar Energy with Vision and Responsibility

Intersolar 2026: GOLDBECK SOLAR Presents Innovations for the Next Phase of the Energy Transition

As an international provider of turnkey photovoltaic solutions for industry, commerce, and large-scale projects, GOLDBECK SOLAR will once again be exhibiting at Intersolar Europe in 2026. The world's leading trade fair for the solar industry offers the ideal platform to showcase current developments, technological innovations, and integrated energy concepts, and to engage in dialogue with partners and industry experts.

The year 2026 is a special one for GOLDBECK SOLAR: The company is celebrating 25 years of experience in the international solar market. This journey has been marked by continuous innovation, a growing international presence, and a clear commitment to thinking about and implementing sustainable energy solutions holistically.

The company's trade show presence will focus on key future topics for the industry:

- Automation and increased efficiency in plant construction, for example through the new *HeliomatiX* mounting system, which makes the construction of large-scale projects faster, safer, and more scalable,
- battery energy storage systems (BESS) as the key to integrating renewable energy,
- agri-PV concepts that intelligently combine energy generation with agricultural use,
- and cybersecurity as an increasingly important factor for stable and secure energy infrastructures.

A Holistic Approach to Sustainable Energy Supply

For GOLDBECK SOLAR, sustainable energy does not end with electricity generation. The company pursues a systemic approach that takes the entire value chain into account—from planning through construction and operation to integration into existing energy systems. The goal is to develop solutions that combine economic efficiency, technical innovation, and environmental responsibility.

More than photovoltaics: Thinking in terms of system solutions

GOLDBECK SOLAR sees itself as a system provider for modern energy infrastructure. Photovoltaics, storage solutions, and innovative applications such as agri-PV are specifically combined to create flexible, scalable, and future-proof energy systems. Customers benefit from a comprehensive range of services throughout the entire project lifecycle.

Shaping the energy transition together

With its trade show presence, GOLDBECK SOLAR invites visitors to an open exchange about the future of energy supply. At booth A3.480, visitors have the opportunity to learn about innovative solutions, discuss specific use cases, and gain insights into current projects and developments.

Zwartowo Solar Power Plant Enters Poland's Balancing Market in Joint Milestone for GOLDBECK SOLAR and Respect Energy

Hirschberg a. d. Bergstraße / Warsaw / Zwartowo (PL), 21 April 2026 –
The Zwartowo solar power plant has officially gone live in Poland's balancing market, becoming the first large-scale photovoltaic power plant in the country authorized to provide balancing services. The milestone was achieved through close cooperation between GOLDBECK SOLAR, responsible for the plant's development, construction and asset management, and Respect Energy, which will trade the asset on the market.

The qualification represents an important step forward for renewable energy integration in Poland. While balancing services are well established for conventional power plants and selected wind farms, large-scale solar assets have so far faced significant technical, regulatory and operational barriers preventing participation.

Highly demanding qualification for photovoltaic generation

Due to its installed capacity, the Zwartowo solar power plant is legally required to qualify for balancing services. For photovoltaic assets, however, the entry requirements are particularly stringent and go well beyond standard criteria for participation in electricity markets.

"The requirements are very harsh, especially for solar plants due to the intermittent nature of production and dependence on weather conditions," says Affan Ahsan, Head of Asset Management at GOLDBECK SOLAR. "Balancing markets were not designed with large-scale photovoltaics in mind. Qualification requires precise controllability, very high data quality, reliable forecasting, as well as robust operational and legal processes."

The qualification process took approximately 14 months and involved close coordination with grid operators,regulatory authorities and market participants. Its successful outcome reflects both strong technical foundations and a coordinated asset-management and trading strategy.

Market participation as a strategic value driver

Beyond regulatory compliance, active participation in the balancing market is increasingly becoming a strategic lever for improving renewable asset economics. Internal modelling indicates that solar PV assets can achieve up to 10 percent short-term revenue upside by actively bidding into ancillary service markets, with long-term gains stabilising at around 4 percent. In addition, balancing participation helps reduce curtailment risk, improve dispatch predictability, and strengthen resilience against market volatility.

"These services allow renewable assets to move beyond being passive price takers," Ahsan explains. "They protect downside risk, stabilise cash flows and enable solar plants to actively support system stability."

As of 21 April, Respect Energy, one of Poland's leading energy trading and direct marketing companies, is responsible for trading the Zwartowo system in the balancing market. The project builds on Respect Energy's extensive experience in managing renewable assets across multiple energy and ancillary service markets.

Strong cooperation between asset management and trading expertise

The collaboration between GOLDBECK SOLAR and Respect Energy was a critical success factor in navigating the complex regulatory framework and ensuring the technical and commercial readiness of

the plant. Respect Energy will leverage the experience gained in future projects focused on maximising the value of renewable assets, energy storage, and CHP plants.

“Completion of the PV Zwartowo balancing services qualification is an important milestone not only for Respect Energy, but for the entire market. It proves that renewable energy sources can actively support system flexibility and respond to market needs. We are developing a unique product that opens new opportunities for owners of renewable assets, energy storage facilities, and CHP plants seeking to maximise returns from their operations,” says Karol Wolański, Head of Flexibility and Aggregation at Respect Energy.

The project used a remote LFC node supplied by Emerson, with the estimation model developed in-house by Respect Energy. GOLDBECK SOLAR provided technical and commercial asset support, including Asset Management and O&M services, and was responsible for the plant’s EPC. Energopomiar handled the preparation and execution of the TSO-compliant test programme, as well as the final qualification report. Emerson’s control and communication solutions, drawing on extensive energy-sector experience, played a key role in the project.

The project demonstrates the growing maturity of renewable energy, showing that modern installations can meet stringent operator requirements and provide high-quality system services.

Proof point for EPC quality and future-ready assets

The qualification of Zwartowo also highlights the importance of high-quality EPC execution. Participation in balancing services requires power plants to meet the highest standards in controllability, availability, grid compliance and data reliability.

“Only well-designed and professionally managed assets can meet these requirements,” says Ahsan. “Zwartowo shows how EPC excellence and advanced asset management directly translate into higher margins and long-term value creation.”

By setting a first-of-its-kind benchmark for large-scale solar in Poland, GOLDBECK SOLAR and Respect Energy jointly contribute to the further integration of renewable energy into liberalised electricity markets and demonstrate the growing role of solar PV as an active system participant.

GOLDBECK SOLAR Polska signed the contract to build Europe's largest solar farm in Poland

Komorniki, 19.03.2026 – GOLDBECK SOLAR Polska, a leading EPC company, proudly announces the signing of a major contract to deliver the Sidłowo-Kikowo-Dobrowo PV Power Plants with power connection to the state grid, which will become the largest photovoltaic installation in Europe. This represents a tremendous milestone and a major success for the company, as it secures the full scope of works for this landmark project.

The Sidłowo-Kikowo-Dobrowo project, located in the West Pomeranian Voivodeship in Poland, will have an installed capacity of 722 MWp, surpassing all existing European solar farms. It will also be the first large-scale PV plant in Poland directly connected to the 400 kV high-voltage transmission network of Polskie Sieci Elektroenergetyczne (PSE).

The project consists of three large-scale photovoltaic power plants, associated high-voltage cable infrastructure, and a grid connection via the STR LKO 400/110 kV intermediate substation.

The photovoltaic installations include:

Sidłowo PV Plant – 290 MWp

Kikowo PV Plant – 235 MWp

Dobrowo PV Plant – 197 MWp

GOLDBECK SOLAR Polska has been awarded the full EPC scope for the entire project, covering the engineering, procurement, and construction of all three photovoltaic power plants, the associated HV/MV substations, the high-voltage cable routes, and the grid connection infrastructure including the STR LKO intermediate substation. Securing this comprehensive scope highlights the company's capability to deliver complex, utility-scale renewable energy projects from generation assets through to high-voltage grid integration.

As the general contractor, GOLDBECK SOLAR Polska will oversee all phases of the project, from engineering and procurement to construction and commissioning. The project represents a significant milestone in Poland's energy transition and supports the country's goal of expanding renewable energy in its electricity mix.

"This is an enormous achievement for GOLDBECK SOLAR Polska," says Steffen Emmerich, Managing Director of GOLDBECK SOLAR Polska. "Securing the full EPC scope for such a complex, large-scale project highlights our capabilities and positions us at the forefront of Europe's renewable energy sector. We are thrilled to bring our expertise to Sidłowo-Kikowo-Dobrowo project, delivering a project that sets new benchmarks in scale and impact."

The Sidłowo–Kikowo–Dobrowo solar farm is part of a broader strategic initiative by Optima Wind, Virya Energy and the European Bank for Reconstruction and Development (EBRD), who are launching Virya Renewables Poland - a new renewable energy platform with a project pipeline exceeding 2 GW in potential capacity across the country.


722 MWp
Sidłowo
Kikowo
Dobrowo

GOLDBECK SOLAR Polska appointed as EPC contractor for 8 MW / 16 MWh battery storage project in Poland

Komorniki, 16.03.2026 - GOLDBECK SOLAR signed a full EPC contract for the delivery of an 8 MW / 16 MWh Battery Energy Storage System (BESS) located in Przeworsk, near Rzeszów in southeastern Poland. The project has reached financial close and is scheduled to become operational early next year.

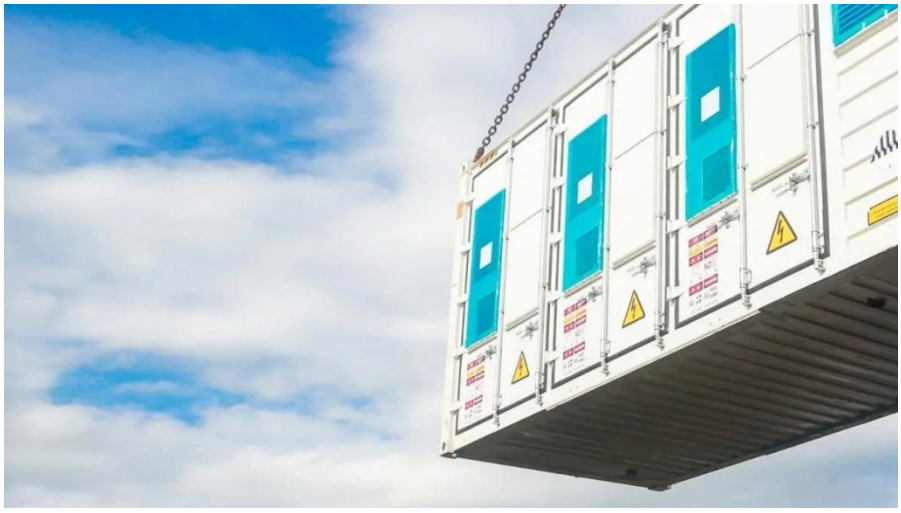
Under the full EPC contract, GOLDBECK SOLAR Polska will assume comprehensive responsibility for the design, procurement, construction, grid connection, system integration, testing, and commissioning of the facility. The installation will be developed as a standalone, grid-connected battery system and is expected to be among the first projects of its kind in Poland. Once operational, it will enhance grid stability, provide flexibility services, and support the continued integration of renewable energy sources into the national power system.

As part of the BESS project in Przeworsk, a medium-voltage cable connection will be built, 4 BESS battery containers with a combined capacity of 8 MW and total storage of 16 MWh installed, and 2 PCS units with transformers along with a dedicated auxiliary transformer station will be set up. The site will also feature internal roads, fencing, lighting, security systems, and noise protection for neighboring properties. Works are scheduled to start in Q2 2026, with completion and commissioning planned for the turn of Q1/Q2 2027.

The project will be executed for LC Energia, renewable energy company, Low Carbon's majority-owned Polish entity, established in partnership with local developer Evercon and leading energy trading house InCommodities. The investment represents an important step in the expansion of utility-scale energy storage infrastructure in the Polish market.

"Battery storage will play a key role in strengthening grid stability and supporting the continued growth of renewable energy in Poland. We are proud to support LC Energia in delivering one of the early standalone BESS projects in the Polish market and to contribute our EPC expertise to this important step in the country's energy transition" says Steffen Emmerich, Managing Director of GOLDBECK SOLAR Polska.

With growing demand for balancing services and increasing penetration of renewable energy, battery storage is becoming a critical component of Poland's energy transition. The Przeworsk BESS project demonstrates the accelerating deployment of advanced storage solutions and highlights the role of experienced EPC contractors in delivering reliable, bankable infrastructure assets.



GOLDBECK SOLAR Named Finalist for the 2026 smarter E Award with HeliomatiX

Hirschberg an der Bergstraße, May 11, 2026 – GOLDBECK SOLAR has been nominated as a finalist for the smarter E Award in the Photovoltaics category with its innovative solution HeliomatiX. The award is one of the most prestigious innovation prizes in the international solar industry and will be presented as part of The smarter E Europe. The winners will be announced on June 22, 2026.

With HeliomatiX, GOLDBECK SOLAR addresses key challenges in the construction of utility-scale photovoltaic plants. The solution aims to replace installation processes that have traditionally been highly manual with an automated and industrial approach. HeliomatiX combines various system components into a seamless, coordinated installation workflow.

At the heart of the concept is the centralized and automated pre-assembly of module units, consisting of solar modules and module carriers. These prefabricated units are transported to the respective installation rows using autonomous vehicles and assembled there with precision by robots. The industrialized approach ensures consistently high installation quality and reduces both the need for on-site labor and dependence on weather-related factors.

HeliomatiX is particularly aimed at large solar park projects, where increasing module sizes, the growing shortage of skilled workers, and changing weather conditions are posing ever greater challenges to traditional construction processes. Through the standardization and automation of individual process steps, the construction of large-scale photovoltaic plants becomes more efficient, safer, and more scalable.

“Being nominated as a finalist for the Intersolar Award is an important validation of our innovative approach,” says Ralf Steinheiser, Head of Innovation & Technology. “It demonstrates that industrial and automated solutions will play a central role in the expansion of solar energy in the future.”

The finalists for the Intersolar Award were selected by an independent panel of experts. Whether HeliomatiX is named the winner will be decided at the official awards ceremony on June 22, 2026, as part of The smarter E Europe.

About HeliomatiX

HeliomatiX is an innovative solution from GOLDBECK SOLAR for the automated installation of utility-scale photovoltaic systems. The system combines pre-assembly, autonomous transport logistics, and robotic assembly into a single integrated process and relies on reproducible, industrial workflows in solar park construction. More info here: https://goldbecksolar.com/en/innovations-for-the-energy-market/heliomatix/

GOLDBECK SOLAR publishes second ESG Report and continues to strengthen its sustainability strategy

Hirschberg an der Bergstraße, 16th April 2026 – With today's publication of the ESG Report 2025, GOLDBECK SOLAR presents its second voluntary sustainability report, demonstrating how the company is further expanding its environmental, social, and governance commitments in a challenging market environment. Despite evolving regulatory frameworks, the family-owned company reaffirms its clear commitment to transparent, measurable, and ambitious ESG goals.

Responsibility as a guiding principle – today and for future generations
"Sustainability is not only a responsibility – it is the foundation of long-term success," emphasizes Joachim Goldbeck, CEO of GOLDBECK SOLAR. "The dynamic development of the regulatory landscape creates uncertainty for many companies, but for us, one thing is clear: we are staying firmly on course. Our aim is to create sustainable value – through responsibility, transparency, and innovation."

For 25 years, GOLDBECK SOLAR has been driving the international expansion of photovoltaics and has continued to strengthen the strategic integration of sustainability principles across all areas of the business. The current report is based on the Voluntary Sustainability Reporting Standard for SMEs (VSME), which enables clear, comparable, and practical transparency specifically for medium-sized companies.

Key developments from the ESG Report 2025

The second ESG Report shows clear progress across all three dimensions of sustainability:

Environment:
GOLDBECK SOLAR has increased transparency and data quality across the entire value chain. Significant progress has been made in energy efficiency, emissions management, recycling rates, as well as circular economy initiatives.

Social:
With a growing international team, expanded training opportunities, and improved safety indicators, the company continues to invest in employee development, diversity, and occupational safety.

Governance:
Robust compliance structures, successful LkSG certifications, strong IT security indicators, and established risk management processes further strengthen GOLDBECK SOLAR's responsible corporate governance.

Looking ahead

With its second ESG Report, GOLDBECK SOLAR reaffirms its long-term responsibility across the entire value chain – from engineering and procurement to the construction and operation of PV plants, as well as local communities and global supply chains.

"We do not view ESG as a reporting obligation, but as an integral part of who we are as a company," says Goldbeck. "Going forward, we will continue to drive sustainable innovation, actively manage risks, and further expand our contribution to the global energy transition."

Note:
Detailed metrics, analyses, and measures can be found in the full ESG Report 2025:
https://goldbecksolar.com/wp-content/uploads/2026/04/ESG-Report-2025.pdf


goldbeck
solar
ESG Report
2025
Mastering Energy

Blue Elephant Energy (BEE) is launching one of Germany's largest ground-mounted photovoltaic projects in partnership with GOLDBECK SOLAR

Mötzing/Schafhöfen, May 21, 2026 – With the official groundbreaking ceremony, BEE and GOLDBECK SOLAR have kicked off construction of the Schafhöfen solar park. The large-scale project is being developed in the Schafhöfen district of the municipality of Mötzing in the Regensburg district and, with a planned capacity of around 268 megawatts peak, ranks among the largest ground-mounted photovoltaic projects in Germany. With construction now underway, the Schafhöfen solar park has moved from the planning phase to the implementation phase.

The event was attended by representatives from the political sphere, the financing bank Commerzbank, Deutsche Bahn as the main off-taker of the generated electricity, and the contractors. Project partners include GOLDBECK SOLAR, responsible for constructing the solar park, and Bayernwerk, which has been commissioned to build the substation and handle the grid connection.

Felix Goedhart, founder and CEO of Blue Elephant Energy:

"The Schafhöfen solar park marks a milestone in our company's development. BEE brought the solar park to construction readiness in a record time of three years. We would like to extend our special thanks to the municipality and local authorities, who have consistently supported the development in a pragmatic and goal-oriented manner. When all partners are committed to success, speed is possible in Germany."

Dr. Nick Seeger, Managing Director of Bayernwerk Netz:

"We are very pleased to be part of this project, which, with its size and feed-in capacity, serves as a true beacon for the region. At the same time, it is also of particular importance to us, as the construction of a substation of this scale allows us to make a key contribution to the integration of renewable energies. The fact that we are implementing this project together with our customer and strong partners such as Blue Elephant Energy, Goldbeck Solar, the municipality, and the landowners underscores the importance of trusting cooperation for the success of the energy transition."

Joachim Goldbeck, CEO of GOLDBECK SOLAR:

"The groundbreaking ceremony for the Schafhöfen solar park marks an important milestone for us. With our largest project in Germany to date, we are making a significant contribution to European energy resilience: highly efficient domestic energy generation at the highest safety standards."

The solar park is scheduled to go online in September 2027. Once completed, the plant will generate approximately 296,000 megawatt-hours of climate-friendly electricity annually. This will be enough to power about 147,000 households or, as in this case, to power Deutsche Bahn's ICE trains, saving approximately 200,000 tons of CO_2 annually.

The Schafhöfen solar park supports BEE's ESG and climate goals while also making a significant contribution to the energy transition. The on-site implementation will provide important economic stimulus for the region, both during the construction phase and through the long-term operation of the plant.

With the groundbreaking ceremony now complete, construction of the project is set to begin. Leading up to the planned commissioning in September 2027, the PV modules, technical infrastructure, and grid connection will be installed in phases.

About Bayernwerk Netz GmbH:

For 100 years, Bayernwerk Netz GmbH has ensured a secure energy supply in Bavaria. As the largest regional distribution network operator, the company operates a modern electricity, gas, and street lighting

network and is driving the expansion of renewable energies as well as the digitalization of the networks. Approximately seven million people are supplied via a 156,000-kilometer-long electricity grid and a 6,000-kilometer-long gas network. Already, 96 percent of the distributed electrical energy comes from renewable sources on a net basis. The company is headquartered in Regensburg; Bayernwerk Netz GmbH is a subsidiary of Bayernwerk AG. Further information at: https://www.bayernwerk-netz.de/de/

About Blue Elephant Energy GmbH:

Blue Elephant Energy develops, acquires, and operates solar and onshore wind farms as well as battery storage solutions with a focus on the European market. Since its founding in 2016, BEE has established itself as a leading independent power producer (IPP) and has a portfolio of 2.11 GW, which will be expanded to over 9.5 GW in the coming years. With an extensive, cross-technology project pipeline and in-depth experience across the entire value chain, BEE is consistently driving its dynamic growth forward. For more information, visit: https://blueelephantenergy.com