Techbau

Green Energy

TECHBAU GREEN ENERGY

Techbau Green Energy builds on Techbau’s experience and expertise and operates in the renewable energy sector.

TBGE oversees the entire project lifecycle, from the initial assessment of opportunities through to development and commissioning, followed by asset management and the sale of the electricity generated.
The company supports its clients with an approach focused on long-term value and economic and environmental sustainability.

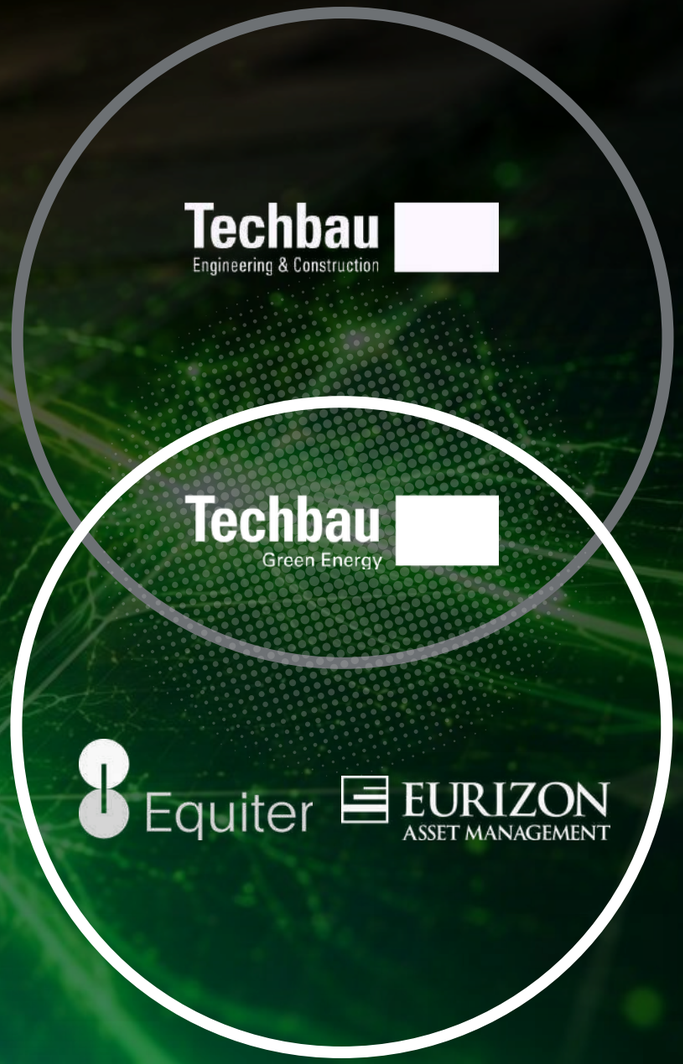
Specialising in renewable energy generation and sales, as well as strategic energy management for businesses and investors, **TBGE** develops and manages both rooftop and ground-mounted photovoltaic systems.
These activities are complemented by the management of **Power Purchase Agreements (PPAs)** relating to the electricity generated.

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SHAREHOLDERS

Techbau Green Energy S.p.A. draws on the experience and technical and operational expertise of **Techbau S.p.A.** and has been further strengthened by the participation of institutional investors: funds from the **Eurizon ECRA** Infrastrutture range of E**urizon Capital SGR S.p.A.**, managed by **Eurizon Capital Real Asset SGR S.p.A.**, and the **Equiter Infrastructure II** fund, managed by **Equiter SGR S.p.A.**

The company’s ownership structure brings together complementary technical, financial and operational expertise to support the development and management of renewable energy projects.



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THE ENTIRE ENERGY LIFECYCLE

Techbau Green Energy contributes to the development of the renewable energy sector in Italy.
The company specialises in the development, commissioning and management of photovoltaic systems**.**
Its business model encompasses the following key activities:

01

Sale of electricity and guarantees of origin (GOs) through various Power Purchase Agreement (PPA) structures, involving leading energy traders and major Italian companies.

02

Development of renewable energy projects, with a particular focus on photovoltaic technology.

03

Management of permitting processes and procedures in coordination with the relevant authorities.

04

Oversight of contract management with clients and partners.

05

Comprehensive in-house management of all activities related to connecting the plants to the National Transmission Grid (RTN), from the initial connection quotation request submitted to the grid operator through to obtaining the electricity generation licence.

06

Management of routine and extraordinary maintenance activities to ensure optimal plant performance.

07

Development of partnerships as a third-party energy producer within Renewable Energy Communities (RECs) in Italy.

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SERVICES

Permitting

TBGE entrusts Techbau with the entire permitting process required for the construction of the photovoltaic system, ensuring full compliance with applicable regulations.

HSE

With the support of Techbau, TBGE integrates health, occupational safety and environmental protection into its operations, ensuring compliance with applicable regulations and pursuing continuous improvement in performance through its Health, Safety and Environmental Management System.

Insurance

TBGE draws on Techbau's expertise in developing tailored insurance solutions designed to protect investments and mitigate risks associated with renewable energy systems.

Development

TBGE draws on Techbau's expertise to support clients throughout the entire process, from preliminary site identification and due diligence through to site acquisition, financial analysis and overall project management, leveraging collaboration across the company's internal departments.

Construction

Drawing on Techbau's expertise, TBGE develops photovoltaic projects, while Techbau is responsible for their design and construction, using advanced engineering solutions aimed at maximising efficiency and sustainability.

Quality

TBGE draws on Techbau's Quality Management System to improve the quality of its deliverables, promote innovation, reduce risks and optimise costs, maximising the client's return on investment.

PPA

TBGE develops and manages Power Purchase Agreements (PPAs) in collaboration with Techbau, aimed at optimising energy sales and promoting financial stability. The company develops projects and markets the electricity generated in partnership with Iren and EGO Energy.

Finance

Drawing on Techbau's financial expertise, TBGE structures tailored financing solutions to support investments in renewable energy and ensure their long-term financial viability.

Grid Connection

With the support of Techbau, TBGE manages the entire grid connection process, from the initial application through to obtaining the electricity generation licence and/or the relevant company identification code.

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INTEGRATED MANAGEMENT

01 Existing buildings

TBGE assesses the existing condition of the building to identify a photovoltaic solution compatible with its structural characteristics. Where necessary, the proposal includes targeted structural upgrades to ensure suitable conditions for installation.

The process continues with the installation of the photovoltaic system, energy supply and subsequent management, monitoring and maintenance activities.

In terms of certification and decarbonisation, the approach to existing buildings begins with a comprehensive assessment, with particular reference to the **BREEAM RFO** protocol and **CRREM** analysis.

The proposed measures focus on four main areas of improvement: the building envelope, centralised building systems, terminal units and interior space design.

02 New buildings

Photovoltaic System Installation: TBGE plans the installation of a photovoltaic system at the client's property. Depending on the contractual arrangement, either the photovoltaic system or the rooftop is leased to TBGE. The client receives a fixed payment for the entire operational lifespan of the system.

Contractual Arrangements: Photovoltaic system leasing and rooftop leasing, with TBGE financing the investment in the photovoltaic system.

Maintenance: TBGE oversees routine and extraordinary maintenance activities for the photovoltaic system, helping to maintain its efficiency over time.

Monitoring: TBGE monitors the energy performance parameters of the systems and provides periodic reports to the client-consumer, enabling the assessment of system efficiency and energy consumption.

03 Plant development & management

TBGE focuses its activities on projects that avoid the consumption of undeveloped land and promote the redevelopment of sites at risk of abandonment. In this context, the company manages environmental rehabilitation projects involving disused quarries and sites requiring remediation.

Design and Planning: TBGE assesses site characteristics and defines the photovoltaic system configuration to optimise energy generation while ensuring compliance with applicable regulations.

Permitting Processes: TBGE manages the permitting procedures required for the construction of the photovoltaic system and its connection to the electricity grid.

System Installation: This phase includes the installation of support structures, photovoltaic modules, inverters and monitoring systems.

Energy Generation: Once operational, the system generates electricity for grid export or self-consumption.

Maintenance and Optimisation: TBGE oversees routine and extraordinary maintenance activities for the photovoltaic system, with the aim of maintaining its efficiency and optimising energy generation over time.

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ESG

Environmental certifications that enhance value, efficiency and sustainability

Techbau Green Energy supports the achievement of internationally recognised environmental building certifications, such as **LEED** and **BREEAM**, as well as the adoption of energy management systems compliant with ISO 50001.

Drawing on the expertise of its LEED AP and BREEAM Assessor qualified professionals and Energy Managers, the company ensures compliance with rigorous sustainability standards, improving energy efficiency and environmental performance. Achieving environmental certification goes beyond reducing energy consumption and emissions. It also represents a strategic advantage, enhancing a property's attractiveness and overall value. A certified asset can generate greater interest in the sales and rental markets, responding to growing demand for sustainable solutions among investors and buyers.

Through a targeted approach, Techbau Green Energy integrates advanced assessment tools such as Life Cycle Assessment (LCA) and carbon footprint analysis, delivering tangible and lasting environmental and economic benefits.

BREEAM
CERTIFICATION

USGBC
MEMBER

LEED
CERTIFICATION

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QUALITY

We believe that a well-established quality management system is the foundation for continuously improving the quality of our deliverables.

Quality is part of our **DNA** and translates into tangible commitments:

01 Listening to the needs of clients and other stakeholders

02 Operating through lean and agile processes

03 Measuring our performance to drive continuous improvement and create value

Techbau Green Energy operates in accordance with the highest standards of quality, sustainability and safety, as demonstrated by the certifications it has obtained:

- **ISO 9001** - Ensures an effective Quality Management System focused on continuous improvement
- **ISO 14001** - Demonstrates our commitment to environmental management, aimed at minimising the impact of our activities
- **ISO 45001** - Demonstrates the adoption of rigorous occupational health and safety protocols
- **ISO 27001** - Information Security Management System

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HSE

Protecting health, ensuring workplace safety and safeguarding the environment are integral to Techbau Green Energy’s operations.

The company recognises the importance of these issues both in carrying out its activities and for the well-being of the wider community.

TBGE operates in compliance with applicable environmental and occupational health and safety regulations and pursues continuous improvement in its performance through dedicated programmes, effective controls, appropriate resource allocation and employee training.

To support this commitment, the company has established a health, safety and environmental management system that defines responsibilities, procedures, processes and resources within the organisation.

The health, safety and environmental management system is designed to ensure the implementation of the company’s prevention policy, in compliance with applicable health, safety and environmental regulations.

Through this system, Techbau Green Energy monitors its health, safety and environmental performance and pursues continuous improvement.

The management system is defined, documented, implemented and regularly updated to ensure its effectiveness, alignment with corporate objectives and compliance with ISO 45001 and ISO 14001 standards.

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TBGE’S ENERGY NETWORK

Techbau Green Energy manages a portfolio of photovoltaic systems across Italy, comprising both rooftop installations on logistics facilities and ground-mounted systems.

Energy performance

Techbau Green Energy manages operational photovoltaic systems with a total installed capacity of 43 MWp. In addition to this operational capacity, a further 61 MWp of photovoltaic systems are under construction, while another 45 MWp have reached ready-to-build (RTB) status.

Between July 2025 and June 2026, the systems under management generated a total of 36,524 MWh of renewable electricity, helping to avoid 14,020 tonnes of CO_2 emissions.

These results reflect an operating model that covers the different stages of each project's lifecycle, from development and permitting processes through to commissioning, operation, monitoring and maintenance, with the aim of preserving efficiency and performance over time.

Data on the status of photovoltaic systems as of 30 June 2026.



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TRACK RECORD

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15.82 MWp
Installed capacity

18.98 GWh
Annual energy production

7.287 t/year
CO_2 emissions avoided

Ground-mounted Photovoltaic System

MASSERANO

Masserano | Italy

In Masserano (Biella), a ground-mounted photovoltaic system with a total installed capacity of **15.82 MWp** is currently under construction.
Techbau Green Energy oversees the project from development through to commissioning and will be responsible for managing the system and selling the electricity generated.
Once operational, the system is expected to generate approximately **18.98 GWh** of renewable electricity annually, avoiding around 7,287 tonnes of CO_2 emissions each year.

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13.34 MWp
Installed capacity

19.72 GWh
Annual energy production

7.571 t/year
CO_2 emissions avoided

Ground-mounted Photovoltaic System

CAVA DI PASSO CORESE

Passo Corese | Italy

A ground-mounted photovoltaic system with a planned installed capacity of **13.34 MWp** is currently under construction at the Passo Corese quarry. Techbau Green Energy oversees the project's development and will subsequently oversee commissioning, system management and the sale of the electricity generated. Once fully operational, the system is expected to generate approximately **19.72 GWh** of renewable electricity annually, with an estimated reduction in CO_2 emissions of around 7,571 tonnes per year.

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14.65 MWp
Installed capacity

16.11 GWh
Annual energy production

6.185 t/year
CO_2 emissions avoided

Rooftop Photovoltaic System

PASSO CORESE

Passo Corese | Italy

A Passo Corese, Techbau Green Energy ha seguito la messa in esercizio di un sistema di impianti fotovoltaici installati sulle coperture dei complessi logistici. Con una potenza installata complessiva di circa **14,65 MWp**, gli impianti sono in grado di produrre circa **16,11 GWh** di energia da fonte rinnovabile all'anno, consentendo di evitare ogni anno l'emissione di circa 6.185 tonnellate di CO_2. L'azienda ne cura oggi la gestione e la commercializzazione dell'energia prodotta. L'intervento valorizza le superfici di copertura degli immobili, destinandole alla produzione di energia rinnovabile e contribuendo al miglioramento delle prestazioni energetiche complessive dei complessi.

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9.86 MWp
Installed capacity

9.63 GWh
Annual energy production

3.697 t/year
CO_2 emissions avoided

Rooftop Photovoltaic System

SAN PIETRO MOSEZZO

San Pietro Mosezzo | Italy

In San Pietro Mosezzo, Techbau Green Energy oversaw the commissioning of a photovoltaic system installed on the rooftop of the logistics complex. With an installed capacity of **9.80 MWp**, the system is capable of generating approximately **9.63 GWh** of renewable electricity annually, avoiding around 3,697 tonnes of CO_2 emissions each year. The company is now responsible for managing the system and selling the electricity generated. The project makes effective use of the rooftop area and contributes to improving the complex's energy performance. The complex was developed in accordance with ESG principles and high international standards for environmental sustainability and energy efficiency, and has achieved LEED Platinum certification.

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5.86 MWp
Installed capacity

6.27 GWh
Annual energy production

2.405 t/year
CO_2 emissions avoided

Rooftop Photovoltaic System

DOVERA

Dovera | Italy

In Dovera, Techbau Green Energy oversaw the commissioning of the photovoltaic system installed on the rooftop of the logistics complex and is now responsible for its management and the sale of the electricity generated. The system is capable of generating approximately **6.27 GWh** of renewable electricity annually, avoiding around 2,405 tonnes of CO_2 emissions each year.
The use of the rooftop allows an existing surface to be dedicated to renewable energy generation, contributing to the overall energy performance of the complex.

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5.40 MWp
Installed capacity

6.31 GWh
Annual energy production

2.425 t/year
CO_2 emissions avoided

Rooftop Photovoltaic System

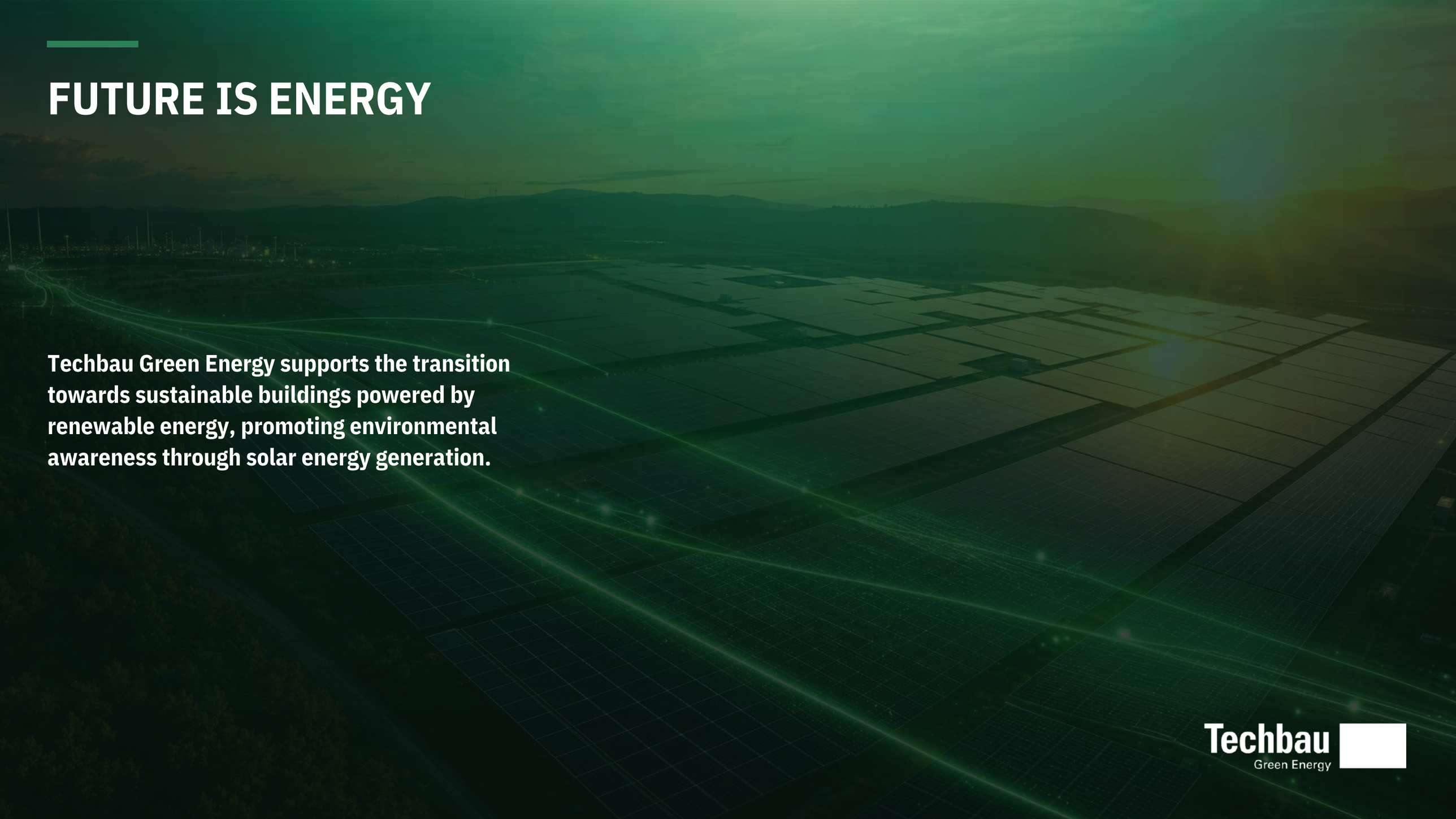
CAMPOGALLIANO

Campogalliano | Italy

From commissioning through to the management and sale of the electricity generated, Techbau Green Energy oversees the Campogalliano photovoltaic system in the province of Modena. Installed on the rooftop of a logistics complex, the system covers a total area of approximately 60,000 sqm and has a total installed capacity of approximately **5.40 MWp**, with an annual electricity generation of around **6.31 GWh**.
The project makes effective use of existing built surfaces, integrating renewable energy generation into existing logistics infrastructure.

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FUTURE IS ENERGY



Techbau Green Energy supports the transition towards sustainable buildings powered by renewable energy, promoting environmental awareness through solar energy generation.

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