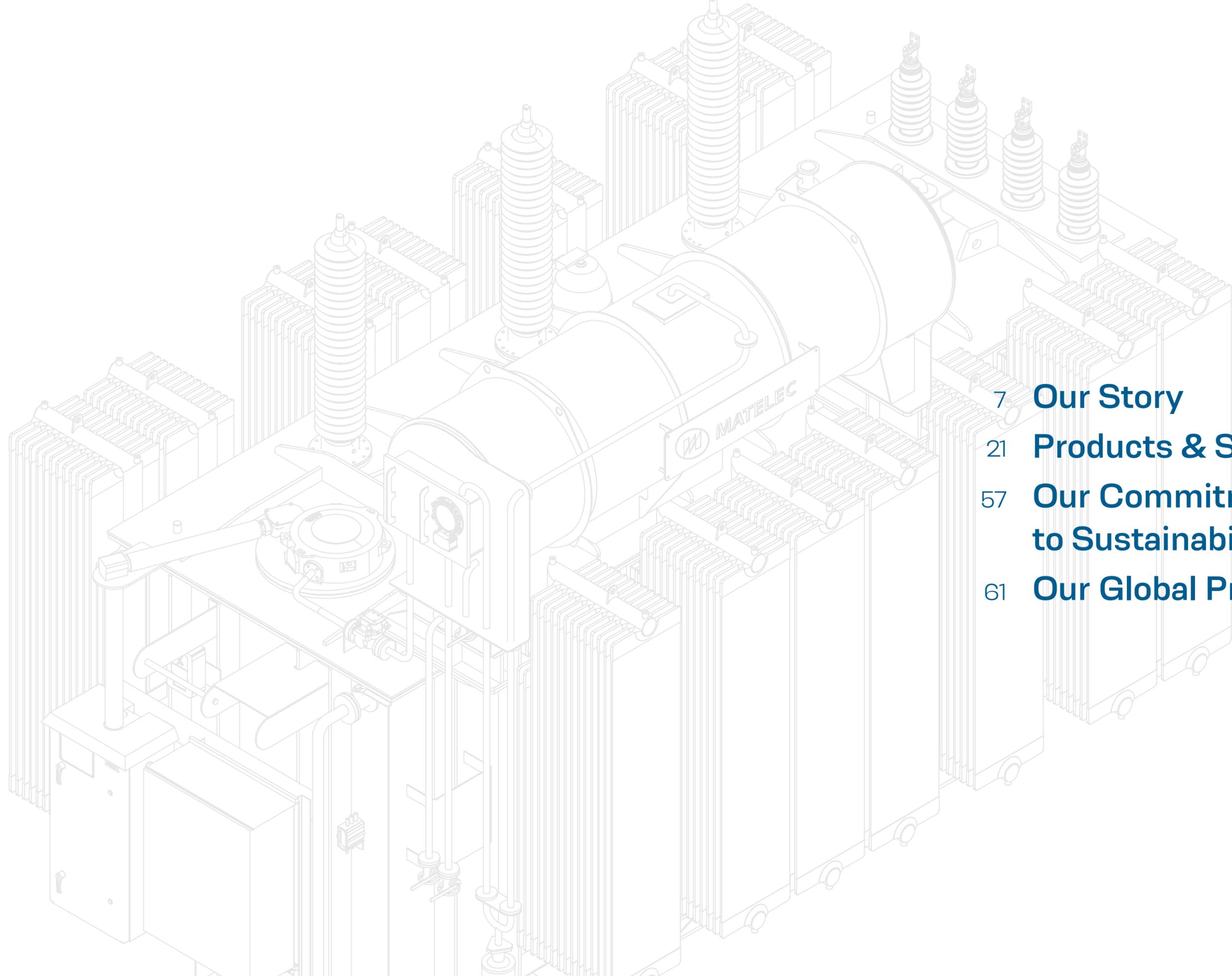


COMPANY PROFILE

2026



ENERGY BRINGS LIFE™



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WE ARE A **LEADING MANUFACTURER** OF POWER AND DISTRIBUTION TRANSFORMERS, ELECTRICAL PRODUCTS, AND A **TRUSTED PROVIDER** OF TURNKEY ENGINEERING AND CONTRACTING SOLUTIONS FOR ENERGY INFRASTRUCTURES.

With 50+ years of expertise, operations in 35+ countries, and 300+ completed projects, we deliver comprehensive power solutions for Transmission and Distribution, Power Generation, and Renewable projects.

35+

COUNTRIES

50+

YEARS IN
THE FIELD

300+

TURNKEY
PROJECTS

650+

EMPLOYEES

10,000

MVA PRODUCTION
CAPACITY



OUR STORY



“Shaping a sustainable, inclusive and clean energy future for all”

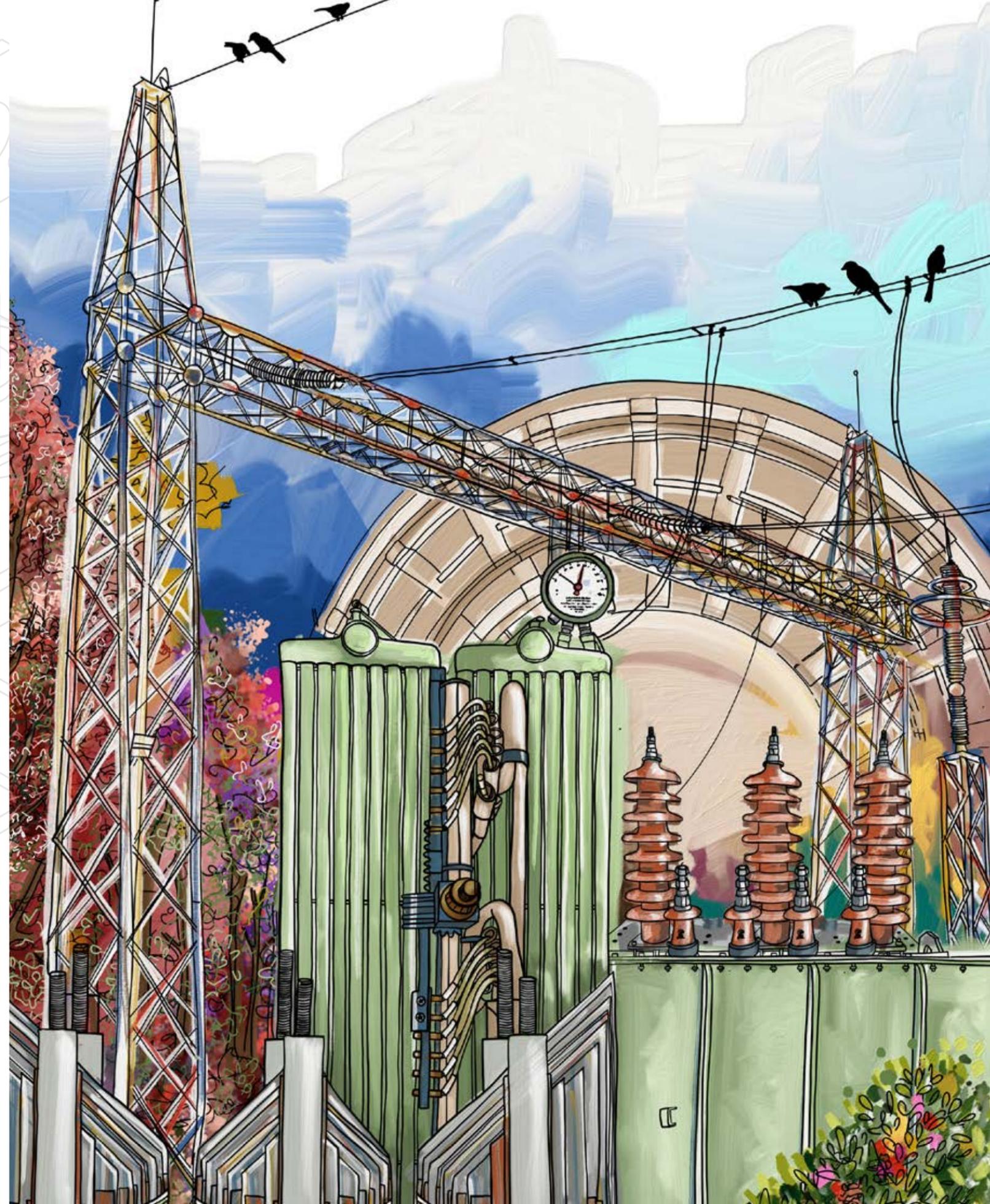
Matelec is a leading manufacturer of reliable and efficient electrical products and a trusted provider of sustainable end-to-end energy services. We provide comprehensive power solutions for Transmission and Distribution, Power Generation, and Renewables energy networks.

We manufacture high-performance electrical products, from distribution and power transformers up to 125 MVA/245 kV, low voltage switchboards, medium voltage switchgear, control and protection panels, prefabricated package substations, modular and mobile substations, E-houses to our eco-friendly green transformer, we ensure efficient and safe and sustainable power generation, transmission, and distribution.

We also provide turnkey engineering and contracting solutions for power infrastructure worldwide, from high-voltage conventional and renewable power

plants to VHV/HV/MV AIS and GIS substations up to 400 kV. We manage every phase, from design and project management to equipment supply, installation, commissioning, and civil works, even in the most challenging environments.

We support utilities expanding power grids to respond to the growing demand for energy generated by the global energy transition, setting the stage for economic growth, higher quality of life, bringing long-lasting changes toward a more sustainable future.



Our greatest asset is our unique combination of highly qualified engineers and a skilled workforce, often recruited directly from project-adjacent communities.

Our specialized team has over **50 years of collective experience** in the electrical field, enabling us to develop reliable, competitive, and innovative energy solutions that meet our client's needs while actively minimizing the negative impact on the planet and its natural resources.

Our core values - **excellence, agility, responsibility, and innovation** - have fostered a professional and positive company culture that will continue to guide us as we grow to meet the demands of the rapidly evolving energy landscape.

Our vision has always been to be a **trusted partner in the ongoing energy transition while uplifting communities through reliable production and access to energy**. We diligently align our business model with the principles and objectives of the UN Global Compact, reaffirming our commitments to operating ethically and promoting environmental stewardship, human rights, and social progress.

Our partnerships and initiatives are **driving the world forward** - bridging global energy gaps, supporting energy distribution networks, and laying the foundation for a better tomorrow.

OUR COMMITMENT EXTENDS BEYOND POWERING SYSTEMS; IT IS ABOUT THE DEVELOPMENT OF SUSTAINABLE ACCESS TO ENERGY.

ENERGY BRINGS LIFE”



EMPOWERING COMMUNITIES

We empower communities with sustainable and reliable access to energy, improving lives and supporting growth.

EXPANDING GRID CAPACITY

We support governments in achieving their national energy goals by providing utilities with a diverse range of high-quality energy products and services, customized to meet their unique needs and priorities.



SUPPORTING ENERGY TRANSITION

We play an active role in the global energy transition, helping countries build reliable and sustainable energy generation, transmission, and distribution networks for a greener future.



OUR BUSINESS PRINCIPLES

MISSION

We are committed to providing sustainable access to energy, empowering communities, driving national power development, and advancing the global energy transition. Our dedication is focused on driving positive change through projects that provide reliable energy access, generate employment opportunities, and foster environmental stewardship.

VALUES

AGILITY

In today's dynamic and rapidly changing environment, adaptability, flexibility and a proactive approach are at the heart of success. We are agile in our approach, ready to embrace new technologies and proactive in anticipating and meeting the evolving needs of our customers.

EXCELLENCE

We are committed to consistently delivering high-quality products and services, setting and achieving the highest standards of performance, and continuously striving for improvement in all aspects of our business. From design to manufacturing, our rigorous processes adhere to the highest industry standards.

RESPONSIBILITY

Responsibility is at the core of our identity. We recognize the impact of our actions, and we are dedicated to conducting our business to the highest ethical standards, with the environment in mind and with a strong sense of social responsibility. We behave with consideration. By integrating sustainable practices into our working process, we not only contribute to a better future but also meet the growing demand for products that contribute to a sustainable future.

INNOVATION

We embrace innovation as a core value that propels us into the future of energy. We recognize that being a market leader requires commitment to creative thinking and exploration of new technologies. We continuously innovate and adapt our working processes, our products and our services. We foster a culture that encourages people to explore new ideas, embrace emerging technologies and find innovative solutions to challenges.



OUR HISTORY



1974 Establishment of Matelec SAL in Lebanon for the manufacturing of distribution transformers.

1980 Launch of production of medium voltage switchgear, low voltage switchboards, package prefabricated outdoor substations, control and protection system.

1987 Development of the Engineering & Contracting division.

1992 Establishment of ELICO in Jordan – manufacturing of distribution transformers and package substations.

1994 First HV Air Insulated Substation project.

1996 First ISO 9001 Certification.

1998 First HV Gas Insulated Substation.

1999 Establishment of ITM in Egypt – manufacturing of distribution transformers.

2000 Establishment of Transfo Matelec in France – manufacturing of distribution transformers.

2002 First Mobile Substation Unit.

2006 First 300kV AIS Substation Project.

2007 * First turnkey thermal power plant project.
* First 400kV AIS substation.

2009 Acquisition of Ediel in Algeria.

2011 Inauguration of the power transformer manufacturing plant.

2016 First 400kV GIS Substation Project.

2022 Launch of Matelec's ESG Strategy.

2023 Engagement in the UN Global Compact.

2024 Start of the Power Transformer factory expansion.

2025 Establishment of Matelec Italia.

1970's

1980's

1990's

2000's

2010's

2020's

OUR EXECUTIVE COMMITTEE



Sami SOUGHAYAR
CEO



Paul DOUMET
CFO



Vahe AGHA SARKISSIAN
Corporate Operations Director



Pierre HADDAD
Industrial Division Director



Elie BEYROUTI
Sales & Business
Development Director



Cesar LUTFALLAH
Engineering & Contracting
Division Director



OUR HEAD COUNT

<p>TOTAL STAFF</p>  <p>669</p>	<p>MANUFACTURING FACILITY</p>  <p>488</p>	<p>HEAD OFFICE</p>  <p>181</p>
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WHY WORK WITH US ?



Comprehensive Expertise

With over 50 years of industry experience in manufacturing and engineering, we are a trusted leader in the electrical transformers and energy infrastructure sector. Our commitment to excellence ensures superior-quality products and services that deliver reliability, durability, and high performance. By leveraging deep end-to-end technical expertise, we provide innovative, tailored solutions that address our clients' unique challenges with consistent, measurable results.



Cost Efficiency

By managing our entire production process in-house, we maintain full control over quality and efficiency. This allows us to optimize workflows, maximize resource utilization, and reduce costs, enabling us to offer highly competitive pricing without compromising performance. Our cost-effective approach ensures that clients receive exceptional value, long-term reliability, and superior return on investment.



Technical Partnership

Beyond supply, we act as strategic technical consultants to our customers. Whether manufacturing high-quality products or delivering complex power engineering solutions, we work closely with our clients to analyze their challenges and develop solutions tailored to their operational needs. This collaborative approach ensures that every project benefits from expert guidance, technical innovation, and a results-driven strategy.



On-Time Deliveries

Our streamlined workflows, advanced project management, and unwavering commitment enable us to meet deadlines even under the most demanding conditions. We have a proven track record of ensuring timely deliveries despite industry disruptions, including global supply chain challenges, and the COVID-19 pandemic. Our clients can trust us to deliver consistently, no matter the circumstances.



100% Commitment

Trust is built on consistency, and we always deliver on our promises. Our commitment to quality, safety, and innovation drives us to excel in every project. By fostering long-term relationships built on trust, transparency, and mutual respect, we create value beyond products, offering peace of mind and a reliable partnership for our clients.



Tailor-Made Solutions

We engineer fully customized solutions to align with our clients' specific operational, technical, and regulatory requirements. Our flexible, precision-driven approach ensures that each product is designed, manufactured, and tested to the highest industry standards. From transformer configurations to specialized energy infrastructure solutions, we deliver innovation that enhances efficiency, performance, and long-term operational success.



Compliance & QHSE Commitment

We uphold the highest standards of Quality, Health, Safety, and Environment (QHSE) across all our operations. Our processes adhere to strict international standards, including ISO 9001, ISO 14001, and ISO 45001, ensuring full compliance with industry regulations and environmental best practices. Through rigorous quality control, continuous safety improvements, and sustainable manufacturing methods, we help our clients mitigate risks, maintain regulatory compliance, and ensure safe, reliable operations.



**PRODUCTS
& SERVICES**



INDUSTRIES WE SERVE



TRANSMISSION & DISTRIBUTION (T&D)

POWER GENERATION

RENEWABLES

		TRANSMISSION & DISTRIBUTION (T&D)	POWER GENERATION	RENEWABLES
Products	Distribution Transformers	x	x	x
	Power Transformers (Step Up / Step Down)	x	x	x
	Green Transformers	x	x	x
	Low Voltage Switchboards	x	x	x
	Medium Voltage Switchgear	x	x	x
	MV/LV Prefabricated Substations	x	x	x
	Control & Protection Panels	x	x	x
	Step Up Transformers for Inverters			x
	Mobile Substations	x		
	Modular Substations	x		
E-House	x		x	
Services	HV/MV Turnkey Substations	x		x
	Execution of Turnkey Power Plants		x	

OUR PRODUCTS

DISTRIBUTION TRANSFORMERS

With over 50 years of expertise in the design and manufacturing of liquid-immersed three-phase transformers, we deliver reliable and high-performance distribution transformers to public and private clients across more than 35 countries across Europe, the Middle East and Africa.

In addition to standard step-down transformers, which form the backbone of any electrical network, we also provide:

- Step-up transformers: specifically designed to support renewable energy systems by ensuring efficient power transmission.
- Self-protected transformers: engineered to safeguard people, property, and the environment with integrated safety features.
- Earthing transformers: designed to provide grounding and system stability in electrical networks.



Capacity	50 to 3150 kVA
Voltage	Up to 36 kV
Standards	IEC60076 as well as National Standards
Liquid Type	Mineral, Synthetic or Natural Ester

POWER TRANSFORMERS

Striving for a sustainable energy future, utilities worldwide, alongside private clients are advancing electrification with an emphasis on decentralization and decarbonization. We support this transition by providing high-quality liquid-immersed power transformers, meticulously tailored to meet each client's specific needs and requirements.

Beyond delivering reliable power transformers, we offer a comprehensive array of related services to ensure seamless operation and long-term performance:

- Logistics: efficient delivery from our factory to any site worldwide.
- Site Works: expert assembly, installation, testing, and commissioning.
- Lifelong Transformer Services: comprehensive support and maintenance throughout the transformer's entire lifecycle.



Capacity	5 to 125 MVA
Voltage	Up to 245 kV
Standards	IEC60076 as well as National Standards
Type	Single-Phase or Three-Phase
Type	Transformer or Autotransformer
Liquid Type	Mineral, Synthetic or Natural Ester
Tap Changer	On-Load or Deenergized or a combination of both

Annual Transformers Capacity: 10,000 MVA

GREEN TRANSFORMERS

Green transformers are designed to enhance sustainability in energy distribution. One of their standout features is the use of bio-based ester oils instead of traditional mineral oils. Ester oil is non-toxic, biodegradable, and has superior fire safety properties, making it a safer alternative for the environment. Additionally, the raw materials used in green transformers are selected to minimize CO2 emissions during production. This may include:

- Using CO2 reduced Aluminum in the construction of the windings.
- Using copper instead of Aluminum conductors in the windings.
- Using CO2 reduced magnetic steel in the construction of the cores.
- Using CO2 reduced mild steel in the construction of the tanks and covers.

GREEN TRANSFORMERS ARE DESIGNED FOR ENHANCED ENERGY EFFICIENCY, MINIMIZING POWER LOSSES AND SIGNIFICANTLY REDUCING CO₂ EMISSIONS DURING OPERATION.

The improved efficiency of green transformers minimizes thermal losses, leading to lower greenhouse gas emissions over their operational lifetime.

These transformers also have a longer lifespan and require lower maintenance further contributing to their environmental benefits by minimizing the product's carbon footprint.

With negligible lower noise emissions and a focus on minimizing environmental impact throughout their lifecycle, green transformers represent a significant step towards more sustainable and efficient energy systems. With our new environmentally friendly transformer design, we move closer to achieving our global sustainability goals.



LOW VOLTAGE SWITCHBOARDS

Our low voltage switchboards are assembled in IP55 enclosures with a rated current of up to 6,300 A. They are designed and manufactured according to the specific requirements of each customer. These modules provide control and protection for low-voltage power equipment and circuits in industrial, commercial, residential and utility installations.



MEDIUM VOLTAGE SWITCHGEAR

We manufacture a wide variety of medium-voltage switchgear for distribution and transmission networks. These modules provide control and protection for medium voltage power equipment and circuits in industrial, commercial and utility installations.



TYPES OF MV SWITCHGEAR INCLUDE

Metal-Enclosed for secondary distribution

The SM6 range manufactured under License from Schneider Electric includes air insulated bus bars, load break switches, disconnectors, contactors and fixed or withdrawable circuit breakers. The range covers up to 24 kV insulation level and 1250 A current rating.

METAL-ENCLOSED TYPE (LSC2A AIS)	
Rated Current	Up to 1250 A
Rated Voltage	Up to 24 kV
Standards	IEC 60298 / IEC 62271

Metal-Clad for primary distribution

The SIMOPRIME range manufactured under License from Siemens includes air insulated bus bars and withdrawable vacuum insulated circuit breakers. The range covers up to 24 kV insulation level and 3600 A current rating.

METAL-CLAD TYPE (LSC2B AIS)	
Rated Current	Up to 3600 A
Rated Voltage	Up to 24 kV
Standards	IEC 60298 / IEC 62271



CONTROL & PROTECTION FOR HV SUBSTATIONS

We produce control panels (extensible mimic or numerical type), protection panel boards, Programmable Logic Controllers (PLCs), integrated panels for synchronization and automation, AVR panels for Power Transformers, as well as RTU panels for Supervisory Control and Data Acquisition (SCADA) systems. These modules provide control and protection for high-voltage power equipment on the grid and transmission network.

These products are manufactured according to specific requirements and tender book parameters set by the customer. They are factory tested prior to delivery and installation.



MV/LV PREFABRICATED SUBSTATIONS

Our package substations are prefabricated units which include an integrated distribution transformer, MV and LV switchgear, power factor improvement equipment, control and protection panels and accessories such as street lighting circuits. These ready-to-use, factory-tested, easy to install metallic kiosks, are used to rapidly expand and stabilize the MV/LV distribution network.



METALLIC HOUSE OR SKID BASE	
Type	Steel or Aluminum including three compartments (MV, LV, Transformer)
Option	Thermal insulation
Medium Voltage	Ring Main units or Modular units
Low Voltage	Included in a separate compartment, designed according to customer requirements
Transformer	50 kVA to 2500 kVA up to 36 kV

INTEGRATED COMPACT TRANSFORMER	
Type	The transformer and all corresponding electrical components are integrated in the same enclosure
Medium Voltage	Switch disconnectors and protection equipment are immersed in oil and integrated in the transformer tank
Low Voltage	Low voltage panel is mounted on the transformer tank
Transformer	50 kVA to 2000 kVA up to 36 kV

MOBILE SUBSTATIONS

Mobile substations are small scale electrical substations utilized to secure power distribution in compact and remote areas and to prevent power outages by providing grid redundancy. They are built on semi-trailers through modular assembly and installation of prefabricated electrical equipment. This high quality ready to use mobile substations are compact, easy to transport, flexible, reliable low maintenance and cheaper than conventional substations. They are fully assembled and tested at the company's main factory in Amchit. We have delivered more than 150 mobile substations across the Middle East and Africa.

Features

- Short delivery time
- Easy to operate, highly reliable and flexible
- Low space requirement leading to savings from land acquisition
- Rapid interconnection and integration to the grid



MODULAR SUBSTATIONS

Modular substations are complete and large-scale electrical substations mounted on multiple skids and transported via semi-trailers.

Features

- Minimal cost due to considerably less civil works, straight-forward installation and lower space requirements
- Short delivery time
- Withstands extreme weather conditions
- Flexible usage: primary power distribution for isolated areas, emergency situations and temporary solutions
- Extendible: Easy to expand and to connect to existing substations
- Superior control through SCADA, two-way communication and plug-in control cables



E-HOUSE

E-houses are prefabricated substations used as power distribution centers. These containerized substations include switchgear rooms as required by the client. Mobile E-houses are installed on trailers as portable substations.

Features

- Speeds up overall project lead time
- Reduces EHS risks on site
- Quick and efficient plug-and-play installation, eliminating the need for time-consuming on-site construction



OUR SERVICES

Matelec's Engineering and Contracting division was created to undertake the Engineering, Procurement and Construction (EPC) of power infrastructure projects such as conventional and renewable power plants, HV/MV substations and transmission lines.

Our company collaborates with some of the biggest companies in the energy industry such as Schneider Electric, GE, Siemens, ABB, MAN Diesel, Wartsila, to provide top quality EPC services to our customers. These turn-key projects are often financed by top Development Finance Institutions (DFIs) such as the World Bank, African Development Bank, Japan International Cooperation Agency, KfW Development Bank and Islamic Development Bank who rely on companies such as Matelec to deliver durable and efficient power infrastructure solutions.

Our team of highly skilled engineers ensures that our civil, mechanical and electrical designs are in line with international standards to achieve optimal results. Furthermore, our team of experts on the ground are highly trained to implement and execute these designs even in the most challenging on-site conditions.

Matelec also takes pride in its after-sales services, the company stands ready to intervene within 24h when called upon.

Our current and recent projects span multiple countries across the Middle East and Africa, including Senegal, Mali, Niger, Kenya, Nigeria, Ghana, Algeria, Iraq, Lebanon, Egypt, Saudi Arabia, the UAE, and several others.

E&C services include but are not limited to:

-  Design & Engineering (electrical, mechanical and civil)
-  Appraisal & Reengineering when required
-  Project Management
-  Supply of Equipment
-  Design & Supply of Control/Protection/Telecommunication & LV Systems
-  Installation, Testing & Commissioning
-  Civil Works
-  Training of Customer Staff
-  Complete Service, 24/7 Operation & Maintenance





HIGH VOLTAGE SUBSTATIONS

We are a trusted leader in designing, building, and commissioning high-performance electrical substations. Over the years, we have successfully delivered 150+ Air Insulated (AIS) and Gas Insulated (GIS) Substations across the Middle East and Africa, reinforcing our reputation for engineering excellence and reliability.

With over three decades of expertise, deep industry partnerships, and a commitment to quality, we continue to power the future of energy infrastructure with precision and innovation.

Through these projects, we have developed strong working relationships with leading HV equipment manufacturers such as ABB, Siemens, and Schneider Electric.

Our client base includes primarily Ministries, public utilities, as well as private sector projects. Our reference list includes but is not limited to:

PROJECT NAME	COUNTRY	CLIENT NAME	COMPLETION YEAR	VOLTAGE
330/132/33 kV Substation of Ganmo (Ilorin) & 330/132/33 kV Substation extension of Ayede	Nigeria	Niger Delta Power Holding Company of Nigeria	2010 & 2012	330/132/33 kV & 330/132/33kV
220/60 kV GIS Substation of Illiten 2 - 2x120 MVA	Algeria	Sonelgaz	2014	220/60 kV, 2x120 MVA
400/220 kV GIS Substation of El Oued	Algeria	Sonelgaz	2016	400/220 kV
400/220/31.5 kV 3x300 MVA Substation of Cheffia at Koudiet Draouch	Algeria	Sonelgaz	2017	400/220/31.5 kV 3x300 MVA
220 kV Gas Insulated Switchgear Substation of Achrafieh, Dahieh & Bahsas	Lebanon	Ministry of Energy & Water	2017	220/20-11 kV & 220/20-15 kV
Lot 3, Procurement of Design, Supply and Construction 132/33 kV GIS (Al Chibaish, Al Batahaa, Al Matahana & Al Itarat)	Iraq	Ministry of Electricity Iraq	2022	132/33 kV
Phase 2 lot 2- Ramadi & Tikrit 132/33 kV & 33/11 kV GIS Substations	Iraq	Ministry of Electricity Iraq	2024	132/33 kV





POWER GENERATION PLANTS

Since 2005, we have been at the forefront of Engineering, Procurement, and Construction (EPC) for thermal power plants, delivering reliable, high-efficiency energy solutions. To date, we have successfully commissioned a total of 509 MW, solidifying our reputation as a trusted partner in the energy sector.

Through our extensive experience, we have developed strong collaborations with globally recognized manufacturers, including MAN Diesel, Wärtsilä and Mitsubishi.

	CAPACITY	COUNTRY
Gorou Banda Power Plant	20 MW	Niger
Kounoune Power Plant	67 MW	Senegal
Thika Power Plant	87 MW	Kenya
Sirakoro Power Plant	100 MW	Mali
Tobene Power Plant	115 MW	Senegal
Malicounda Power Plant	135 MW	Senegal



Thika Power Plant - 87 MW - Kenya



Kounoune Power Plant - 67 MW - Senegal



Malicounda Power Plant - 135 MW - Senegal

OUR FACTORY

Since its founding in 1974, Matelec has exemplified innovation and resilience, evolving into a leading force in manufacturing. Our team of over 570 skilled professionals drives technological advancement across all stages of operation, from design to quality control. With agility and adaptability, we can mobilize around 400 employees to meet even the most demanding project requirements, supported by our dedicated after-sales teams.

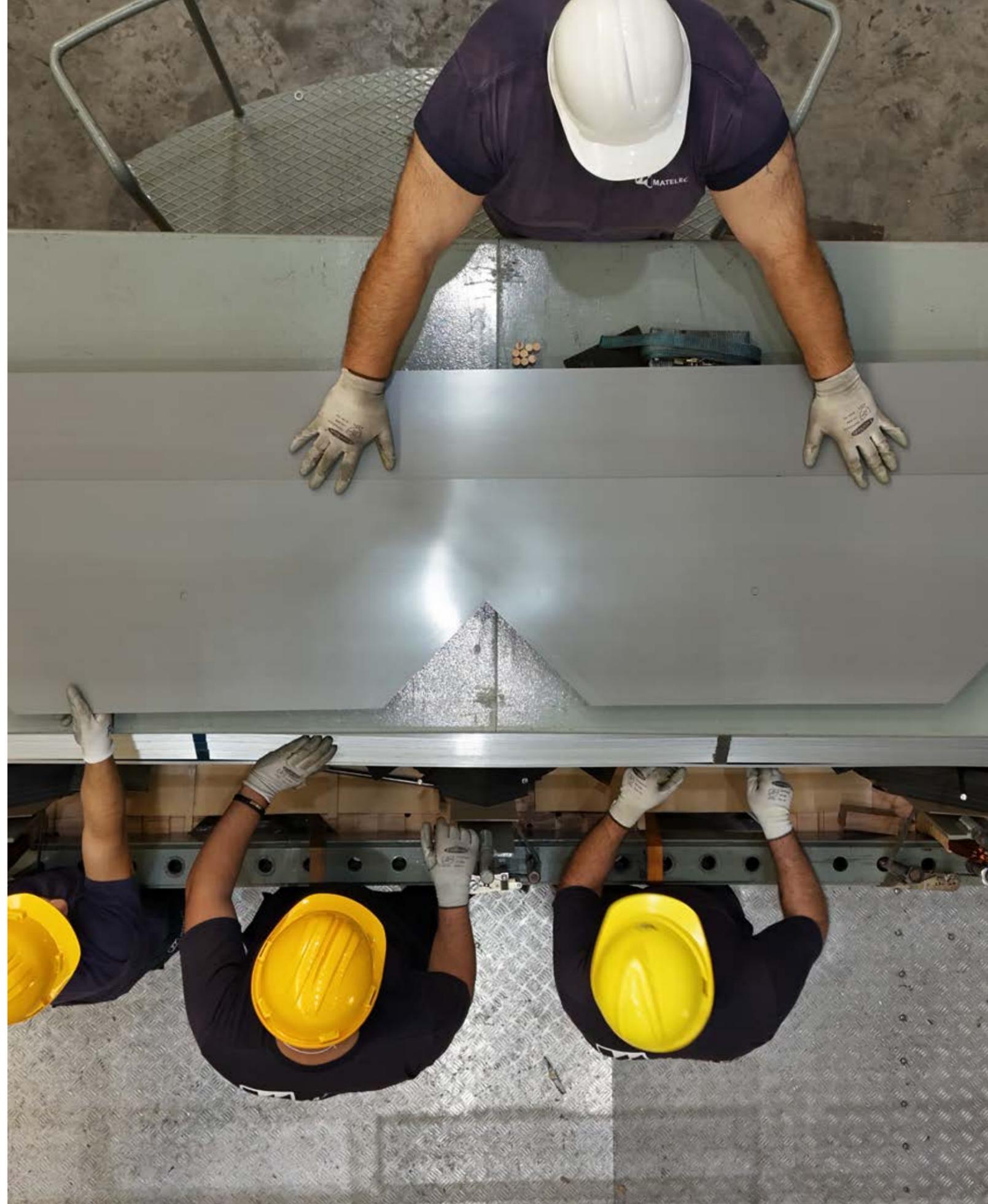
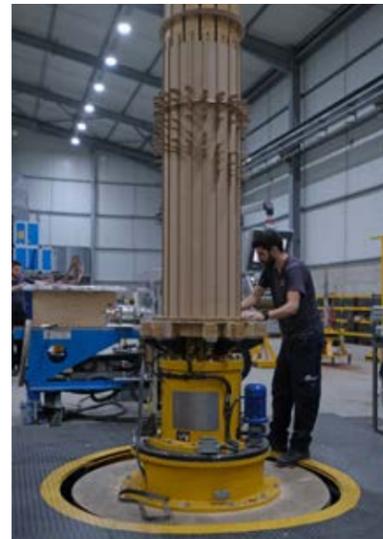
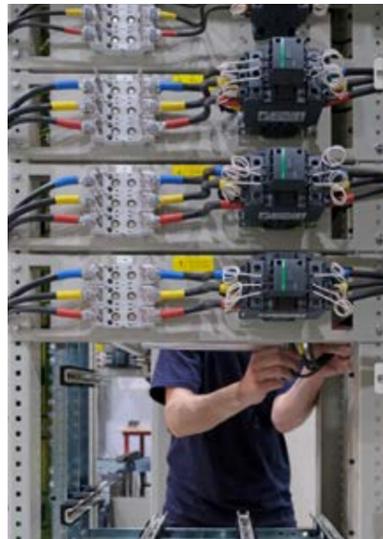
Our state-of-the-art facilities, equipped with cutting-edge technology and lean manufacturing processes, enable us to maintain exceptional quality and efficiency through vertical integration. We are also deeply committed to sustainability, reducing our carbon footprint by embracing renewable energy sources and responsible waste management practices.

In even the most challenging times, we remain steadfast, delivering uninterrupted operations to meet our customers' needs. Beyond being a manufacturer, we are a trusted partner, consistently driving the future of the industry with a commitment to excellence and continuous innovation.



OUR IN-HOUSE PRODUCTION WORKSHOPS

With our end-to-end in-house production facility, where every component is manufactured on-site we ensure a significant competitive advantage in terms of agility, customizability, quality control, and cost optimization. It allows us to respond quickly to client needs, ensure the highest quality standards, and maintain cost efficiency throughout the production process.





OUR FACILITY WORKSHOPS: THE CENTER OF EXCELLENCE & INNOVATION

STEEL MANUFACTURING

Our Steel Manufacturing workshop showcases our commitment to excellence with cutting-edge laser and punching machines that enhance precision and efficiency. By utilizing the latest technologies in bending machines, we deliver high-quality steel components that not only meet but exceed the rigorous standards of our clients.

MAGNETIC CORE CUTTING

In the Magnetic Core Cutting workshop, we prioritize innovation by leveraging advanced technologies for core-cutting and stacking. This allows us to manufacture magnetic cores with exceptional precision, serving a diverse range of applications in the electrical and electronics industries, while ensuring reliability in every production process.

TANK WELDING

Our Tank Welding workshop reflects our dedication to responsibility through stringent safety measures and quality controls. It is equipped with specialized fin folding machines, MIG and TIG welding machines, and a leak testing chamber, all operated by well trained and certified welders to ensure the integrity and durability of our welded tanks. We deliver high-quality welding solutions that meet the most demanding safety and performance requirements.

WINDING

The Winding workshop optimizes our focus on innovation, featuring state-of-the-art alu/copper foil and wire winding machines. With advanced flattening units designed for eco-friendly transformers, we produce efficient solutions that minimize environmental impact while maintaining the highest standards of performance.

ACTIVE PART ASSEMBLY & DRYING

In our Active Part Assembly and Drying workshop, we emphasize agility and responsibility by utilizing a Transformer Vacuum Drying Plant and a Vapor Phase Drying Plant for precise drying processes. This enhances transformer performance and longevity, while our oil filling under vacuum ensures optimal conditions and reduces contamination risks.

SURFACE TREATMENT/PAINTING

Our Surface Treatment and Painting workshop integrates excellence and innovation with a state-of-the-art grit blasting chamber and automated chemical spraying tunnels for optimal surface preparation. We employ advanced electrostatic and liquid painting techniques to create high-quality, durable coatings that enhance both the aesthetic and protective qualities of our products, ensuring they endure rigorous operational environments.

Rigorous controls and tests are conducted before, during, and after each stage of the painting process including active bath concentration control, coating thickness, various mechanical tests and neutral salt spray test.

Our adopted painting systems offer numerous advantages such as high mechanical, chemical, and anti-corrosive performance in high-corrosive environments (C5), high durability (H) for up to 25 years, in accordance with ISO 12944-6 standards.

TESTING

Our transformers are dispatched to customers only after they individually pass final inspection and testing. We are equipped with one high-voltage test bay for Power Transformers and one medium-voltage test bay for Distribution Transformers.

A wide range of tests is conducted, encompassing routine assessments, dielectric and temperature rise evaluations, as well as specialized examinations. These include advanced dielectric tests, capacitance determination, transient voltage transfer characteristic analysis, zero-sequence impedance measurement, sound level assessment, harmonic measurement, insulation resistance evaluation, and partial discharge detection, among others.

Insulating liquid analysis can also be carried out also in our test bays including dissolved gas analysis, dielectric breakdown voltage, acidity, interfacial tension, moisture content and dissipation factor. Short-circuit tests are performed in internationally recognized and approved labs.

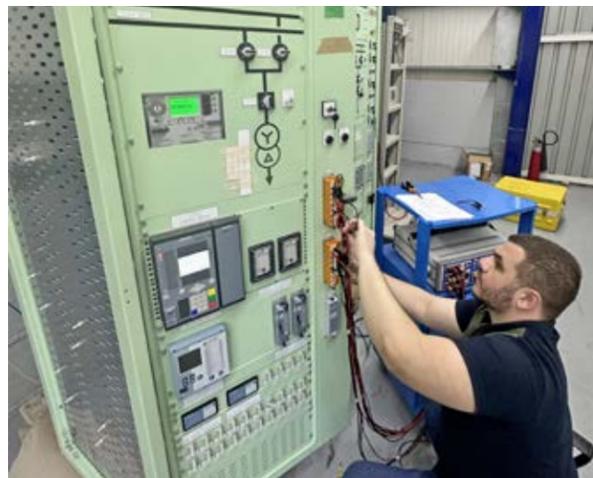
MV/LV PRODUCTS

Our MV/LV products are shipped to customers only after successfully passing rigorous final inspection and testing. To ensure the highest quality standards, Matelec's highly experienced MV/LV testing team utilizes state-of-the-art equipment to conduct a comprehensive range of tests. These include dielectric routine tests on the main circuits, assessments of auxiliary and control circuits, measurements of main circuit resistance, and mechanical operation tests.

PAINTING

Our products are designed to have an operating lifetime of more than 20 years in both indoor and outdoor settings, including in harsh meteorological conditions. First-class corrosion protection is a basic requirement.

The painting process is continuously monitored in our labs where all chemical baths concentrations are measured and calibrated to maintain a consistent and high-quality surface treatment. Testing samples are carefully painted and undergo rigorous mechanical and salt spray testing to evaluate the corrosion resistance of our painting system (C4H or C5H), ensuring optimal performance in challenging conditions.



EXCELLENCE & RELIABILITY

OUR UNIQUE ADVANCED IN-HOUSE TESTING PLATFORM FOR
OPTIMAL PERFORMANCE OF TRANSFORMERS



SUPERIOR QUALITY STANDARDS

Our manufacturing workshops operate under certified quality management systems, including ISO 9001, among others. Our commitment to superior quality is backed by over 50 years of industry experience and a continuous focus on research and development.

All our continuous production processes are monitored through comprehensive Quality Control Plans (QCP), designed to flag any potential product defect that may result from any engineering or manufacturing flaw.

These Quality Control Plans (QCPs) are implemented throughout all phases of manufacturing. Tests on raw materials and purchased components are carried out either at the supplier's premises or upon delivery to our factory. In-process inspections and tests are conducted to ensure quality and compliance with design specifications, followed by a final inspection and testing of finished products to guarantee optimal performance.

All final tests are performed according to international standards and results are constantly reviewed and scrutinized by our engineers.



PRIORITIZING HEALTH, SAFETY, & WELL-BEING

At Matelec, the health and safety of our employees, contractors, and partners is our top priority. Our commitment to health and safety goes beyond our ISO 45001 certification and policies, it is a fundamental part of our culture and core values. Every individual at our company contributes to the establishment and enforcement of a safe work environment. Below is an overview of how we foster this commitment:

1. Health & Safety as a Priority

We place the highest priority on health and safety, recognizing that our people are our most valuable asset. With a firm belief that all accidents and injuries are preventable, we are dedicated to fostering a workplace where every individual can perform their duties safely and return home unharmed at the end of each day.

2. Health & Safety Culture

Our company fosters a strong, proactive health and safety culture that encourages continuous improvement and personal responsibility. Safety is embedded in every aspect of our operations, and we believe that a safety-first mindset leads to a healthier, more productive, and engaged workforce.

3. Cooperative & Supportive Culture

Our approach to health and safety emphasizes collaboration and support. We believe that by working together, we can better identify risks and implement effective solutions. Employees are encouraged to openly report hazards or unsafe practices. This open, supportive culture allows us to tackle safety concerns before they become incidents, creating a safer workplace for all.

4. Health & Safety Accountability

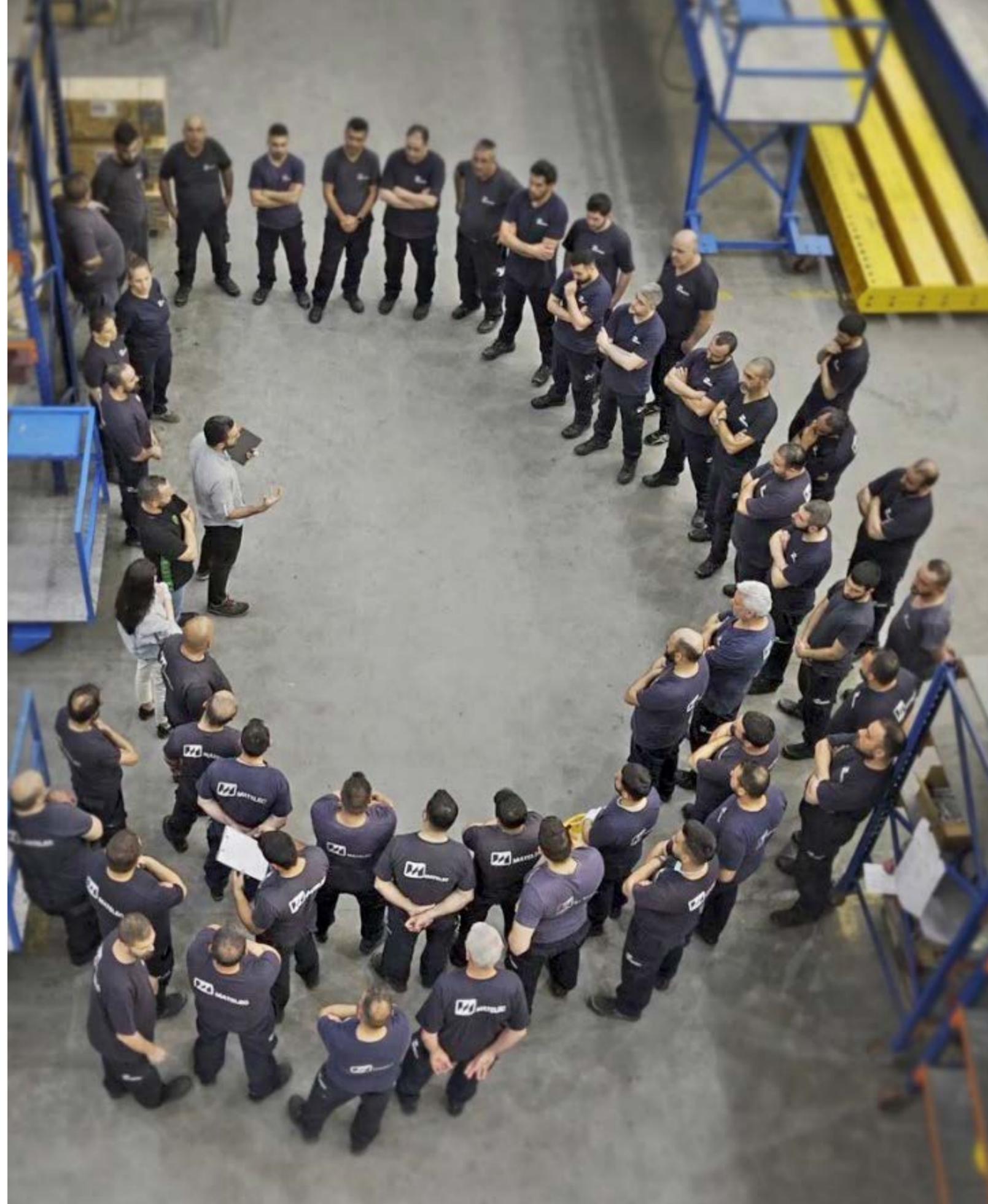
While emphasizing cooperation and support, accountability is central to our approach to health and safety. We believe that every person within the organization is responsible for his own, as well as their colleague's safety. Whether it's leadership providing clear direction and resources, or employees ensuring safe practices in their daily tasks, everyone is held accountable for upholding the highest safety standards. By fostering personal accountability at every level, we ensure that health and safety become second nature across the company.

5. Shared Responsibility

Having a dedicated Health and Safety department does not relieve other stakeholders of this responsibility. Health and Safety is a shared commitment across the entire organization. Every employee, at every level, has a duty to act safely, identify risks, and ensure that their work area adheres to our safety standards. By empowering each person to take ownership of their health and safety obligations, we create a culture where safety is everyone's business.

6. Health & Safety Improvement

We are dedicated to continuously improving our health and safety performance. By regularly reviewing procedures, engaging with employees, and integrating the latest safety technologies and best practices, we ensure that our safety standards evolve with our operations.





OUR COMMITMENT TO SUSTAINABILITY

OUR STRATEGY FOR SUSTAINABILITY

At Matelec, we believe that bringing energy is to bring life. We are dedicated to making a positive impact on the lives of our stakeholders while creating business value. Sustainability is at the core of our mission. We are committed to driving sustainable development, fostering a more equitable and inclusive society, and expanding access to affordable, clean energy.

Aligned with the United Nations' Sustainable Development Goals (SDGs) outlined in Agenda 2030, we take responsibility for advancing global sustainability efforts. Our business model directly supports three key SDGs: ensuring access to affordable and clean energy, promoting industry, innovation, and infrastructure, and building sustainable cities and communities.

Our sustainability strategy aligns with 15 of the 17 SDGs, reflecting our broad and integrated approach to addressing global challenges. Through a rigorous materiality analysis, we have identified seven strategic focal points that guide our commitment to responsible leadership, environmental stewardship, and workforce development.

To turn vision into action, we have established eight priority commitments, each designed to drive measurable progress in our focus areas and reinforce our contribution to the UN Sustainable Development Goals. Together, we are shaping a more sustainable future—one that balances innovation, responsibility, and long-term impact.

WE SUPPORT



SCAN CODE TO KNOW MORE ABOUT OUR ECOVADIS MEDAL

PILLAR	STRATEGIC FOCUS	PRIORITY COMMITMENTS	MAIN RISK (MATELEC OR ITS SUPPLIERS)	SDG (SUSTAINABLE DEVELOPMENT GOAL)
 LEADING RESPONSIBLY	Promote Ethical Business Conduct	Establish a robust and long-term governance that respects and promotes human rights and ethical business conduct	Business misconduct and lack of transparency	  
	Source Responsibly	100% of major suppliers screened on their environmental and social performance and sign the Supplier Code of Conduct by 2026	Business misconduct, environmental and social degradation across our value chain	  
 SAFEGUARDING THE ENVIRONMENT	Commit To Mitigating Climate Impact	Reduce greenhouse gas emissions by at least 31% by 2030	Climate change	  
	Develop The Circular Economy	Aim for a zero waste transformer by 2040 Design and produce a "Green transformer" designed for sustainability	Resource optimization and consumption Increased environmental footprint and potential harm to ecosystems	  
 PROTECTING AND DEVELOPING OUR PEOPLE	Supporting Staff Through Lebanon's Crises	Adjust our compensation and benefit plans to preserve living wages, access to care and education	Talent attrition and loss of productivity	  
	Ensure Health & Safety	Reduce the total recordable injury rate (TRIR) to less than 5 per million hours worked by 2030	Work-related accidents and injuries	  
	Retain & Develop Talent	Provide at least 20h/year professional development and training opportunities per employee by 2030	Talent attrition and loss of productivity	



**OUR GLOBAL
PRESENCE**

WE ARE CONTINUALLY ASSESSING AND EXPLORING NEW TARGET MARKETS TO BROADEN OUR MANUFACTURING CAPABILITIES. THIS INCLUDES INVESTING IN FACTORIES, TESTING PLATFORMS, AND REPAIR WORKSHOPS IN INTERNATIONAL LOCATIONS. WE CURRENTLY OPERATE IN FRANCE, EGYPT, JORDAN, AND ALGERIA.

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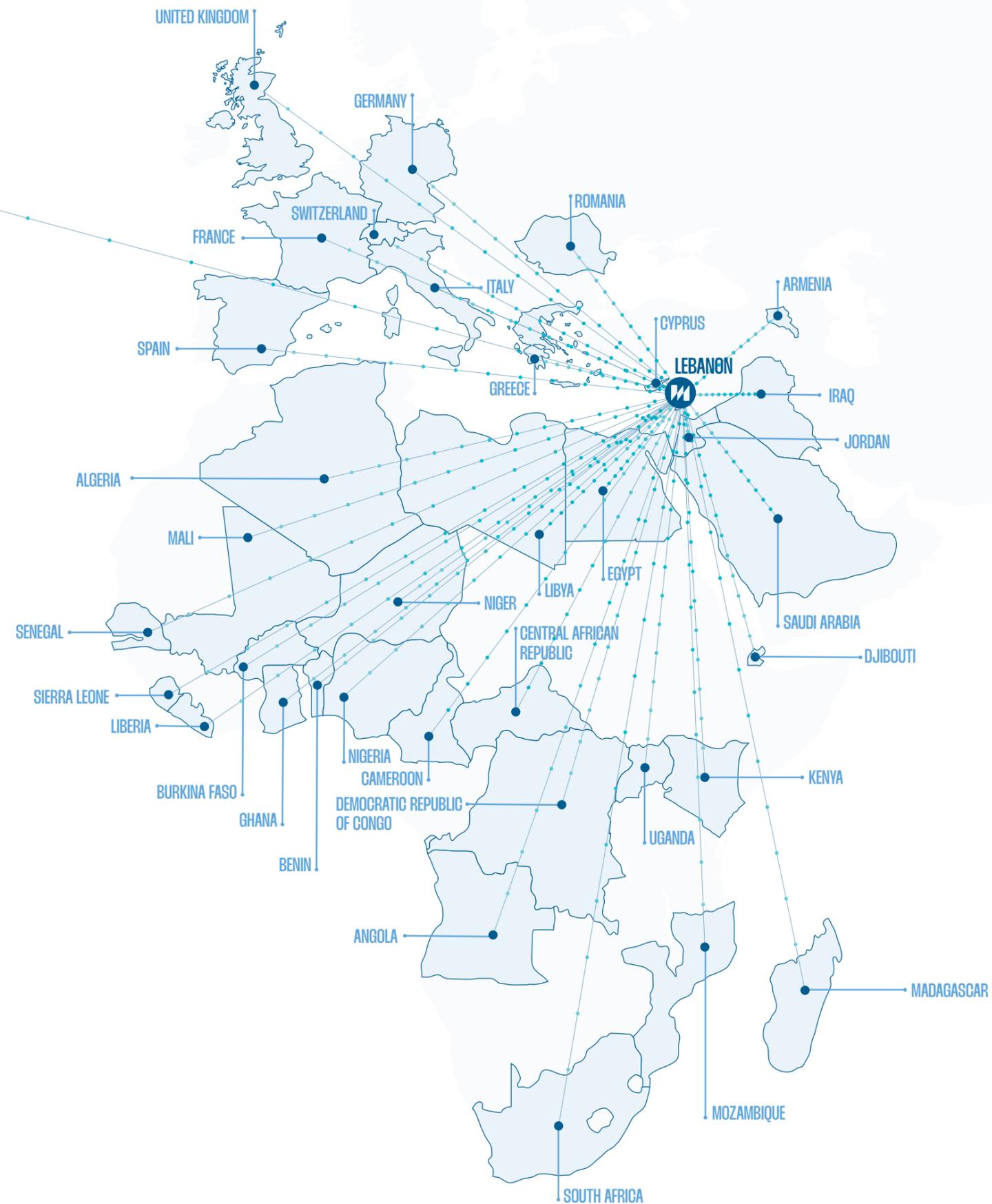
AFFILIATES

ALGERIA | Entreprise algérienne des équipements de transformation et de distribution électrique (EDIEL)

EGYPT | International Transformers Matelec (ITM)

FRANCE | Transfo Matelec

JORDAN | Electrical Equipment Industries Co (ELICO LTD)





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