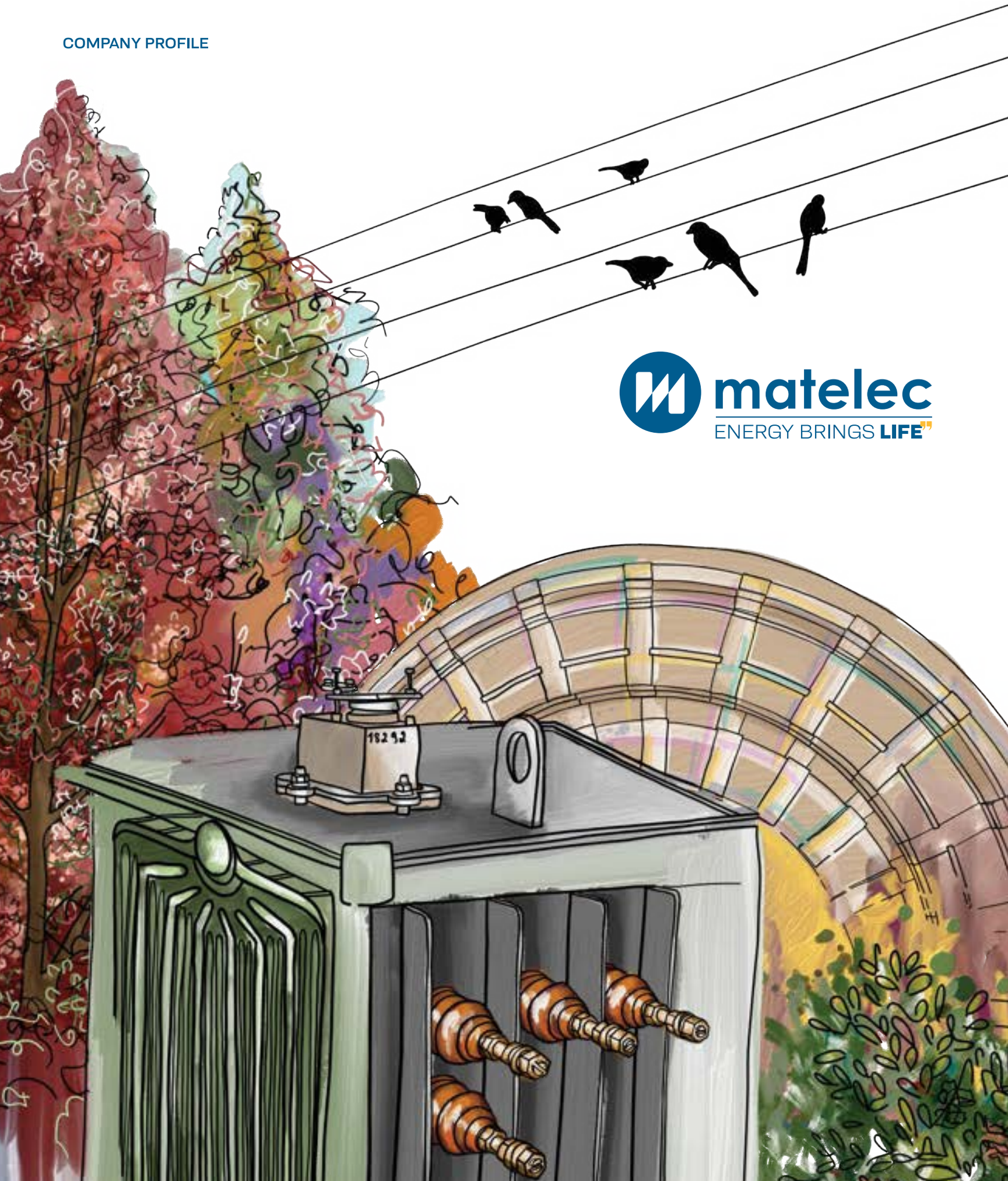
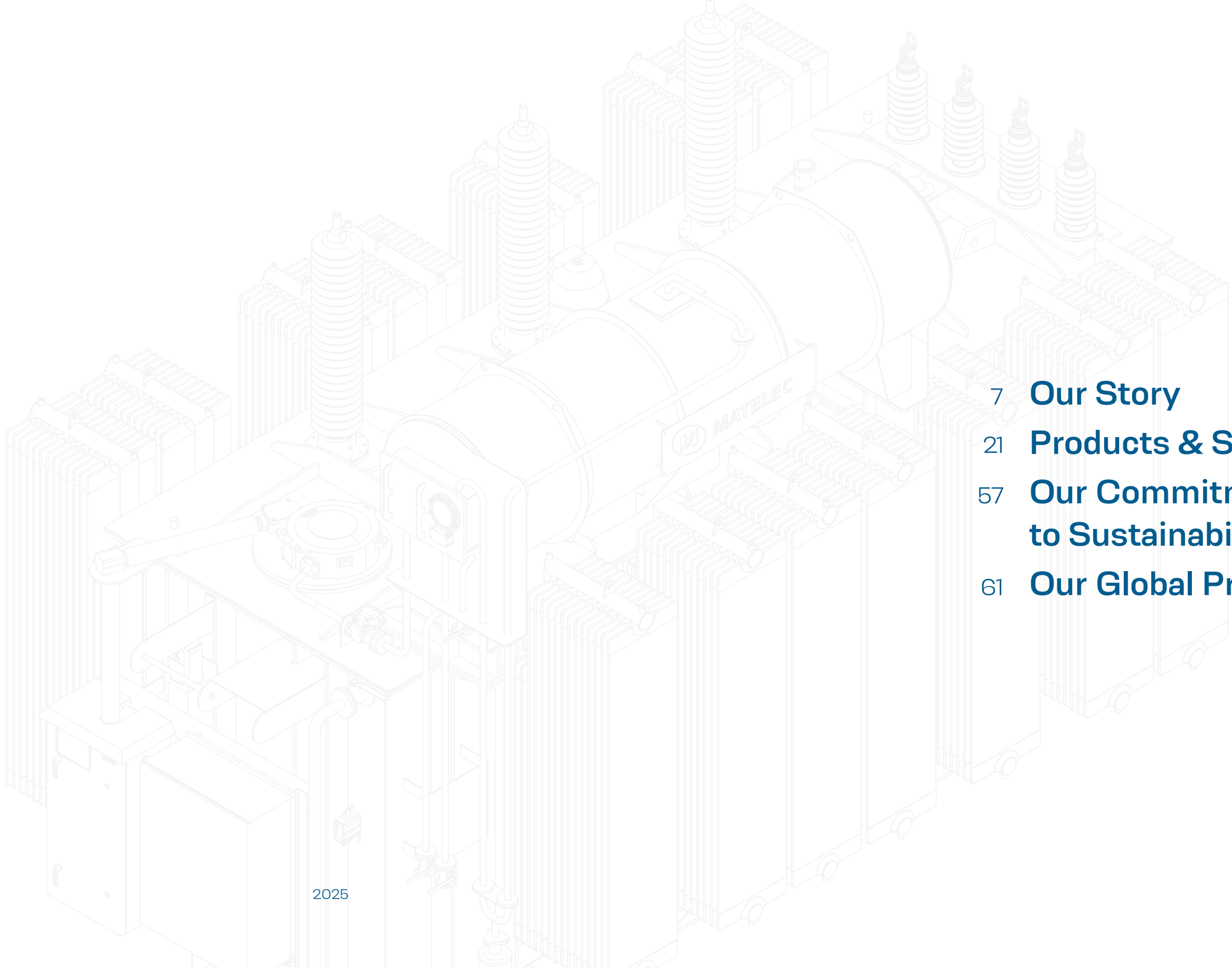


matelec
ENERGY BRINGS LIFE





2025

## SINCE 1974, WE HAVE BEEN A LEADING MANUFACTURER OF RELIABLE AND EFFICIENT ELECTRICAL PRODUCTS AND A TRUSTED PROVIDER OF SUSTAINABLE END-TO-END ENERGY SOLUTIONS.

With over 50 years of dedicated expertise, we act as your trusted global partner in meeting the challenges of the evolving energy landscape. With our two core business lines, Manufacturing & Contracting, we advocate for sustainable, reliable and global energy access.

**35+**
COUNTRIES

**50+**
YEARS IN THE FIELD

**300+**
TURNKEY PROJECTS

**600+**
EMPLOYEES

**10,000**
MVA PRODUCTION CAPACITY

# OUR STORY

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

**For more than 50 years, we have been at the forefront of delivering reliable electrical products and sustainable energy solutions.**

**Since our founding in 1974, we have built a reputation as a trusted global partner in the energy sector. Our expertise relies on the development of cutting-edge electrical solutions, ensuring efficiency, sustainability, and reliability in every product we manufacture and every customized engineering & contracting service we provide.**

**We are committed to continuing to shape the future of energy, empowering nations, businesses and communities across Europe, the Middle East, and Africa.**

We are a forward-thinking company powered by two dynamic divisions. Our Industrial Division sets the standard in manufacturing best-in-class distribution and power transformers up to 125 MVA/245kV, advanced switchgear, package substations, mobile substations, and cutting-edge control and protection systems. Our Engineering & Contracting Division excels in delivering turnkey solutions for power plants and VHV/HV AIS, GIS mobile, and modular substations up to 400kV. Together, our experts collaborate with industry leaders to build reliable, efficient, and sustainable power infrastructure that drives progress and meets tomorrow’s energy demands.

Our growing network of factories, affiliates, and state-of-the-art production machinery ensures the supply of the highest-quality products and services, and our modern IT systems help us closely monitor, evaluate, and oversee our operations from start to finish.

Throughout the years, we have increased our manufacturing capacity through the acquisition or participation in various factories across Europe, Africa, and the Middle East: Electrical Equipment Industries Co. (ELICO) in Jordan, International Transformers Matelec (ITM) in Egypt, Transfo Matelec in France and Entreprise Algérienne des Équipements de Transformation et de Distribution Électrique SPA (EDIEL SPA) in Algeria.

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”**

## TRANSFORMING LIVES

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

## STRENGTHENING NATIONS

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.

## PROTECTING THE PLANET

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's**

**1987** Development of the Engineering and Contracting division dedicated to the realization of complex HV, MV and LV projects.

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

**1990's**

**1999** Establishment of ITM in Egypt for the manufacturing of distribution transfomers.

**1998** Realization of the first HV Gas Insulated Substation.

**1996** Achieved our first ISO 9001 certification, a milestone in quality excellence, making us the first company to receive it in Lebanon.

**1994** Realization of the first HV Air Insulated Substation project.

**1992** Establishment of ELICO in Jordan, in association with the Jordan Electrical Sector, for the manufacturing of distribution transformers and package substations.

**2000's**

**2009** Acquisition of Ediel in Algeria, a company specialized in the manufacturing of prefabricated packaged substations and MV/LV switchboards.

**2007** Execution of the first turnkey thermal power plant project and the realization of the first 400kV AIS substation.

**2006** Realization of the first 300kV AIS substation project.

**2002** Development of first mobile substation unit.

**2000** Establishment of Transfo Matelec in France for the manufacturing of distribution transformers.

**2010's**

**2016** Realization of the first 400kV GIS substation project.

**2011** Inauguration of the power transformer manufacturing plant.

**2020's**

**2025** Matelec Italia awarded both ISO 9001 and ISO 14001 certifications, reinforcing our commitment to quality and environmental management.

**2024** Expansion of the power transformer factory.

**2023** Engagement in the UN Global Compact, with a commitment to align with UN principles and report annually on selected Sustainable Development Goals (SDGs).

**2022** Launch of Matelec's ESG strategy, reinforcing our commitment to sustainable and responsible practices.

# 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

| TOTAL STAFF | MANUFACTURING FACILITY | HEAD OFFICE |
|---|---|---|
| 635 | 439 | 186 |

# 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 |
|---|---|---|---|
| Distribution Transformers | x | x | x |
| Power Transformers (step up/step down) | x | x | x |
| Medium Voltage Switchgear | x | x | x |
| Low Voltage Switchboards | x | x | x |
| MV/LV Prefabricated Substations | x | x | x |
| Control & Protection Panels | x | x | x |
| HV/MV Turnkey Substations | x | | x |
| Mobile Substations | x | | |
| E-House | x | | x |
| Step-up Transformers for Inverters | | | 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 accross 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 3150kVA |
| Voltage | Up to 36kV |
| 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 125MVA |
| Voltage | Up to 245kV |
| 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, 000MVA

## 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 have 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 $CO_2$ 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 6,300A. They are designed and manufactured according to the specific requirement 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 24kV insulation level and 1250A current rating.

| METAL-ENCLOSED TYPE (LSC2A AIS) | |
|---|---|
| Rated Current | Up to 1250A |
| Rated Voltage | Up to 24kV |
| 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 24kV insulation level and 3600A current rating.

| METAL-CLAD TYPE (LSC2B AIS) | |
|---|---|
| Rated Current | Up to 3600A |
| Rated Voltage | Up to 24kV |
| 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 2500kVA up to 36kV |

| 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 2000kVA up to 36kV |

## 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 north of 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
- Reduce 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 & 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

Matelec has been building electrical substations since 1987, when it launched its Engineering and Contracting Division. Since then, we have successfully commissioned over 150 Air Insulated and Gas Insulated Substations (AIS/GIS) across the Middle East and Africa.

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 |
|---|---|---|---|---|
| 330/132/33kV Substation of Ganmo (Ilorin) & 330/132/33kV Substation extension of Ayede | Nigeria | Niger Delta Power Holding Company of Nigeria | 2010 & 2012 | 330/132/33kV & 330/132/33kV |
| 220/60kV GIS Substation of Illiten 2 - 2x120MVA | Algeria | Sonelgaz | 2014 | 220/60kV, 2x120MVA |
| 400/220kV GIS Substation of El Oued | Algeria | Sonelgaz | 2016 | 400/220kV |
| 400/220/31.5kV 3x300MVA Substation of Cheffia at Koudiet Draouch | Algeria | Sonelgaz | 2017 | 400/220/31.5kV 3x300MVA |
| 220kV Gaz Insulated Switchgear Substation of Achrafieh, Dahieh & Bahsas | Lebanon | Ministry of Energy & Water | 2017 | 220/20-11kV & 220/20-15kV |
| Lot 3, Procurement of Design, Supply and Construction 132/33kV GIS (Al Chibaish, Al Batahaa, Al Matahana & Al Itarat) | Iraq | Ministry of Electricity Iraq | 2022 | 132/33kV |
| Phase 2 lot 2- Ramadi & Tikrit 132/33kV & 33/11kV GIS Substations | Iraq | Ministry of Electricity Iraq | 2024 | 132/33kV |


W2-2-R
W2-2-S
W2-2-T

## 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 509MW, 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 |
|---|---|---|
| Tutuka Power | 8 MW | South Africa |
| Gorou Banda Power | 20 MW | Niger |
| Kounoune Power | 67 MW | Senegal |
| Thika Power | 87 MW | Kenya |
| Sirakoro Power | 100 MW | Mali |
| Tobene Power | 115 MW | Senegal |
| Malicounda Power | 120 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 635 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.**

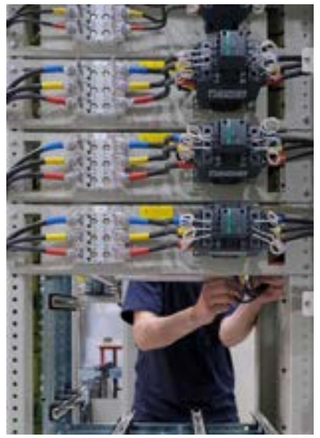
## OUR IN-HOUSE PRODUCTION WORKSHOPS

At Matelec, we uphold our core values of excellence, agility, responsibility, and innovation in every aspect of our operations. Our commitment to excellence drives us to produce electrical products of the highest quality, while our agility enables us to swiftly adapt to evolving market demands. We are deeply committed to both our clients and the environment, striving to create sustainable solutions that make a real impact. Our relentless focus on innovation empowers us to lead the way in technological advancements, ensuring we stay ahead in the ever-evolving manufacturing sector.

**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 EXELLENCE & 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 epitomizes 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.

ISO 9001 ISO 14001 ISO 45001

# 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.

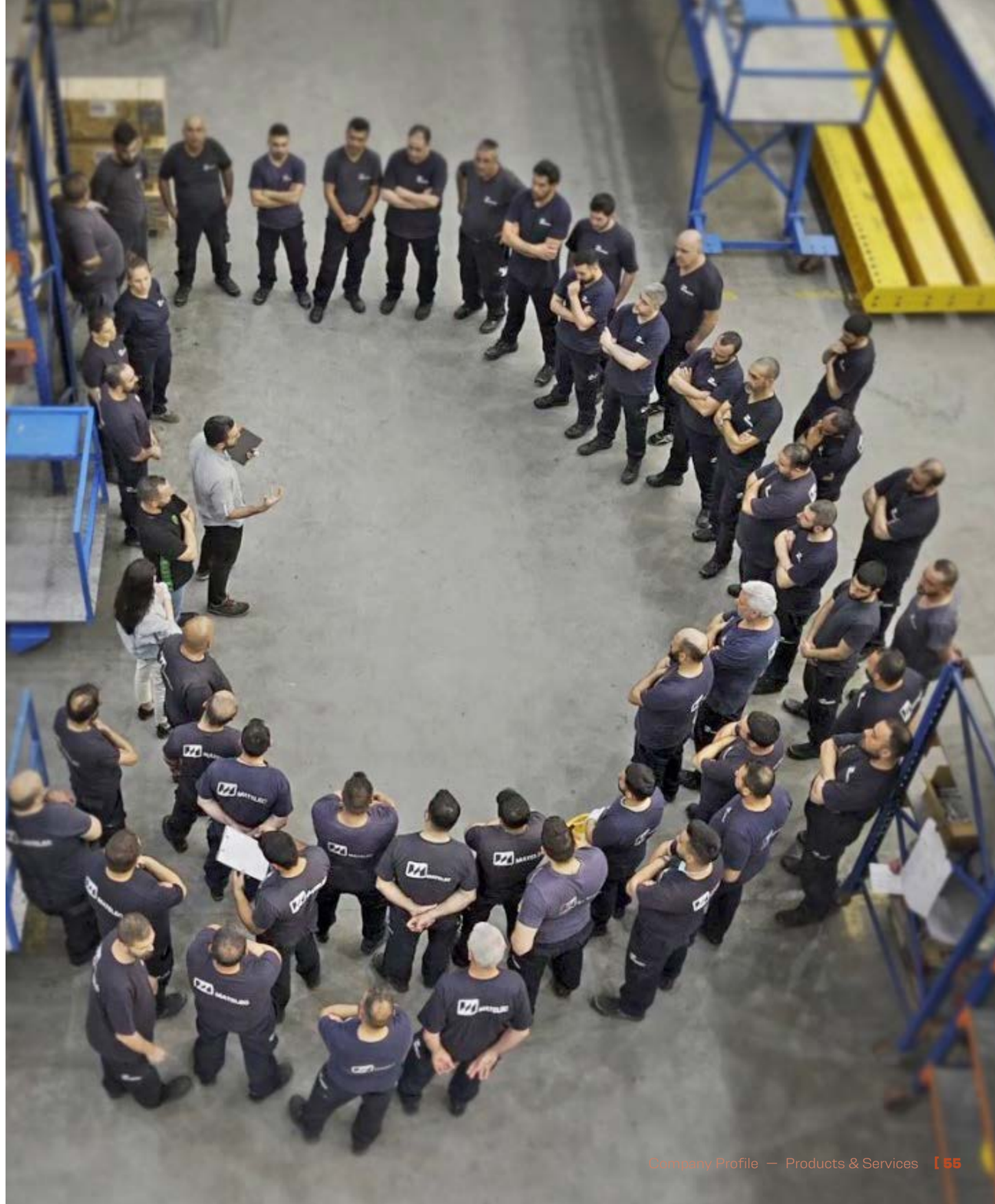
2. **Health & Safety Culture**
   Our company fosters a strong, proactive health and safety culture that encourages continuous improvement and personal responsibility. Safety is embedded in every aspect of our operations, and we believe that a safety-first mindset leads to a healthier, more productive,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

Photo © Marios Noujaim

# 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.

| 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 | Resource optimization and consumption |  |
| | | Design and produce a "Green transformer" designed for sustainability | 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, SAUDI ARABIA, EGYPT, JORDAN, AND ALGERIA.

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## INDUSTRIAL AFFILIATES

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

**EGYPT |** International Transformers Matelec (ITM)

**FRANCE |** Transfo Matelec

**ITALY |** Matelec Italia

**JORDAN |** Electrical Equipment Industries Co (ELICO LTD).