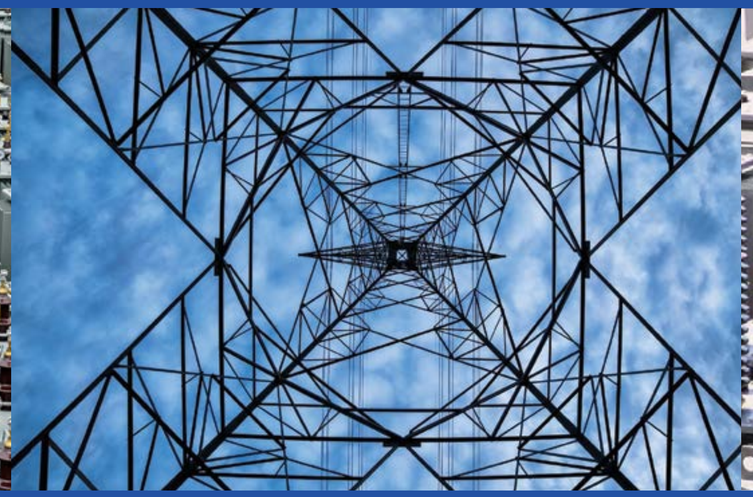
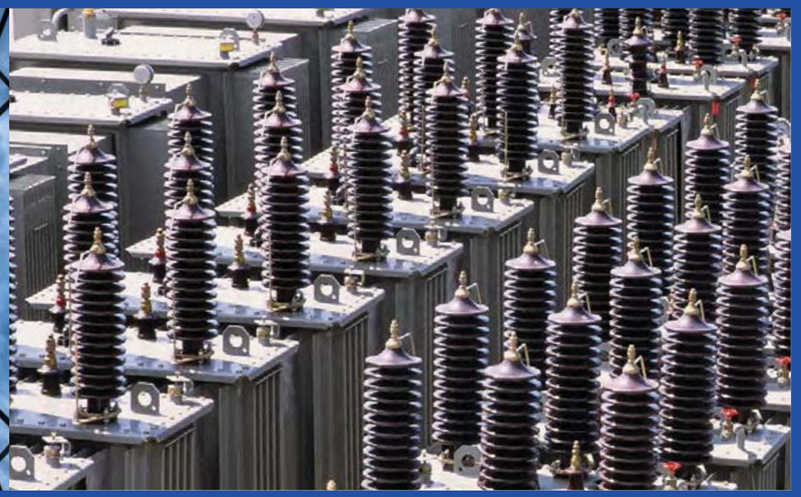
Company Profile

POWER IS OUR BUSINESS





MATELEC GROUP

Empowering communities to grow sustainably through innovative energy solutions

Matelec in Numbers

5

Countries

46+

Years of Experience

600+

Highly skilled engineers and technicians

350+

Million USD
Total assets

Letter from our CEO

Since 1974, Matelec has been manufacturing quality electrical products and offering power infrastructure contracting services by developing personalized relationships with its clients and fulfilling its commitments even in difficult and challenging environments.

The company's greatest asset is our personnel composed of highly qualified engineers and a highly skilled labor force. Our team of experts enables our firm to develop affordable, tailor-made and innovative electrical solutions that meet the client's objectives and needs.

Over the years, Matelec has fostered a positive working environment by developing a strong corporate culture defined by the company's core values: Respect, integrity, equality, teamwork, collaboration, accountability, commitment to excellence and dedication to environmental and social sustainability.

We take pride in ensuring that our factories and affiliates are at the forefront of technology to guarantee that our products are of the highest quality. This includes investing in state-of-the-art machineries that improve productivity, efficiency and accuracy as well as integrating cutting-edge ERP systems to closely monitor, supervise and oversee our operations.

Matelec currently exports electrical products and executes complex turn-key power infrastructure projects in more than 20 countries in Africa, Europe and the Middle East. Our goal is to expand our global presence by penetrating new markets in various geographies and have a positive impact on the economies and societies we collaborate with.

We are confident that our corporate strategy will lead to a stronger collaboration with our stakeholders in order to reach our common objectives.

We look forward to working with you!

Sami Soughayar
CEO

Succesful business begins with developing personalized relationships with our customers.

About Matelec

Matelec was founded in 1974 as a distribution transformer manufacturer and has since grown into a high quality manufacturer of diverse electrical equipment and an important contractor of power infrastructure in Europe, Africa and the Middle East.

Within its first decade of operation, Matelec expanded its product mix to include switchgear, package substations, and control and protection systems. In this same period, the company also launched its engineering and contracting activities through the realization of complex HV, MV and LV projects.

Throughout the years, Matelec increased its 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, Entreprise algérienne des équipements de transformation et de distribution électrique SPA (EDIEL SPA) in Algeria and Saudi Matelec in Saudi Arabia.

To optimize its global business portfolio, Matelec is further exploring other geographic deployments and business ventures across these regions.

History

1974
Establishment of Matelec SAL in Lebanon for the manufacturing of distribution transfomers

1980
Launched production of medium voltage switchgear, low voltage switcboards, package prefabricated outdoor substations, control and protection systems

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

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

1994
Realization of first HV Air Insulated Substation project: Jamhour & Bsalim, Lebanon

1996
Awarded ISO 9001 quality management certificate

1998
Realization of first HV Gas Insulated Substation project: Beirut, Lebanon

1999
Establishment of ITM in Egypt for the manufacturing of distribution transformers

2000
Establishment of Transfo Matelec in France, through the merger of Obtec and Matelec, for the manufacturing of distribution transformers

2002
Development of first mobile substation unit

2005
Increased distribution transformers manufacturing capacity to 8,000/year

2006
Realization of first > 300kV AIS substation project: Ganmo, Nigeria

2007
Realization of first thermal power plant project in partnership with Mitsubishi Heavy Industries: Dakar, Senegal

History

2007
Realization of first 400kV AIS substation project: Cheffia, Algeria

2008
Increased distribution transformers manufacturing capacity to 18,000/year

2009
Acquisition of Ediel in Algeria, a factory manufacturing MV package substations, MV and LV panels

2010
Certification of Matelec's Environmental, Health and Safety management systems according to ISO 14001:2004 and OHSAS 18001:2007

2011
Inauguration of power transformer manufacturing plant with capacity to produce 100 units/year up to 120MVA and 225kV.

2014
Construction and commissioning of 87MW Thika Power Plant in Kenya

2014
Awarded the Lebanese Excellence Award (LEA) by the Ministry of Economy and Trade

2016
Realization of first 400kV GIS substation project: El Oued, Algeria

2016
Establishment of Saudi Matelec in Saudi Arabia for the manufacturing of distribution transformers

2016
Construction and commissioning of 115MW Tobene Power Plant in Senegal

2016
Accreditation of the calibration laboratory according to ISO 17025

2019
Awarded ISO 45001-2018, Occupational Health and Safety certification

2021-2022
Ongoing projects :

- Construction and commissioning of 100 MW power plant at Sirakoro-Bamako in Republic of Mali
- Construction and Commissioning of 135MW Malicounda Power Plant in Senegal
- Extension of 20 MW power plant at Gorou Banda in Niger
- Construction of seven 132/33kV GIS substations in Iraq

Organization

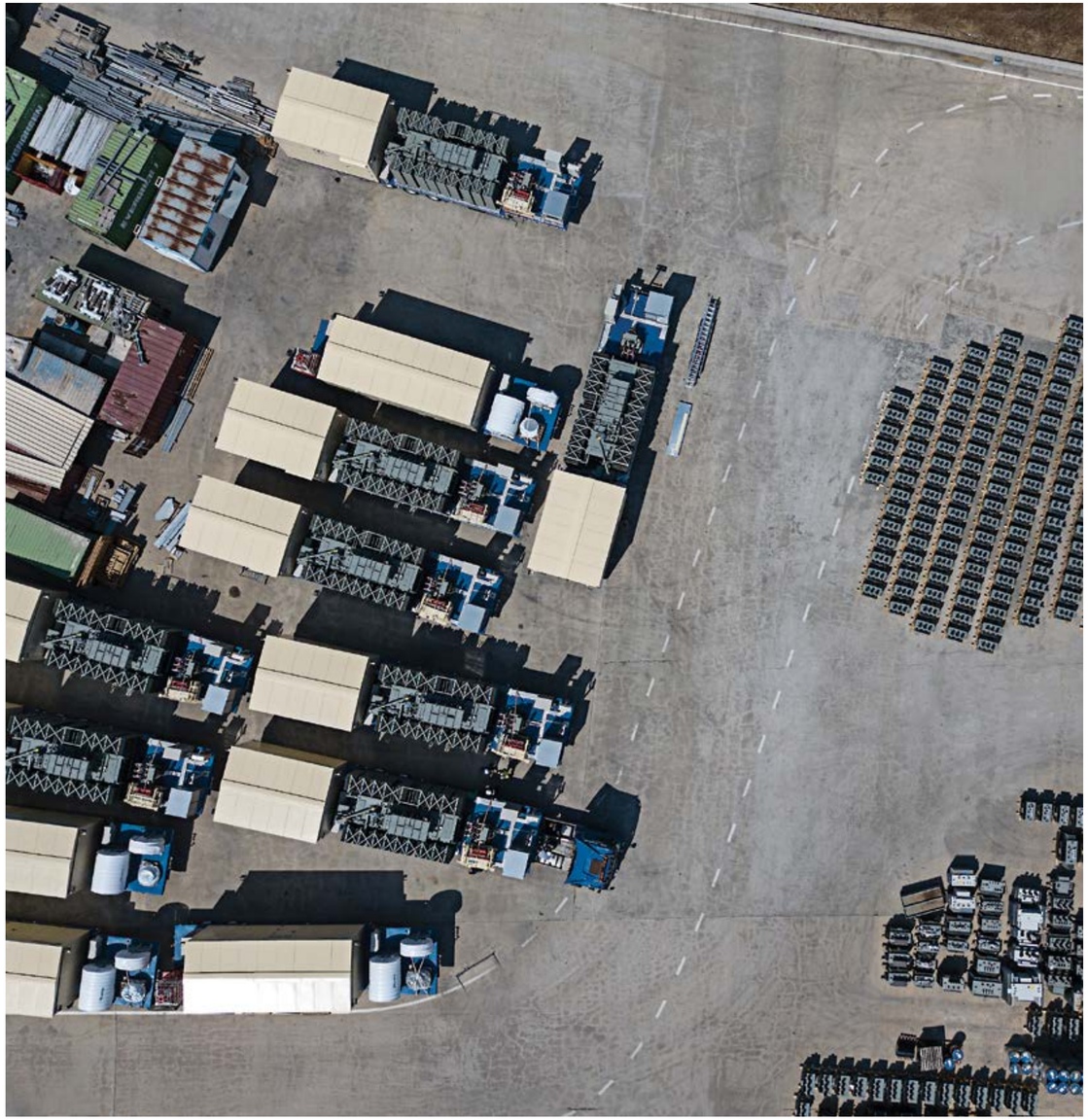
Matelec SAL consists of 3 main divisions:

1- **The Industrial Division** which manufactures distribution transformers, power transformers, switchgear, panel boards, package substations, and mobile substations.
2- **The Engineering and Contracting Division** which designs and executes turnkey projects including MV and HV substations, thermal power plants and transmission lines.
3- **The Business Development Division** which is in charge of identifying and penetrating new markets for the company.

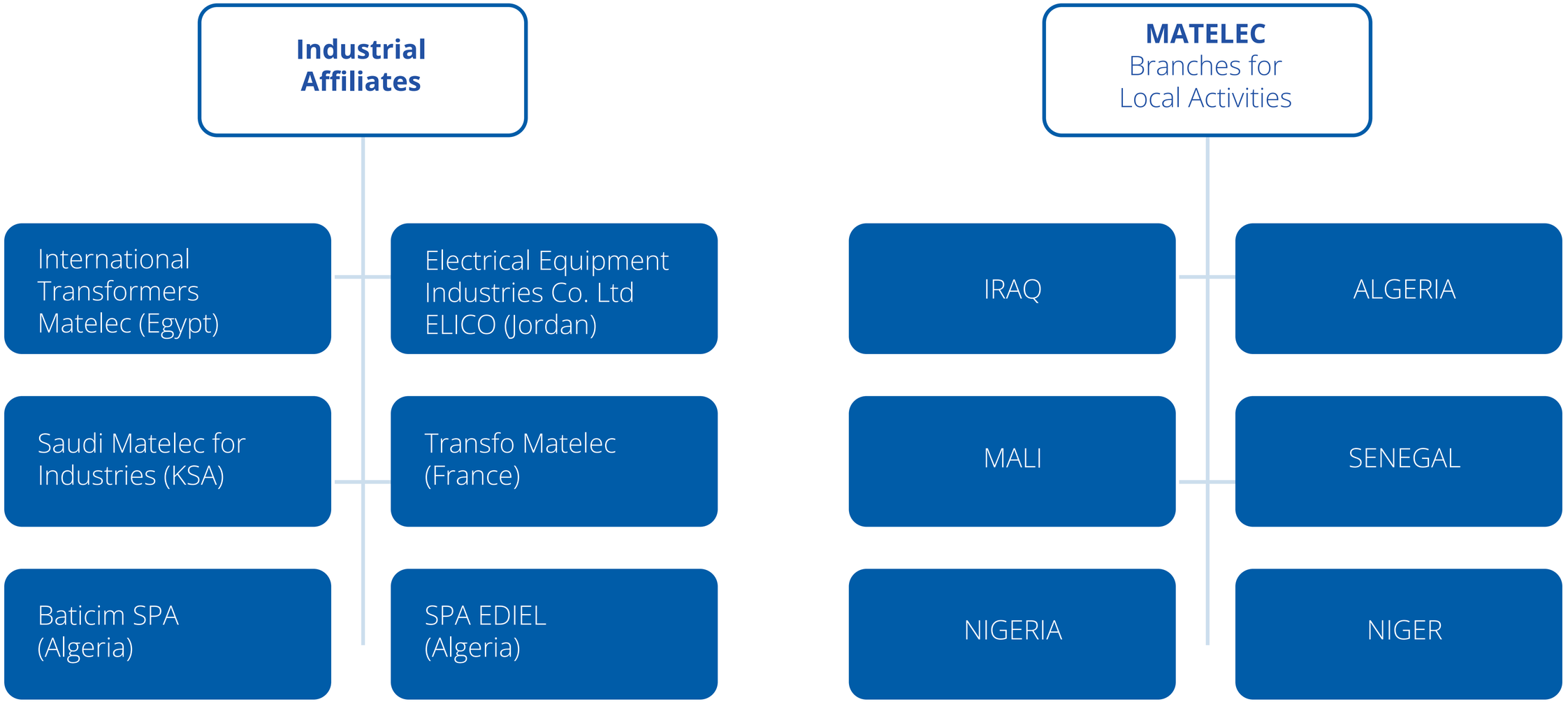
In an effort to optimize its operation across its various subsidiaries, Matelec SAL has centralized activities such as marketing, design, engineering and procurement at its headquarters in Amchit, Lebanon. The headquarters is spread across an area of 215,000 m^2 including 55,000 m^2 of offices, warehouses and workshops.

The manufacturing activities are backed by a network of factories deployed in Lebanon, Jordan, Egypt France, Algeria and Saudi Arabia dedicated to the service of their regional markets.

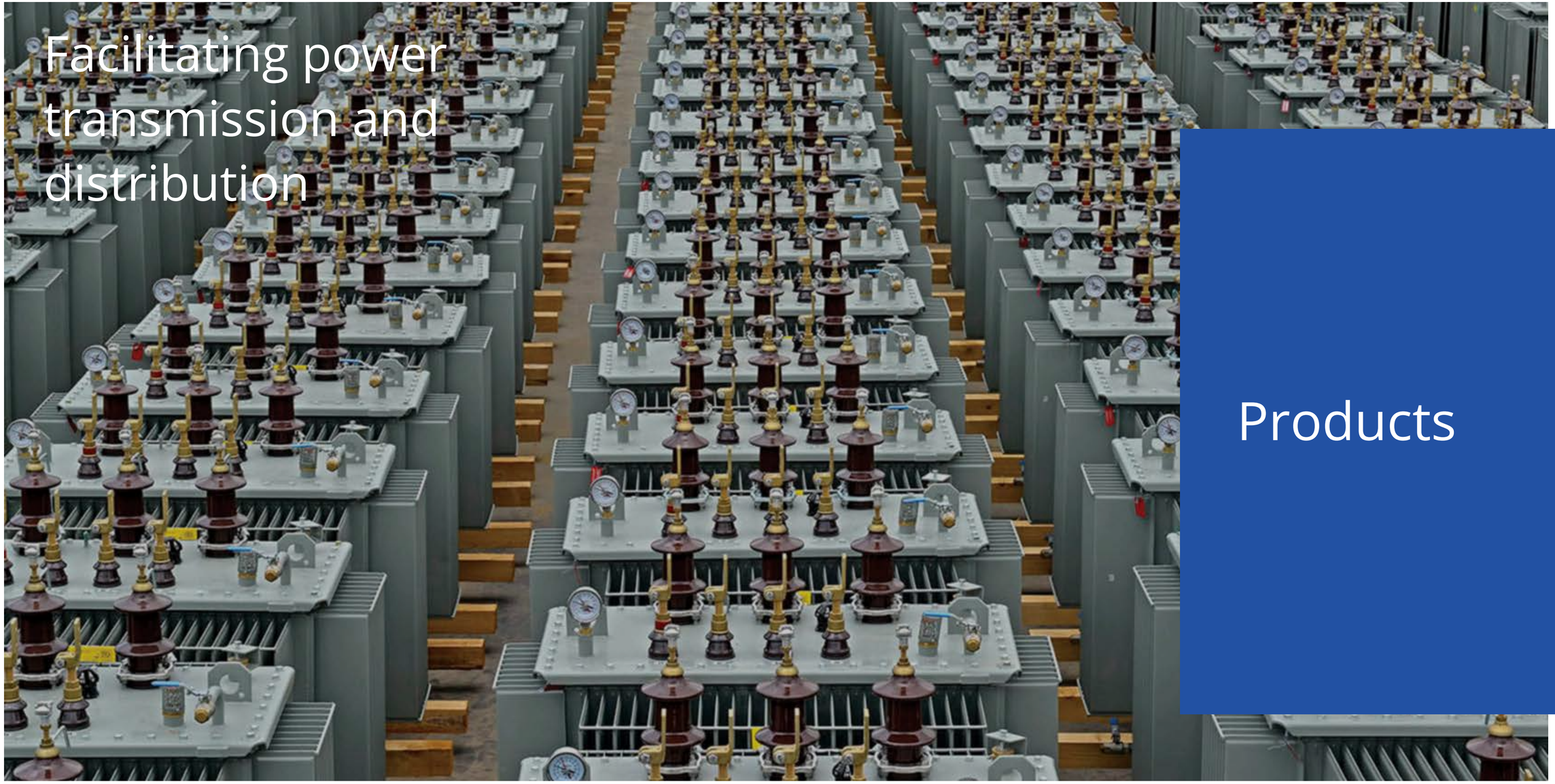
Finally, the Group maintains satellite offices in other key markets for the purpose of project management and business development.



Group Chart


Industrial Affiliates
International Transformers Matelec (Egypt)
Electrical Equipment Industries Co. Ltd ELICO (Jordan)
Saudi Matelec for Industries (KSA)
Transfo Matelec (France)
Baticim SPA (Algeria)
SPA EDIEL (Algeria)
MATELEC Branches for Local Activities
IRAQ
ALGERIA
MALI
SENEGAL
NIGERIA
NIGER

Organizational Chart



Products

Distribution Products

Matelec's Industrial Division manufactures a wide array of standard and specialized electric products including distribution and power transformers, package substations, switchgear, panel boards and switchboards.

Our products are all fully designed in-house by our competent engineers and certified by highly respected independent testing laboratories such as KEMA , CESI and EDF. We pride ourselves in providing high quality affordable solutions to our clients in Europe, the Middle East and Africa. Our customers include public utilities and private sector companies.

Distribution Transformers

Manufactured since 1974, Matelec's three-phase distribution transformers are designed and tested to facilitate installation, minimize maintenance and ensure longevity. Our flexibility and versatility allows us to offer customized solutions to meet specific and unique customer requirements within a short period of time.

Matelec's annual production capacity stands at 18,000 (10,500MVA) units/year.

Liquid Immersed Distribution Transformers	
Capacity	50kVA to 3150kVA
Voltage	Up to 36kV
Standards	IEC 60076
Type of liquid	Mineral Oil

Package Substations

Matelec's package substations are pre-fabricated 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, easy to install metallic kiosks are utilized to expand and stabilize the MV/LV network.

Matelec's annual production capacity stands at 1,200 units/year.

Metallic House or Skid Base	
Type	Steel or Aluminum including three compartments (MV, LV, Transformer) Option: Thermal insulation
Medium Voltage	SF6 Ring Main Unit or Modular units switchgears (Air or SF6 puffered)
Low Voltage	Included in a separate compartment Designed according to customer requirements
Transformer	50kVA to 2500kVA Up to 36kV (up to 24 kV for the skid type)

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	50kVA to 1000kVA up to 24kV

Medium Voltage Switchgear

Matelec manufactures 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.

Matelec's annual production capacity stands at 2,800 units/year.

Types of MV Switchgear include

Metal-Enclosed for secondary distribution
The SM6 range manufactured under License from Schneider Electric France 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-Clad for primary distribution
The SIMOPRIME range manufactured under License from Siemens Germany includes air insulated bus bars and withdrawable vacuum insulated circuit breakers. The range covers up to 24kV insulation level and 2500A current rating.

Metal-enclosed type	
Rated Current	Up to 1250A
Rated Voltage	Up to 24kV
Standards	IEC 60298 / IEC 62271

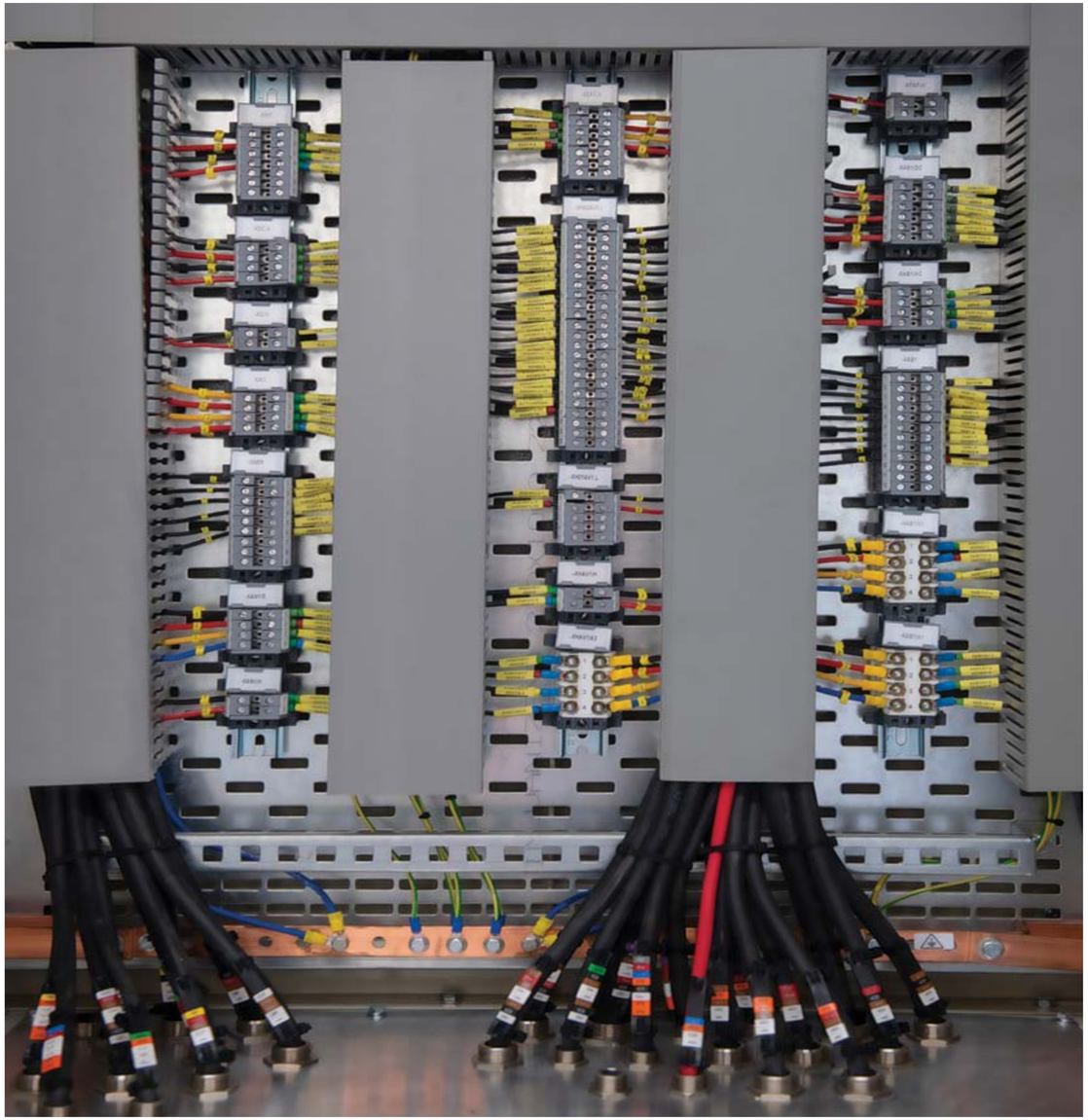
Metal-clad type	
Rated Current	Up to 3600A
Rated Voltage	Up to 24kV
Standards	IEC 60298 / IEC 6227162271

SIMOPRIME Switchgear					
Rated voltage	KV	7.2	12	17.5	24
Rated frequency	HZ	50/60	50/60	50/60	50/60
Rated short-duration power frequency withstand voltage	KV	20 1)	28 1)	38	50
Rated lightning impulse withstand voltage	KV	60	75 3)	95	125
Rated short-time withstand current in 3s.	KA	40	40	40	25
Rated peak withstand current at 50/60 Hz	KA	100/104	100/104	100/104	63
Rated short-circuit breaking current	KA	40	40	40	25
Rated short-circuit making current at 50/60	KA	100/104	100/104	100/104	63
Rated normal current of busbar	A	3.600	3.600	3.600	2.500
Rated normal current of feeders - with circuit breaker - with vaccum contactor - with load break switch	 A A	 3.600 400 2) as per fuse	 3.600 400 2) as per fuse	 3.600 – as per fuse	 2.500 – as per fuse

Low Voltage Switchboards

Matelec's low-voltage switchobards 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.

Matelec's annual production capacity stands at 1,200 units/year.



Control and Protection for HV Substations

Matelec produces control panels (extensible mimic or numerical type), protection panel boards, Programmable Logic Controllers (PLCs) integrated panels for synchronization and automation 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.

Matelec's annual production capacity stands at 400 units/year.

Power Transformers

Power Transformers are critical for the successful transmission and distribution of electricity and play a vital role in the performance and stability of the power network. Due to its wide range of potential functions on the grid, power transformers are always designed and manufactured in accordance to every client's unique needs and requirements.

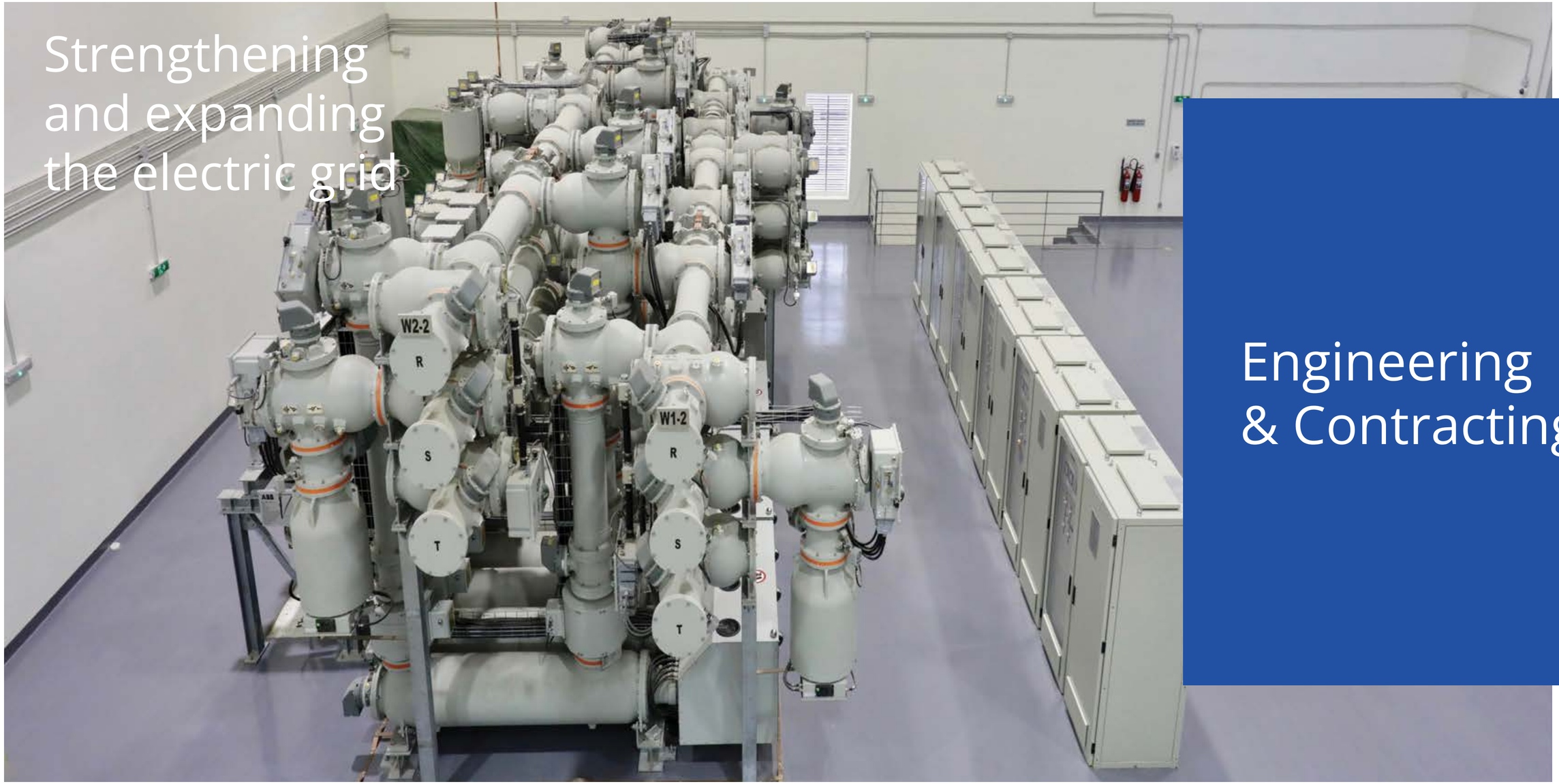
Based on its extensive experience in manufacturing electrical products, Matelec developed its own brand and competitive concept for power transformers with ceilings of 245 kV in rated voltage and 125 MVA in rated power. The factory's production capacity stands at 200 units/year (5,000 MVA)

Our designs are in full compliance with the International Electro-technical Commission (IEC) and can be adapted to any other standard and/or to special client specifications. Our engineers are supported by proven modern computer softwares providing winding optimization, magnetic and electrical field plots and 3D short circuit stress calculations. Furthermore, our designs are guided by an integrated in-house developed program which yields all the required technical drawings.

Built in 2011, the power transformer factory is a state-of-the-art production facility equipped with cranes capable of lifting 150T up to 10m in height and includes a pressurized winding shop to prevent dust from entering the area, a special air cushion surface to facilitate transformer movement, a faraday cage to isolate the testing platform and the latest generation of production machines.

Raw materials are sourced from reputed international suppliers in strict accordance with ISO 9001. In addition to assuring perfect traceability, Matelec's quality management system ensures that our transformers are designed and manufactured according to the utmost standards and hence meet the very high expectations that we have set ourselves and that our clients have become accustomed to.

Liquid Immersed Distribution Transformers	
Capacity	3150kVA to 120MVA
Voltage	Up to 245kV
Standards	IEC 60076
Type of Liquid	mineral, synthetic or natural ester oil



Strengthening and expanding the electric grid

Engineering & Contracting

The Engineering and Contracting Division

Matelec's Engineering and Contracting division was created to undertake the Engineering, Procurement and Construction (EPC) of power infrastructure projects such as thermal power plants, HV/MV substations and transmission lines. Our company collaborates with some of the biggest names 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 ensure 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 aftersales services, the company stands ready to intervene within 24h when called upon.

Current and recent projects are located in various countries across the Middle East and Africa. These include: Senegal, Mali, Niger, Kenya, Nigeria, Ghana Algeria, Iraq, Lebanon, Egypt, Saudi Arabia and the UAE amongst others.

EPC services include but are not limited to

- Design and Engineering (electrical, mechanical and civil)
- Appraisal and reengineering when required
- Project Management
- Supply of equipment
- Design and supply of control/protection/ telecommunication and LV systems
- Installation, testing and commissioning
- Civil works
- Training of customer staff
- Complete servicing, 24/7 operation and maintenance
- Independent consultancies/engineering assignments

Power Plants

Since 2005, Matelec has been a leading EPC (Engineering, Procurement and Construction) contractor for thermal power plants. The company has successfully commissioned a total of 275+MW and has currently 240MW under construction. Through its projects, Matelec has developed important working relationships with top manufacturers such as MAN Diesel, Wartsila and Mitsubishi. Our clients include both the private sector, through IPP projects, and public utilities.

Power Plant Projects	Capacity	Country	Status
Kounoune Power	67 MW	Senegal	Completed
Tutuka Power	8 MW	South Africa	Completed
Thika Power	87 MW	Kenya	Completed
Tobene Power	115 MW	Senegal	Completed
Sirakoro Power	100 MW	Mali	Under Construction
Malicounda Power	120 MW	Senegal	Under Construction
Gorou Banda Power	20 MW	Niger	Under Construction

AIS/GIS Substations

Matelec has been building electrical substations since 1987 when it launched its Engineering and Contracting Division. The company has since then successfully commissioned 150+ Air Insulated and Gas Insulated Substations (AIS/GIS) across the Middle East and Africa. Through its projects Matelec has developed important working relationships with top HV equipment manufacturers such as ABB, Siemens and Schneider Electric. Our clients are mostly Ministries and public utilities but sometimes include private projects. A small sample of Matelec's completed projects can be found below:

Substation Projects	Voltage	Power	Type	Country
Ganmo Substation	330/132/33 kV	2x150MVA and 2x60MVA	AIS	Nigeria
City Centre Substation in Sulaimaniyah	132/33/11 kV	3 x 63 MVA	GIS	Iraq- Kurdistan
Cheffia Substation	400/220/31.5 kV	3 x 300 MVA	AIS	Algeria
Achrafieh, Dahieh & Bahsas Subsations	220/20-11 kV and 220/20-15kV	5 x 70 MVA and 2x70MVA	GIS	Lebanon
El Oued Substation	400/220 kV	3 x 300 MVA	GIS	Algeria

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. These 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 factory in Amchit. Matelec SAL has delivered north of 150 mobile substations across the Middle East and Africa.

Features

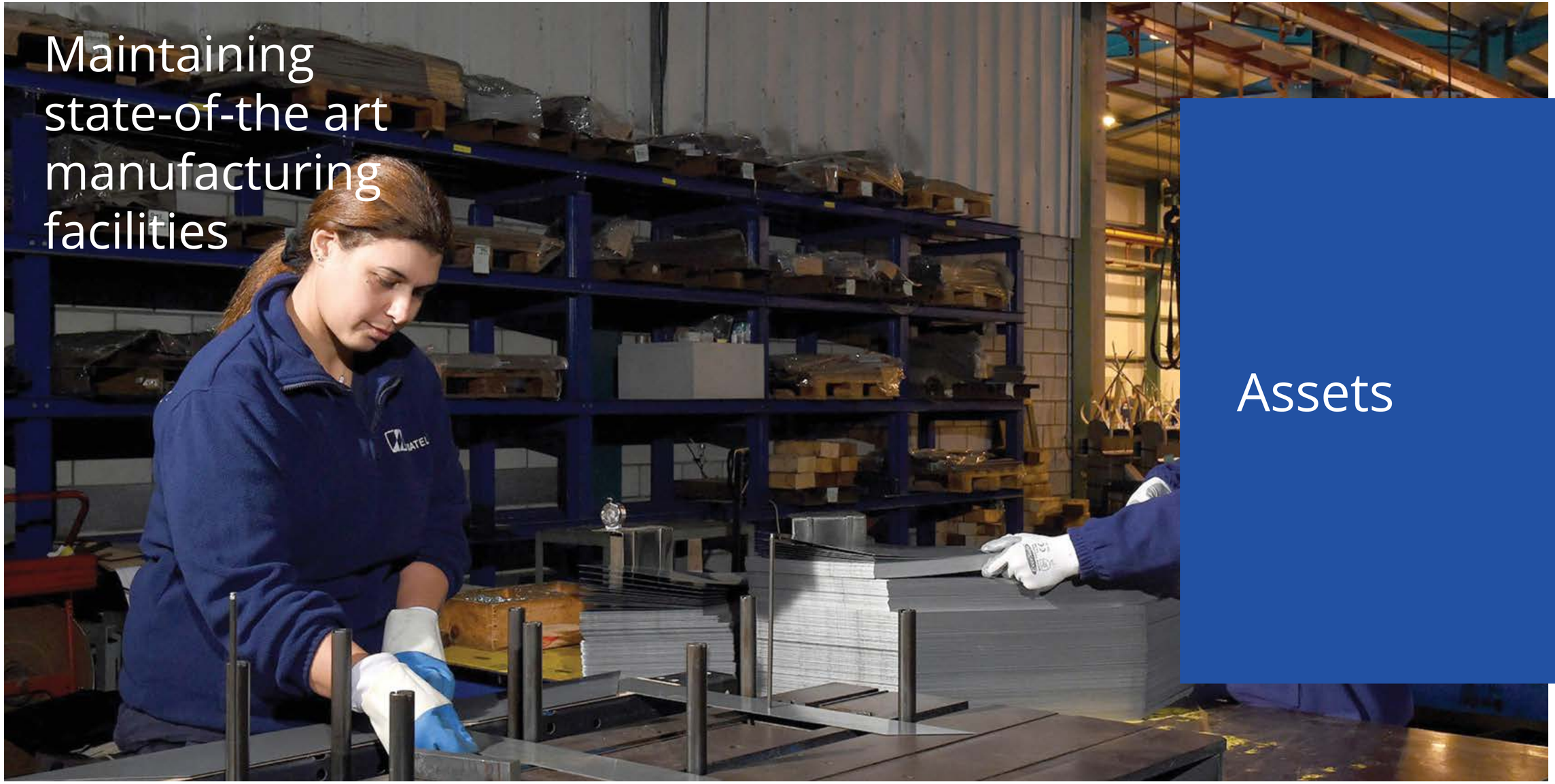
- Short delivery time
- Easy to operate, highly reliable and flexible
- Low space requirement leading to savings from land acquisition
- Rapid interconnection and integration to the grid

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
- Extendibility: Easy to expand and to connect to existing substations
- Superior control through SCADA, two way communication and plug-in control cables



Assets

Our Team

Matelec employs approximately 600 technically savvy individuals and has the capacity to mobilize more than 500 people for contracting projects.

Our accomplished and experienced engineers are recognized for their commitment to quality, innovation and customer satisfaction. They are highly responsive and flexible enabling them to provide top standard and custom made solutions in a short period of time. Our factory personnel are continuously trained to ensure the application of the highest standards of workmanship in our industry. In-house and external workshops are carried out regularly to educate our staff about the latest manufacturing processes and technology developments.

A key attribute of our workforce is the ability to rapidly gather engineering, purchasing and manufacturing resources and closely coordinate efforts and activities across departments to ensure swift and efficient product turnover.

Matelec has created a technically stimulating and family oriented working environment that encourages multiple career paths and offers opportunities to professionally evolve. Furthermore, the company provides attractive benefits packages to recruit and retain key staff members in order to maintain its strong competitive edge.

Matelec's employees are the drivers of change and inanovation at the heart of the firm. New and constructive initiatives designed to improve the company's performance, working environment or staff well-being are welcomed by top management.

Industrial Division Team	
Engineers	36
Draftsmen	5
Technicians	15
Administrative	34
Workers	400

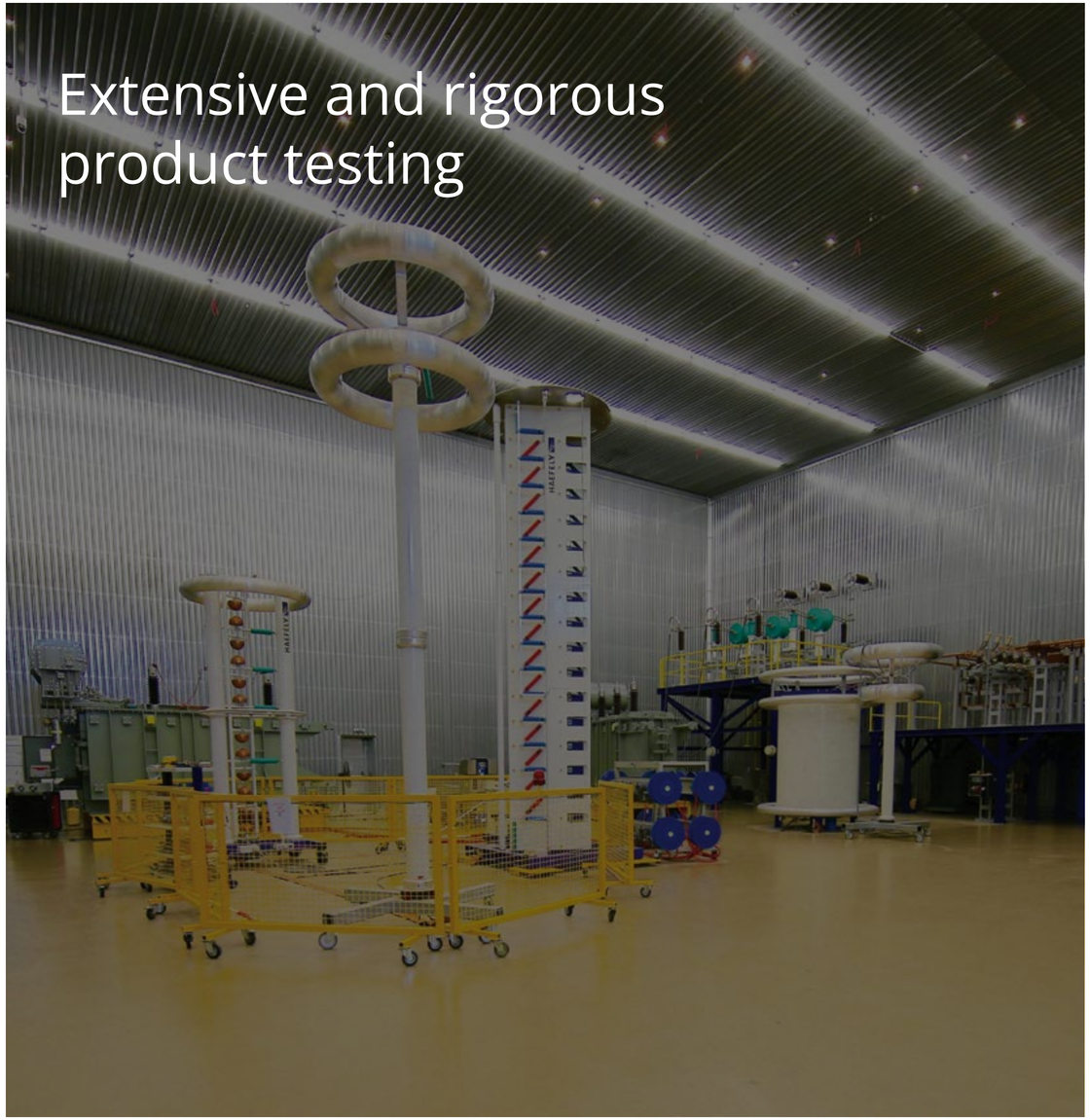
Engineering and Contracting Division Team	
Engineers	50
Draftsmen	6
Technicians	20
Administrative	15

Our Machines

Matelec operates and maintains the latest manufacturing technology and equipment available on the market. The machines are continuously upgraded and renewed to be in-line with the most advanced standards and norms applicable in the industry in order to achieve the company's objective of providing higher efficiency and superior quality products.

The facility is also equipped with industry-approved testing platforms, fitted with high precision class and calibrated instruments, to assess the electrical performance and paint quality of its products. All in-house tests are performed according to IEC and ISO standards.

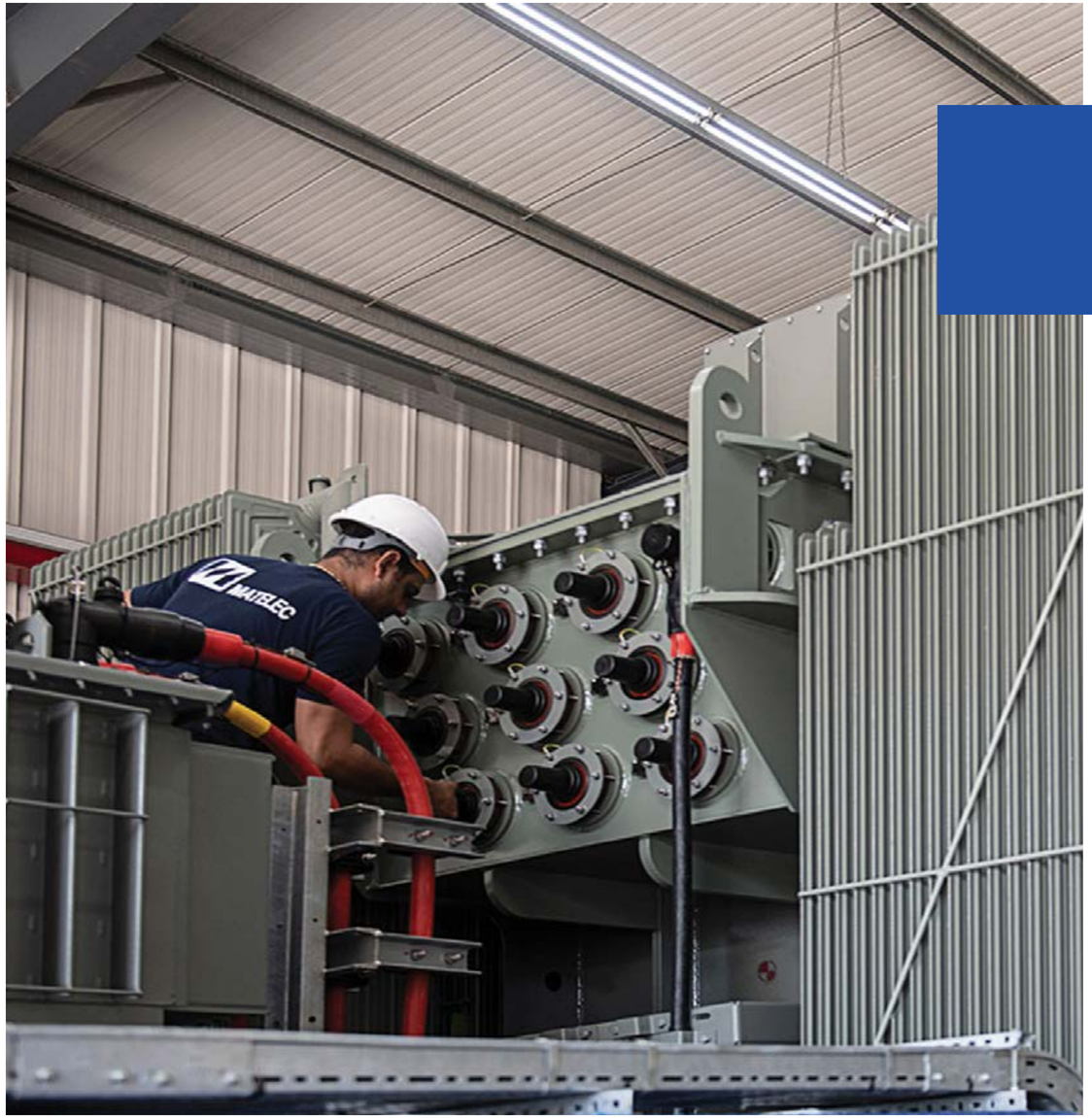
Matelec employs the latest computerized techniques for design, manufacturing, and testing. The company has developed a specialized transformer-design software that is linked to the automated manufacturing machineries (cut-to-length, punching, laser cutting, bending, fin folding, etc.) and testing equipment in the factory. Additionally, a Material Resource Planning (MRP) system is used to continuously and vigilantly monitor all manufacturing activities and production progress. Other computer controlled activities include product testing, data gathering, plate engraving and electronic test reporting. These computerized and automated systems result in higher quality products, minimal production lead times and improved manufacturing efficiency.



Laboratories and testing

Matelec's continuous Quality Control Program (QCP) is designed to flag any potential product defect that may result from a rare engineering or manufacturing flaw.

This QCP is in effect during all phases of production: preliminary tests are first conducted to ensure quality and conformity to design and final tests are then conducted on end-products to guarantee the satisfactory performance of manufactured goods. All tests are performed in according to IEC and ISO standards and results are constantly reviewed and scrutinized by our engineers.



Product Testing

Transformers

I- Routine tests

a- Measurement of winding resistance (IEC 60076-1 par. 10.2).
b- Measurement of voltage ratio and check of phase displacement (IEC 60076-1 par.10.3).
c- Measurement of short-circuit impedance and load loss (IEC 60076-1 par. 10.4).
d- Measurement of no-load loss and current (IEC 60076-1 par. 10.5).
e- Dielectric routine tests (IEC 60076-3).
f- Tests on on-load tap-changers, where appropriate (IEC 60076-1 par. 10.8).

II- Type tests

a- Temperature-rise test (IEC 60076-2).
b- Dielectric type tests (IEC 60076-3). 20

III- Special tests

a- Dielectric special tests (IEC 60076-3).
b- Determination of capacitances windings-to-earth, and between windings.
c- Determination of transient voltage transfer characteristics.
d- Measurement of zero-sequence impedance(s) on three-phase transformers (IEC 60076-1 par. 10.7).
e- Short-circuit withstand test (IEC 60076-5).
f- Determination of sound levels (IEC 60551).
g- Measurement of the harmonics of the no-load current (IEC 60076-1 par. 10.6).
h- Measurement of power consumed by the fan and oil pump motors.
i- Measurement of insulation resistance to earth of the windings, and/ or measurement of dissipation factor (tan δ) of the insulation system capacitances.
j- Measurement of the level of the partial discharges (which are localized electrical discharges in insulating media of the transformer) test according to IEC 60270

Matelec has laboratories performing electrical tests:

- Laboratory N1 (distribution transformers p to 2500kVA /36kV) : Tests I , II , III-b, III-d, III-f, III-g, III-h, III-i can be executed on this platform. In addition, we are equipped to perform the partial discharges (which are localized electrical discharges in insulating media of the transformer) test according to IEC 60270
- Laboratory N2 (distribution transformers up to 2500kVA /36kV) : Tests I , II , III-b, III-d, III-f, III-g, III-h, III-i can be executed on this platform.
- Laboratory N3 (power transformers up to 40MVA /72.5kV): Tests I , II , III-b, III-d, III-f, III-g, III-h, III-i can be executed on this platform
- Laboratory N4 (power transformers up to 120MVA /245kV): Tests I , II, III-a , III-b, III-d, III-f, III-g, III-h, III-I, III-J can be executed on this platform.

MV Switchgear, MV/LV package substations & LV Panel Boards

The following tests for MV switchgear, MV/LV substations & LV Panel Board are carried out in Laboratory N5:

Routine tests (IEC 62271-202)
- Dielectric test on the HV interconnection
- Voltage withstand tests on auxiliary circuits
- Functional tests
- Wiring verification

Type tests (IEC 62271-202)
- Dielectric tests
- Temperature-rise tests
- Functional tests
- Degree of protection verification

Paint

Our products are first sandblasted and chemically treated resulting in a clean surface before the application of protective coating. A polyester based heat hardened electrostatic powder spray is then used to paint the equipment providing mechanical strength, chemical and anti-corrosion properties to all our products. This coating method is optimal from a health and safety perspective and is environmentally friendly.
Furthermore, the laboratory continuously measures the concentration of all chemicals during the paint process. This prevents any error that may arise from the procedure.

Laboratory N6 (Paint laboratory)

- Minimum paint thickness film (acc ISO 2808) - Specular gloss factor at 60 Deg (acc ISO 2813) - Falling weight test (ISO 6272)
- Erichsen cupping test (ISO 1520)
- Scratch test (Adhesion ISO 2409)
- Bend Test (cylindrical mandrel ISO 1519)
- Salt spray (Fog) test (ISO 9227)

Testing and Certification

Our customers understand the importance of power and distribution transformers on the electric grid and the critical role they play in interconnecting systems that have different rated voltages, from power plants to end users. They rely on Matelec to provide robust solutions to secure their power network.

Our distribution and power transformers are designed to withstand the harshest operational conditions with minimal losses, in line with international standards such as IEC. Our clients demand that a large number of our products be fully tested at independent high-power and high-voltage laboratories such as CESI, KEMA, EDF. These highly respected institutions have countless times certified our distribution and power transformers performance through rigorous routine, type, special and short-circuit tests in line with the customer's national standards or customized specifications.

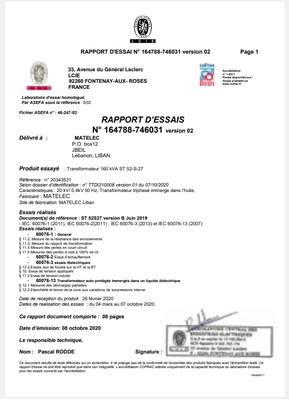
Our MV/LV prefabricated substations, medium-voltage switchgear and low-voltage panels are also assessed at independent high power laboratories where they are subject to normal and faulty conditions that emerge in the real world. These tests, which are performed according to international standards and specific customer requirements, include: internal arc classification, mechanical, degree of protection (IP), dielectric, short circuit and temperature rise effects.

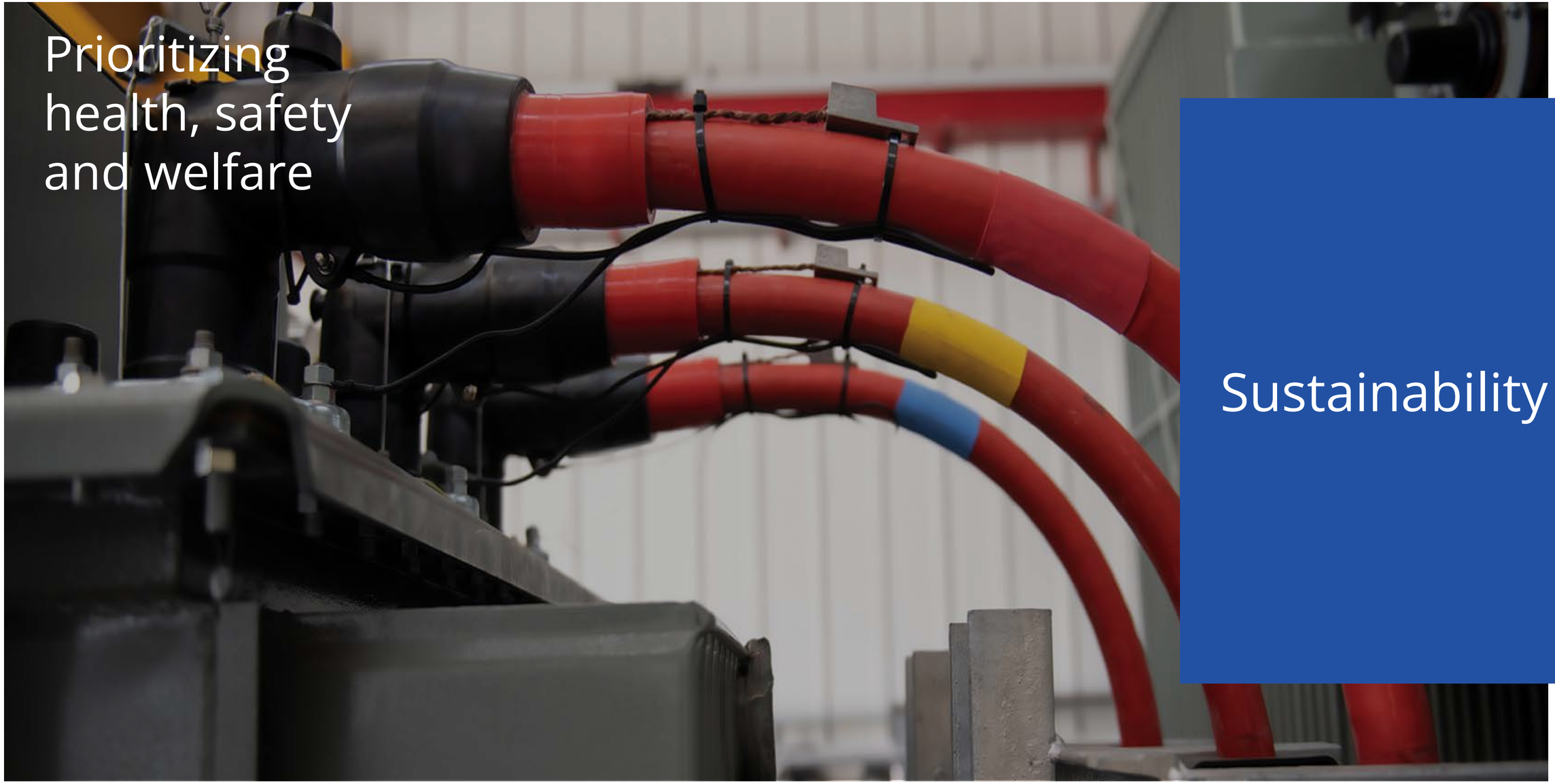
Metrology Division

Calibration is essential in determining whether instruments and equipment are performing according to their respective specifications. Matelec heavily invests in its metrology division to ensure that its products are tested with precision and accuracy thus, optimizing quality. The ESYD Greece certified laboratory is continuously operated by qualified and skilled personnel according to ISO 17025, the international standard for testing and calibration.

MMD calibration lab is accredited ISO 17025 by ESYD Greece, which is a signatory to the multilateral agreements of the International Laboratory Accreditation Cooperation (ILAC) for the mutual recognition of calibration certificates, under the certificate number 1035.

The ISO 17025 calibration certificate of an instrument, generated by MMD lab, documents the traceability of the measurements to national or international standards which represent the physical units according to the International system of Units (SI).





Sustainability

Health, Safety and Environment

At Matelec, Health and Safety is paramount. The company is driven to protect its personnel by eliminating potential occupational hazards and improving the working environment. Our detailed Health and Safety Management System, which is ISO certified, highlights the following measures amongst others:

- Personal Protective Equipment must be worn at all times by the labor force.
- Health and Safety training is provided to every new employee.
- Equipment maintenance must be performed consistently.
- Every visitor is briefed about potential hazards and protective measures before touring the factory.
- Risk Assessments are conducted regularly and actions are taken accordingly to ensure safety.
- Designated Health and Safety officers roam the premises and report to their supervisor if potential hazards are identified.
- Safety signs are posted around the premises and in hazardous zones.
- Fire trucks and Fire Fighting equipment (extinguishers, fire sprinkler systems…) are available on site.
- Medical Clinic, medical services and medical staff are available on site and on-call.
- Designated employees receive first aid and firefighting training.
- An HSE committee meets regularly to discuss HSE issues.

We also take pride in incorporating environmental concerns into our strategic decision making process. Our installed solar system, which supplies 15-20% of the company's power demand, and our ISO certified Environmental Management System are a testament to that. The company also undertakes various thermal efficiency projects, such as the installation of heat recovery systems, to reduce its power consumption and thus minimizing its environmental impact. Matelec also annually contributes to environmental NGOs promoting sustainable reforestation of Lebanon.

Quality Assurance

Matelec is committed to meeting and exceeding the highest quality and performance industry standards across its range of products and services.

The company has a complete ISO9001:2015 Quality Management System (QMS) certified by SGS. It was first registered in 1996 and is regularly audited to ensure continued compliance. The QMS's objective is to deliver high quality products and services on time with zero tolerance for defects. Matelec is achieving this objective by maintaining state-of-the-art equipment and closely monitoring production through technology, its expert staff and frequent testing.

The company is constantly looking to enhance every aspect of its business and operations. Matelec strives to improve customer satisfaction by maintaining on–going initiatives to improve the quality and reliability of its products and the effectiveness of its manufacturing equipment and processes.

Industrial Development

New Industrial Entities

Matelec is constantly evaluating and identifying new target markets to expand its manufacturing capacities by investing in factories, testing platforms and repair workshops in foreign countries. The company currently operates in France, Saudi Arabia, Egypt, Jordan and Algeria.

Matelec provides

- Technical consultancy services
- Financial consultancy services
- Market survey
- Factory unit implementation
- Management consultancy
- Trainings
- Supervision

Industrial Affiliates

EGYPT
INTERNATIONAL TRANSFORMERS MATELEC (ITM)
Established in 1998
Area 3000 sq.m of workshops
40 employees
Capacity 3000 Transformers / year

JORDAN
ELECTRICAL EQUIPMENT INDUSTRIES CO (ELICO LTD)
Established in 1992
Area 3000 sq.m (workshops)
40 employees
Capacity 3000 Transformers / year

SAUDI ARABIA
SAUDI MATELEC
Established in 2015
Area 3000 sq.m (workshops)
35 employees
Capacity 3000 Transformers / year

FRANCE
TRANSFO MATELEC
Acquired in 2000
Area 3000 sq.m (workshops)
30 employees
Capacity : 1500 Transformers / year

ALGERIA
Entreprise algérienne des équipements de transformation et de distribution électrique (EDIEL)
Acquired in 2007
Area 30000 sq.m (workshops) – 250 employees
Capacity 12000 medium voltage switchgears up to 36kV/ year
Capacity 3000 low voltage panel boards/ year
Capacity 1000 prefabricated package substations/ year
Capacity 3000 Transformers / year

The data provided in this document is accurate at time of going to press.
As standards, specifications and designs are subject to change, please ask for confirmation of the information given in this publication.

Our Presence

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