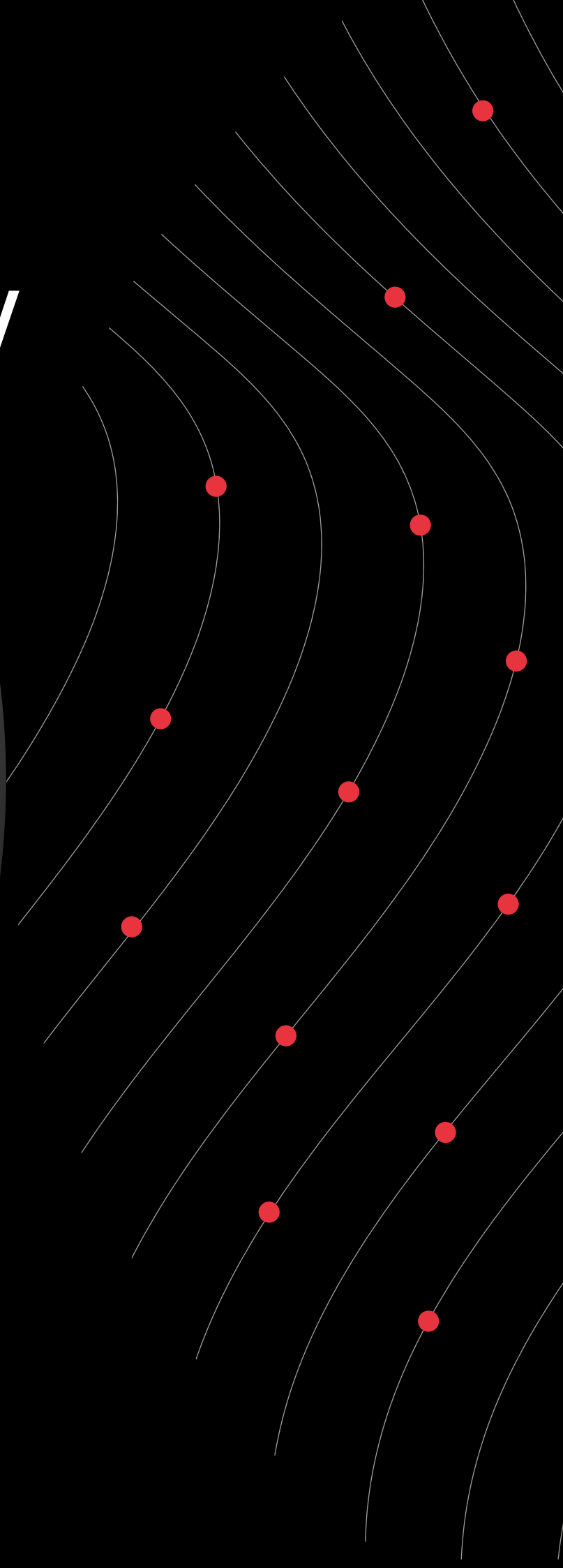




Company profile



“My commitment and personal belief is that in my company **quality always comes first**, as for products, service and business relationship alike. With customers it is necessary to dialogue, cooperate, and share experiences. Quality must differentiate us.”



Giampiero Schiavoni
President

We are leaders

We are recognized by the community, and by our customers as the Italian leader in the construction of electrical power switchgears and digital electrification solutions. We embrace a culture that places people at the center, focusing on delivering tailored solutions for all our customers. Our vision is to expand our business into digital and automation systems, driving innovation and growth.

What is important for us

We ensure a sustainable business by enhancing our customer-oriented performance. Leveraging our experience, quality, and service in electrical and automation solutions, we deliver innovative and reliable results.



Our Company

Who we are

Imesa is a company that has been operating since 1972 in the field of electro-mechanical constructions. With a consolidated turnover of 30 million Euro, about 130 employees, and a production capacity of around 2,000 panels per year. Our headquarter is in Jesi, Ancona, and we were created as an offshoot of the Schiavoni Group, one of the most important business entities in the Marche region, founded by Sergio Schiavoni in the 1960s and now supported by the second, and third generations.

In the field of electromechanical equipment, we stand as one of Europe’s leading manufacturers of electrical switchgears, as well as Automation. Our success is thanks to our long experience in this specific field and our strong roots in the Marche region, which share the region’s key characteristics: a passion for work, entrepreneurial skills, innovation, knowledge dissemination, and a skilled labor force.

From the beginning, we have designed and built everything in our own factory, following a “homemade approach” while embracing the spirit of hard work. This has proven to be a winning strategy and a guarantee for our customers in terms of quality and delivery time. Our offices and factory in Jesi cover an area of 15,150 square meters, divided as follows: 4,000 sqm carpentry department, 6,200 sqm wiring department, 1,200 sqm warehouse, and 3,750 sqm office space.



Our taste for the work, propensity to save, simplicity, **accountability,** and **respect for the traditions.**

The region, the environment, the enterprise

We operate in a region that blends rich historical heritage with a modern focus on quality and high standards of living. The area is home to several charming medieval villages, each with its own fascinating historical center. Here, the “Marche model” thrives, a unique environment where rural culture remains deeply embedded in daily life. This region is defined by strong values such as a deep work ethic, a natural inclination to save,

simplicity, accountability, and a profound respect for tradition. At the same time, we embrace innovation and entrepreneurial spirit. Business acumen, the widespread dissemination of knowledge, and a skilled, flexible workforce all contribute to the region’s dynamic nature. This balance creates a stable social environment that fosters both growth and sustainable development, making it an ideal place for us to operate, and continue our success.



Our Facilities

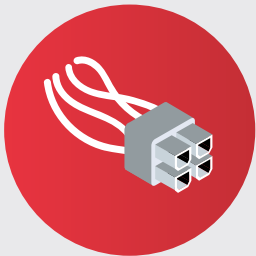
Highest quality standards

Our headquarter and factory are based in Jesi, Ancona (Marche Region), in central Italy. We designed and built our facility using state-of-the-art construction standards, ensuring it is equipped with all the comforts and tools needed to meet the highest quality standards.

Headquarter and factory



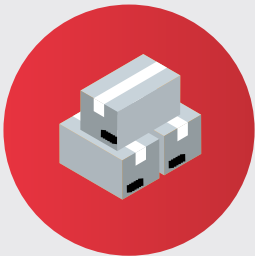
Our three departments



Wiring
6,200sqm



Carpentry
4,000sqm



Warehouse
1,200sqm

Our Business Management

We are professionals

We are a group of professionals guided by dynamic management. We offer a full range of services, including project preparation, electrical and mechanical engineering, cabling, steel structural work, testing, commissioning, and ongoing servicing.

Offer and Project Development



Electrical and Mechanical Engineering



Testing



MV Production Line



Processing Line Cooper



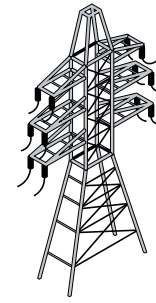
Wiring



Servicing



With a **long-standing history**, we supply our products to Power & Energy, Marine & Offshore, Industry, Transport, and Oil & Gas sectors.

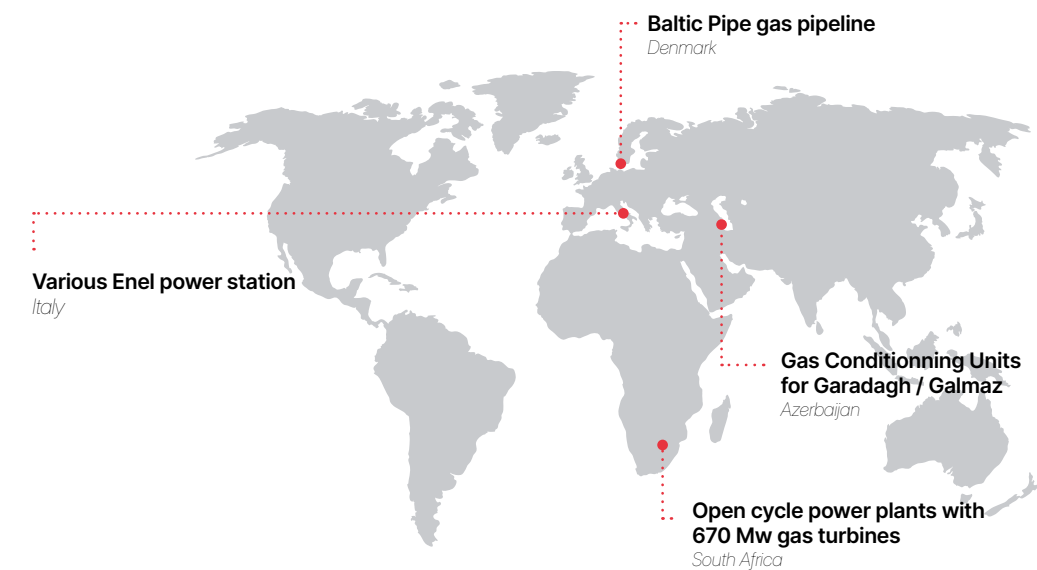


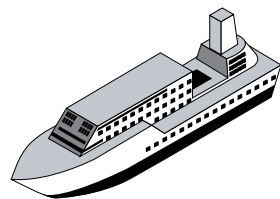
Power & Energy

Thanks to the development and implementation of increasingly advanced digital technologies and systems, we contribute to the evolution of electrification by providing our products for power, electricity production and distribution plants.



Our key global projects



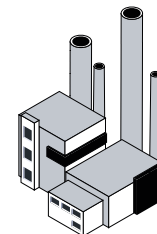
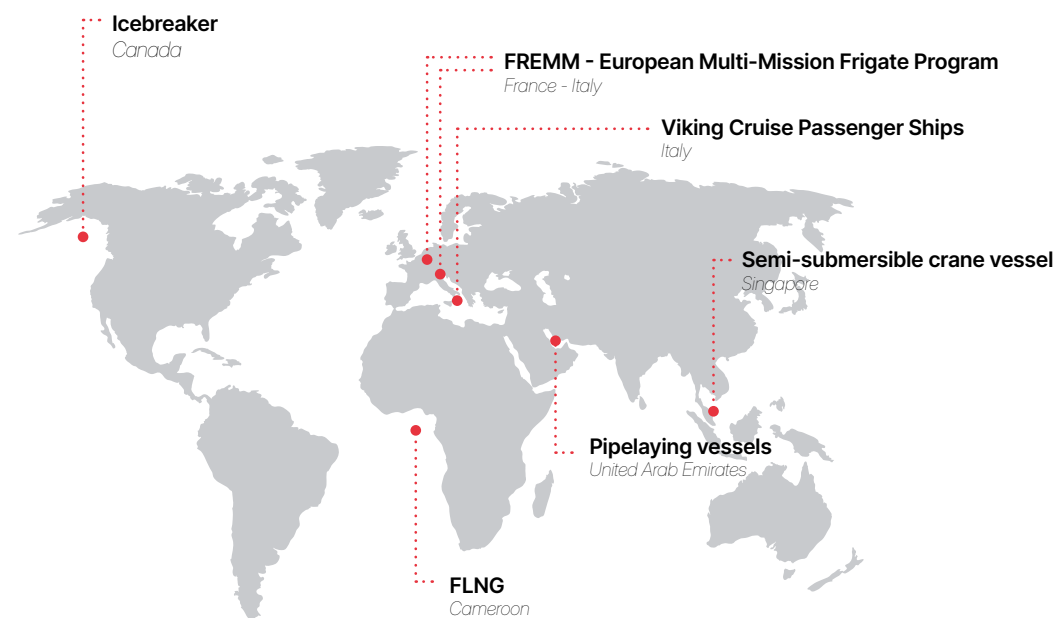


Marine & Offshore

One of our leading sectors is the marine where our electrical switchgears, complying with the most stringent naval registers, are installed in cruise ships, merchant vessels, military vessels, offshore installations and aircraft vessels.



Our key global projects

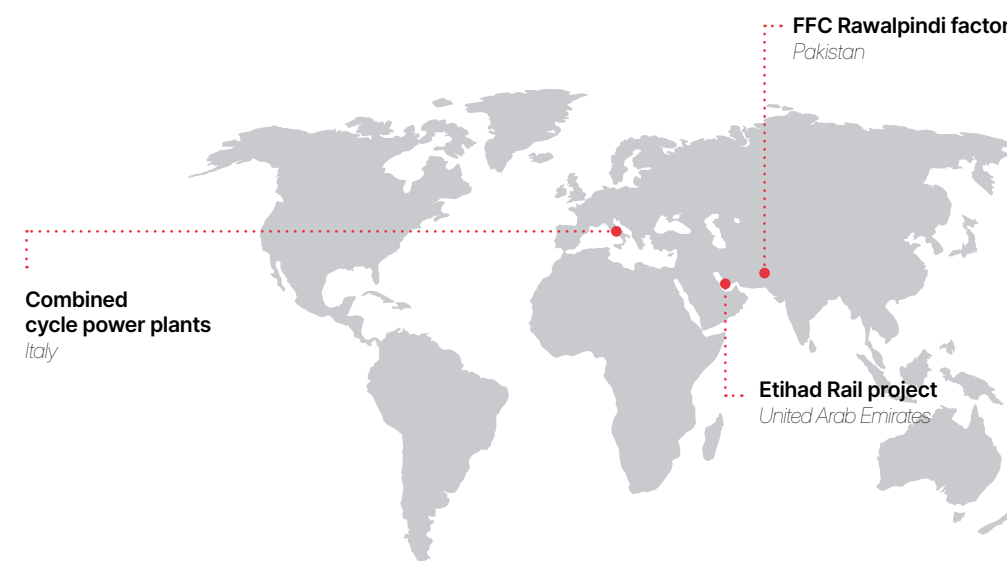


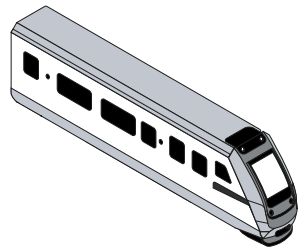
Industry

We have extensive experience in supplying our products to a wide range of clients, including industrial complexes, engineering companies, and main contractors, consistently meeting their unique needs and expectations.



Our key global projects



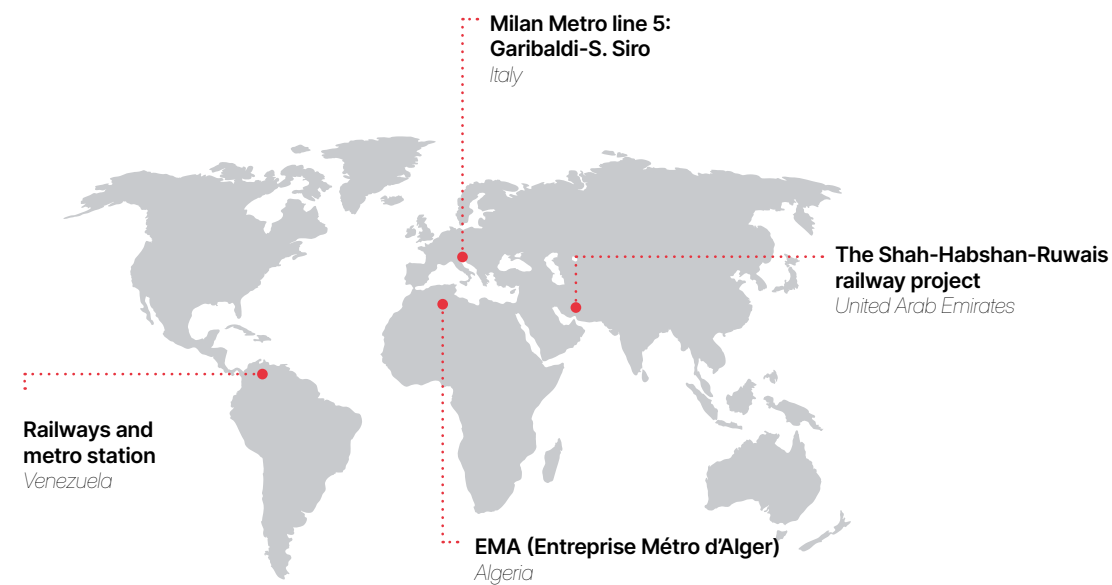


Transport

Our electrical switchgears are designed to meet a wide range of needs. In the transport sector, we provide tailored solutions for railway systems, underground networks, and maritime lines, ensuring reliability, and performance across various applications.



Our key global projects

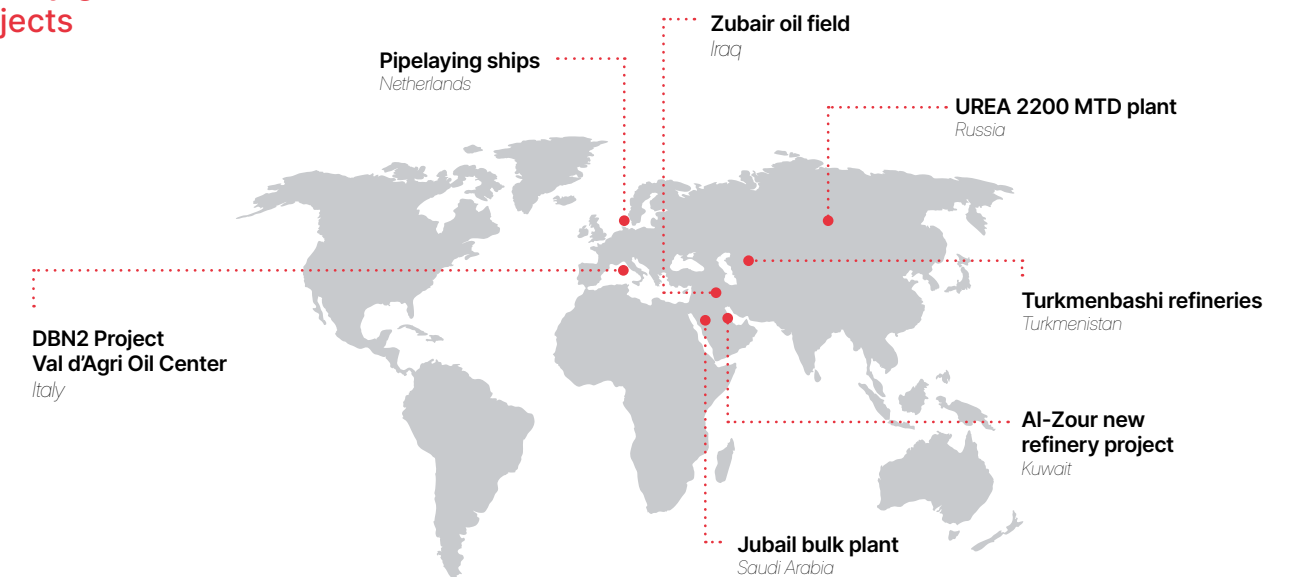


Oil & Gas

In the realm of Electrification and Digitalization within the Oil & Gas sector, we bring extensive expertise and a deep understanding of the market as it evolves towards the energy transition, enabling us to provide innovative and sustainable solutions.



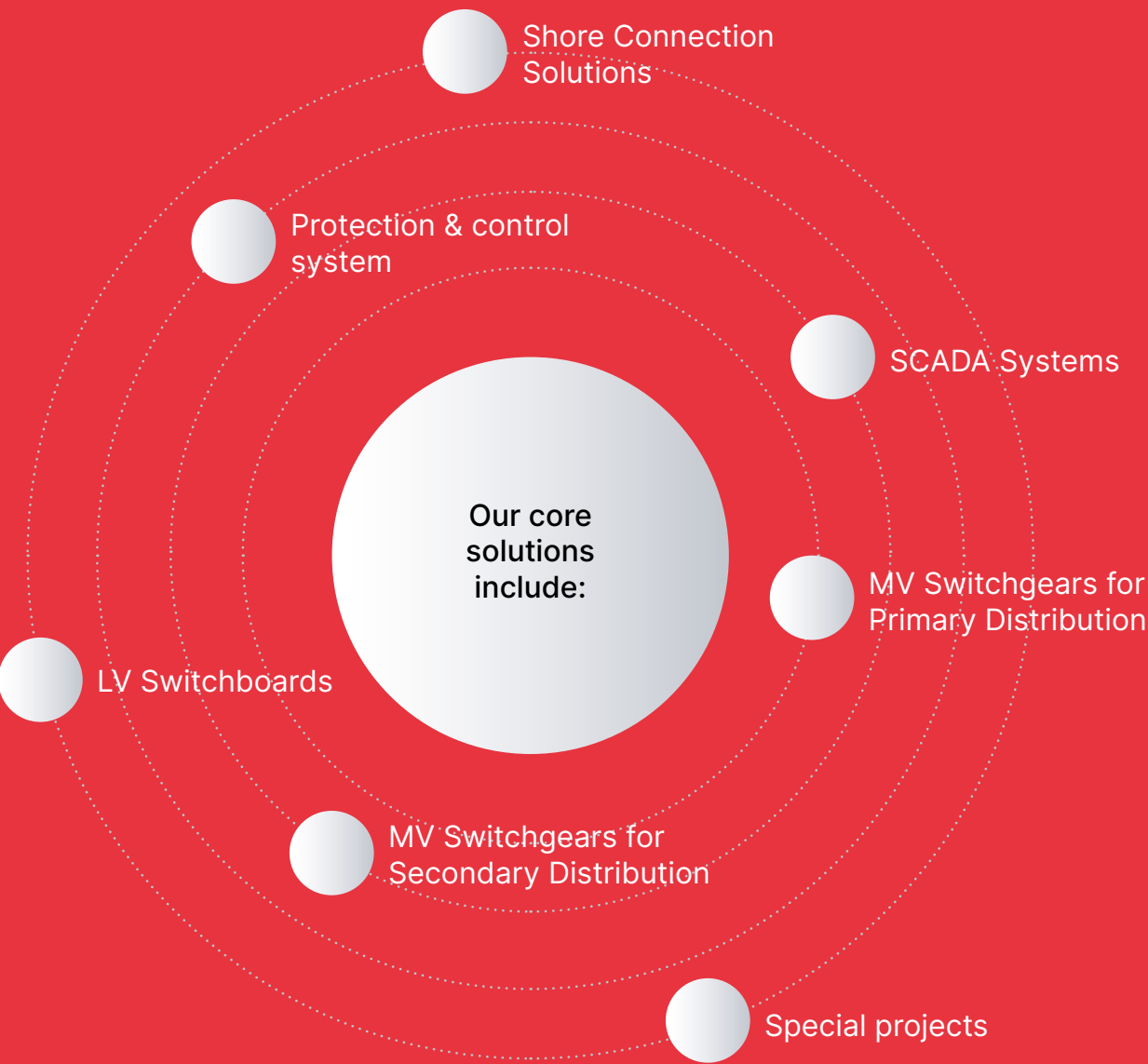
Our key global projects



Our products

Innovation

We are a trusted partner in power distribution and generation, manufacturing high-quality electrical switchgears and advanced digital solutions. Our mission is to create safe, reliable, and sustainable energy systems that meet the highest standards of quality, innovation, and performance. Through continuous innovation and a strong commitment to excellence, we help our customers improve energy efficiency and achieve long-term success.



MV Switchgears for Primary Distribution

Designed to power primary distribution, our medium voltage electrical switchgears have the particularity of having the main component, the switch, extractable and of being able to be divided into compartments which are metallically segregated from each other. These are two important technical characteristics that allow a complete safe maintenance, so as to allow continuity of service of the switchgears during interventions.



Miniver / C - LSC2B				
Rated voltage	kV	7,2	12	17,5
Rated power frequency withstand voltage	kV (1 min)	20	28	38
Rated lightning impulse withstand voltage	kV	60	75	95
Rated frequency	Hz	50-60	50-60	50-60
Rated short time withstand current	kA (1s)	50	50	50
	kA (3s)	50	50	–
Peak current	kA	125	125	125
Internal arc withstand current	kA (1s)	50	50	50
Main busbar rated current	A	4000	4000	4000
Branch connection rated current	A	630	630	630
		1250	1250	1250
		1600	1600	1600
		2000	2000	2000
		2500	2500	2500
		3150	3150	3150
		3600	3600	3600
		4000	4000	4000



Miniver / C Double Deck		
Rated voltage	kV	7,2÷17,5
Rated current	A	630÷4000
Short time current	kA	25÷50

The **Double Deck switchgear** allows for a more compact footprint by stacking two circuit breakers within the same panel. This innovative design significantly reduces the overall switchgear length by approximately **30%**, optimizing space utilization in electrical installations.



Fault Current Limiters (FCLs) provide ultra-fast fault isolation, reducing network disturbances and protecting sensitive equipment through selective fault clearing and minimized thermal and mechanical stress. The JesGear 24kV Air Insulated Switchgear (AIS) is a compact and reliable medium-voltage solution for utility substations, critical infrastructures, industrial facilities and offshore applications, offering ratings up to 24kV and 3150A, AFLR internal arc classification and withdrawable MV circuit breakers to ensure safety, service continuity and ease of maintenance.

Fault Current Limiter			
Rated voltage	kV	12	12
Rated current	A	1250 -2000-3000	4000****
Rated power-frequency withstand voltage	kV	28	28
Rated lightning impulse withstand voltage	kV	75	75
Dimension height	kV	2500 (2770*)	2500 (2770*)
Dimension width	mm	1000** (1600***)	1000** (1600***)
Dimension depth	mm	1800 (2000*)	1800 (2000*)

(*) FCL system arranged within MV switchgear in a double deck execution
(**) Dimensions width of the FCL system in with drawable version
(***) Dimensions width of the FCL system in fixed version
(****) With cooling fan



JesGear 24kV		GSCM009 24 kV
Rated voltage	kV	24
Rated power frequency withstand voltage	kV (1 min)	50
Rated lightning impulse withstand voltage	kV	125
Rated frequency	Hz	50-60
Rated short time withstand current	kA (1s)	25
Peak current	kA	65
Internal arc withstand current	kA (1s)	25
Main busbars rated current	A	2500
Classification IAC		AFLR
Loss of service continuity category		LSC2B

Our **JesGear 24kV** switchgear complies with the Enel GSCM009 specification and is based on MiniverC projects. This MV Air Insulated Switchgear (AIS) with withdrawable MV Circuit Breaker needs be installed as indoor equipment in the HV/MV and MV/MV substations of the Enel Group Distribution Companies.



Covering medium-voltage applications up to 40.5 kV, the JesGear Air Insulated Switchgear (AIS) and JesGis Gas Insulated Switchgear (GIS) ranges provide reliable and efficient solutions for utilities, industrial plants, renewable energy facilities and critical infrastructures. Designed according to international standards, both platforms ensure high operational safety, service continuity and long-term performance in demanding environments.

JesGear 36-40,5kV			
Rated voltage		kV	36 - 40,5
Rated insulation level	Rated power frequency withstand voltage (1 min)	kV	80
	Rated lightning impulse withstand voltage (peak value)		185
	Secondary Circuit PFW Voltage	V	2000
Rated current		A)	1250 / 1600 / 2000 / 2500 / 3150*
Rated short time withstand current (3s)		kA	25 / 31,5
Rated peak withstand current (peak value)		kA	63 / 80
Internal Arc Class		kA/1s	AFLR up to 31,5
Mechanical Endurance (Cycle) ESW		Cycle	3000
Ingress Protection Degree		/	Enclosure IP4X / compartment IP2X
Overall dimensions (w*h*d)		mm	1200 * 2400 * 2500



JesGis 40,5kV				
Rated voltage			kV	40,5
Rated frequency			Hz	50/60
Rated current			A	1250 / 1600 / 2000 / 2500 / 3150
Insulation level	1min power frequency withstand voltage	Phase to earth, phase to phase, between open contacts of breaker	kV	95
		Between open contacts of disconnecting switch		118
	Rated lightning impulse withstand voltage (peak)	Phase to earth, phase to phase, between open contacts of breaker	kV	185
		Between open contacts of disconnecting switch		215
	Power frequency withstand voltage of auxiliary and control circuits		V	2000
Rated short-circuit breaking current			kA	20/25/31.5
Rated short-time withstand current			kA	20/25/31.5
Rated peak withstand current			kA	50/63/80
Rated duration of short-circuit			s	4
Classification				LSC2B

JesGis 40,5kV Gas Insulated Switchgear (GIS) is a compact and reliable medium-voltage solution that integrates the main switching and protection functions within a sealed gas-insulated enclosure. Designed for applications up to **40,5kV**, it delivers high operational safety, reduced maintenance requirements and excellent performance in utilities, industrial plants and critical infrastructures.

Shore connection solutions

For years, Imesa has been a reliable supplier of electrical switchgears that serve as the main distribution point for a ship's electrical system. In the diagram below, you can see how the Main Switchboard distributes power supplied by the generators to various consumers, including the propulsion system. We have now incorporated an additional element into the system: the Shore Connection Panel (SCP). This panel allows the main switchboard of the ship to be directly supplied by the power grid on shore, by passing the generator sets.



HVSC - Shore Connection Switchgear		
Rated voltage	Ur [kV]	7.2 - 12
Rated power-frequency withstand voltage	Ud [kV]	20 - 28
Rated lightning impulse withstand voltage	Up [kV]	60 - 75
Rated frequency	fr [Hz]	50 - 60
Rated continuous current	Ir [A]	630 - 1250 - 2000
Rated short-time withstand current	I _k [kA]	50 (3 s)
Rated peak withstand current	I _p [kA]	130
Internal arc classification		AFLR
Arc fault current and duration	I _A - t _A [kA - s]	50 - 1 s



The Shore Connection Panel typically consists of a circuit breaker panel and a connector panel, which can vary in number and size depending on the current requirements and the connection system in place. The electrical characteristics of the SCP can reach values of 12 kV-50kA-2000A. The sockets are installed in the connector panel to ensure easy access while preserving the electrical requirements, and providing protection against potential internal arcs.

LV Switchboards

Thanks to their electrical characteristics, our LV switchboards are ideal for offering solutions designed to guarantee service continuity, staff safety, and the possibility of integrating the electrical switchboard into the supervision and control system.



MCC32		
Rated voltage		up to 690 V
Rated insulation voltage		up to 1000 V
Impulse withstand voltage		6 kV
Rated frequency		50-60 Hz
Rated short-time withstand current (1s)		up to 80 kA
Rated peak current		up to 176 kA
Internal arc withstand current		prevent the internal arc
Busbars rated current		up to 3750 A
Degree of protection	with opened doors	IP20
	with closed doors	IP54
	standard structural form	3B, 4A, 4B
Accessibility front and rear accessibility or only with front accessibility		



PC - Power Center		
Rated voltage		up to 690 V
Rated insulation voltage		up to 1000 V
Impulse withstand voltage		6 kV
Rated frequency		50-60 Hz
Rated short-time withstand current (1s)		up to 100 kA
Rated peak current		up to 220 kA
Internal arc withstand current (0,3 s)		up to 100 kA
Busbars rated current		up to 6300 A
Degree of protection	with opened doors	IP20
	with closed doors	IP54
	standard structural form	2, 3A, 3B, 4A, 4B
Accessibility front and rear accessibility or only with front accessibility		

MV Switchgears
for Secondary Distribution

Our portfolio for medium-voltage secondary distribution includes both JesAir 24kV switchgear and Enel-approved secondary cabins, developed to address different operational requirements within industrial and utility networks. JesAir switchgear offers a compact and modular solution for MV applications requiring flexibility, reliability, and continuity of service across industrial plants, renewable energy systems, and infrastructure projects. The Enel-approved secondary cabins are specifically engineered for integration into Enel distribution networks, fully complying with utility specifications and ensuring safe and reliable operation in public power distribution systems.



JesAir 24kV		
Rated voltage	Ur [kV]	24
Rated Frequency	Fr [Hz]	50
Rated lightning impulse withstand vlt (1.2/50 µs)	Ud [kV]	50
Rated lightning impulse withstand vlt (1.2/50 µs)	Up [kV]	125
Rated thermal current of ma in busbars	Ir [A]	630 / 800
Rated short-time withstand current	Ik [kA/s]	16/1 or 20/1
Internal arc classification	IAC	Optional
Type of accessibility	AFLR	Optional
Arc fault current / Duration	I _a /t _a [kA/s]	16/1 or 20/1
External Degree of protection	IP	IP3X Excluding operation locations
Internal Degree of protection	IP	IP2X
Mechanical impact resistance	IK	10
AC auxiliary supply voltage	Vaux [V]	220 Vca
DC auxiliary supply voltage	Vaux [V]	110 Vcc
Paint colour point	-	RAL 7035



Enel Approved Secondary Cabin		GSCM004
Maximum insulation voltage		24 kV
Rated insulation level, sealing tensions	Lightning impulse to earth and between phases	125 kV
	Power frequency to earth and between phases	50 kV
	Rated frequency	50 Hz
	Rated current in continuous service for the bars	630 A
	Permissible rated short duration for the bars and the derivations	16,5 kA
	The permissible current peak value of short duration for the bars and the derivations	40 kA
	Rated duration of short circuit	1 s
	Degree of external protection	IP 3X
	Accessibility class (internal arc)	AFLR



JesRing 24kV		C - LBS Cabinet	D - VCB Cabinet
Rated voltage	kV	24	24
Rated continuous current	A	630	630
Rated short time withstand current	kA	20	20
Rated duration of Short-Circuit	s	4	4
Internal Arc Classification	kA	20	20
Internal Arc Classification, test duration	s	1	1
Loss of service continuity category		LSC2	LSC2
Overall dimensions (w*h*d)	mm	400 * 870 * 1950	450 * 870 * 1950

The **Sustainable Gas-Free Choice** A revolutionary, compact RMU that completely eliminates SF₆ greenhouse gases by using Dry-Air insulation. Operating at zero gauge pressure, it offers maximum safety and a minimal carbon footprint, making it the ideal choice for modern, eco-conscious urban networks. Fully certified for **Marine applications**, JesRing 24kV is designed to meet the demanding requirements of the naval and offshore sectors, ensuring reliable performance even in the harshest operating environments.



JesRing 36-40,5kV		C Load Switch	D Vacuum Circuit Breaker
Rated voltage	kV	40,5	40,5
Rated continuous current	A	630	630/1250
Rated withstand current	kA	20-25	31.5
Rated Short-Circuit Breaking Current	kA		31.5
Internal Arc Classification	kA	25	25
Internal Arc Classification, test duration	s	1	1
Loss of service continuity category		LSC2	LSC2
Overall dimensions (w*h*d)	mm	450 * 850 * 1800	450 * 850 * 1800

High Performance & Reliability Designed for demanding high-voltage distribution, this modular solution combines exceptional switching capabilities (up to 40,5 kV) with a compact footprint. It ensures maximum internal arc safety (AFLR) and will feature a fully SF₆-Free version.

Our services

Servitization

We offer PaaS (Product-as-a-Service) services through Servitization, made possible by implementing cyber-secure industrial control and automation systems. Among the various solutions, we provide systems that are compliant with remote activities and after-sales assistance methods. Our services manage the integration of advanced data analysis systems (Business Intelligence), and solutions focused on the use of Artificial Intelligence for predictive maintenance, all while ensuring the cybersecurity of the whole system.



After-sales assistance

Our products meet the highest standards, ensuring safety, reliability, and innovation. With a focus on sustainability, we provide customized solutions for different sectors, contributing to a greener future while supporting global energy efficiency and development.



Maintenance and retrofit

We provide retrofit solutions and predictive maintenance to reduce breakdown risks, extend apparatus lifespan, and optimize performance.

Core of the plant

Being the electrical switchboard the most important link between power generation and distribution, its performance level becomes a key factor for the entire electrical plant.

Partner

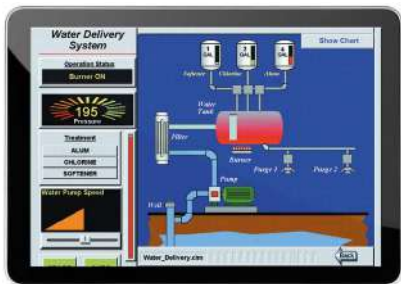
Imesa and its Service Centers located in strategic areas all over the world are the right partners for the most demanding Customers who need dedicated solutions in a very tight schedule.

SCADA Automation and Control Systems

We offer a complete package that includes SCADA Systems and Industrial Automation solutions, all fully compliant with the ISA/IEC 62443 standards, and related regulations concerning data protection, and cyber defense.

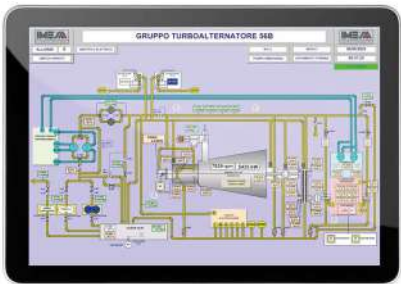
The ISA/IEC standards define cybersecurity parameters across all industrial sectors that use advanced industrial control and automation systems. These standards provide a detailed set of technical requirements and management processes that enable their effective implementation.

Our offer includes the application of these regulations to the relevant sectors, delivering a package of tailor-made solutions based on different cybersecurity levels. These solutions are aligned with the specific characteristics of each system, ensuring that we meet the unique needs of our customers.



Industrial Automation

We offer retrofit systems, Industrial Automation, and machine switchboards, including hardware design, software development, commissioning, and support.



Supervision and Control Systems

We provide turn-key supervision and control systems, offering commissioning, training, maintenance, and support for optimal process' management.



We look to the future by promoting the adoption of **eco-friendly processes**, aimed at protecting, and enhancing the environment for us and the future generations.

Sustainability

Environment

Environmental protection is a constant commitment that underpins our work at Imesa! Our sustainability objectives outline our ambitions and the strategies we use to achieve them. Regarding environmental aspects linked to our activities, we have implemented company policies and programs aimed at reducing the consumption of energy, water, hazardous substances, and materials. We focus on maximizing waste recycling and improving the management of company assets. Additionally, we collaborate with customers and suppliers who share our commitment to environmental sustainability.

ESG committee

We have established an internal ESG (Environmental, Social, and Governance) Committee, marking a significant step in strengthening our sustainability practices across these key areas. The ESG Committee consists of a dedicated team responsible for guiding the implementation of ESG initiatives within our company. This team is tasked with developing strategies, setting objectives, monitoring progress, and communicating the results to various stakeholders in a transparent and verifiable manner.

As part of our ESG strategy, the Committee has identified 10 SDGs (Sustainable Development Goals) from the United Nations 2030 Agenda that are particularly relevant to our operations. These goals align with the long-term objectives set by our Board of Directors. Through the implementation of clear, sustainable, and ethical practices, we aim to actively contribute to the well-being of the environment, the communities we operate in, and society as a whole.

Our commitment to ESG reflects our dedication to taking social and environmental responsibility for our actions. We aspire to be a company that looks toward the future, consistently working to build a healthier and fairer world for both present and future generations. This starts with building a new corporate culture at all operational levels, one that is oriented toward sustainability and shared social commitment. For us, ESG is not just a way of thinking but a way of being.

Certifications

Imesa has certified its Management System in conformity to international standards UNI EN ISO 9001, UNI EN ISO 14001, OHSAS 18001. Imesa's products are certified by the main shipping registers: RINA (Registro Italiano Navale), Det Norske Veritas, Lloyd's Register of Shipping, American Bureau Shipping, Bureau Veritas, Germanischer Lloyd, Russian Maritime Register of Shipping and Nippon Kaiji Kyokai.

Our initiatives for a sustainable world



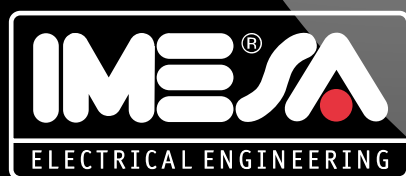
Our Green Footprint for the Environment

- 1. We participate in a project that allows us to re-plant trees based on our prints and their ecological disposal. To date, we have contributed with the planting of 2 trees in France, promoting environmental regeneration.
- 2. Energy Efficiency: our 48 KWp photovoltaic system, which produces a minimum of 60,000 to a maximum of 66,500 KWh annually, plays a significant role in reducing CO2 emissions.

Governance: responsible leadership

- 1. Employee Engagement: we believe that responsible leadership is the cornerstone of effective governance. It means guiding an organization with integrity, transparency, and accountability, ensuring that decisions are made with the long-term interests of all stakeholders in mind. Our leaders uphold the highest ethical standards, actively engage with employees, and foster a culture of inclusivity and collaboration.





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