



ENERGY SOLUTIONS



ANY POWER RATING, ANY APPLICATION



Energy Solutions Provider



In a variety of environments, from offshore drilling platforms to harsh desert conditions, from building sites to the most exacting industries, the reliability of SDMO generating sets has firmly established the company as one of the leading global manufacturers.

SDMO was created in 1966, setting up its head office and three factories in Brest, along with another plant in Brazil.

Backed by an international group structure, the company continues to underline its leading market position. Today, SDMO focuses exclusively on generating sets, and offers the widest range on the market. Actively promoting a culture of constant progress and permanently in tune with its customers' most stringent requirements, the Research & Development and Engineering teams work in harmony to develop innovative standard or bespoke solutions. A distribution network covering over 150 countries means that SDMO is able to provide a dedicated and localised service to each and every one of its customers.

SDMO, THE BEST ENERGY SOLUTIONS ON THE MARKET!



SDMO specialises in standard and bespoke generating set solutions. Its technical expertise, manufacturing strength and multi-application experience place it amongst the world leaders in this sector. SDMO promises a high-performance energy solution that is adapted to the precise requirements of each customer.



SDMO's standard or bespoke generating set solutions are borne out of international, multi-sector experience, and meet the most diverse requirements in terms of energy supply.



THE WIDEST PRODUCT RANGE

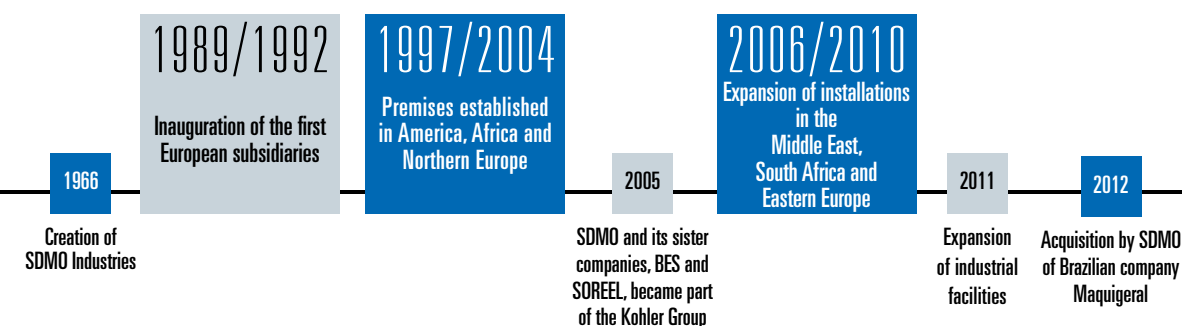
SDMO offers you the widest range of generating sets on the market. SDMO designs, manufactures and installs standard generating sets rated between 1 and 200 Mw. SDMO also produces bespoke energy production plants.

Whatever the rating or purpose of the generating set, SDMO guarantees to supply you with a quality product backed by ISO 9001 certification, to meet all your requirements in terms of performance, budget, deadlines and environmental constraints.

MULTI-SECTOR EXPERIENCE

Founded in 1966 in Brest (Brittany, France), SDMO is today the world's 3rd largest player in the generating set sector. Public institutions, states and the world's largest corporations have been placing trust in SDMO for over 45 years.

The company's experience is as diverse as the fields in which it operates: Industries, hospitals, data centres, mass-market retailing, building sites, power plants deep in the desert, offshore drilling platforms and many more...



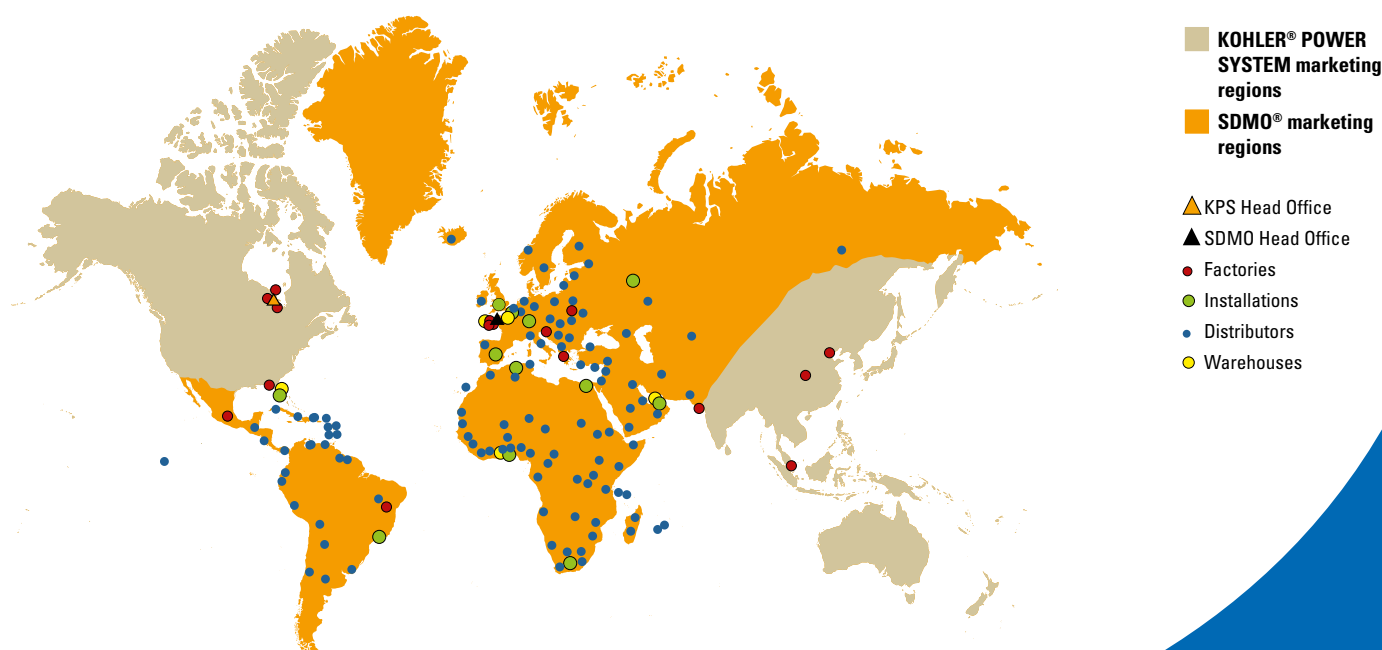
INTERNATIONAL NETWORK

SDMO's presence worldwide:

- A distribution network covering over **150 countries**
- **6 subsidiaries:** Germany, Belgium, Brazil, Spain, USA, United Kingdom

■ **6 representative offices:** Johannesburg, Algiers, Dubai, Cairo, Moscow, Lomé

■ **5 storage platforms:** Miami, Le Havre, Lomé, Dubai, Brest

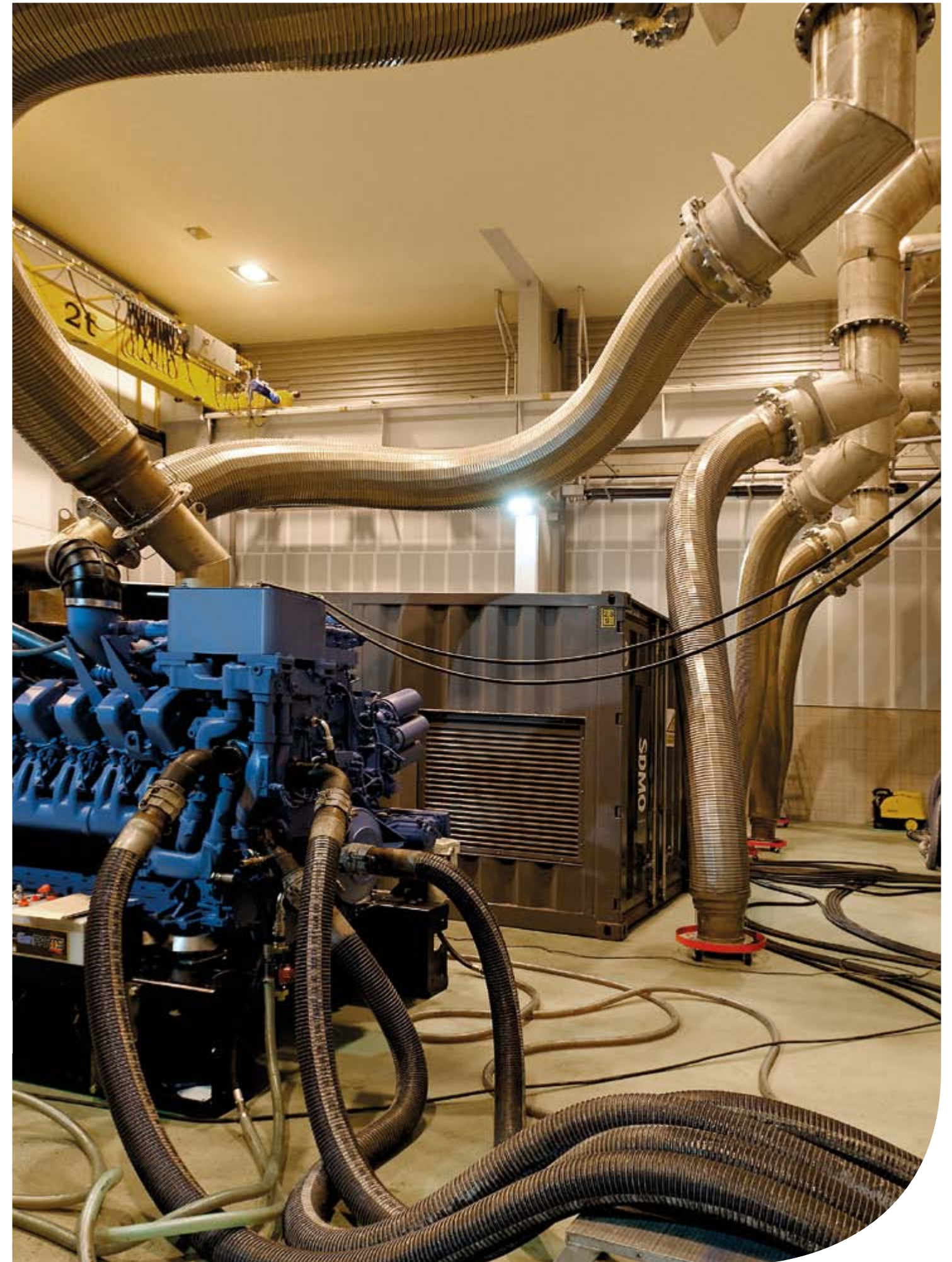


RESEARCH &
DEVELOPMENT

SDMO, SOLUTIONS AT THE CUTTING EDGE OF INNOVATION



SDMO invests heavily in Research & Development, with a view to anticipating demand and offering customers the most innovative and high-performance generating sets on the market.



AN INTEGRATED R&D FUNCTION

SDMO has a full R&D function, covering the whole process from designing a new product right through the test phases to industrial production. This is an integrated unit, and greatly enhances SDMO's responsiveness and industrial expertise.

Based on requests from the Marketing department with a view to anticipating customer requirements, **the Design offices design new products** inspired by market trends.

The Prototypes department is then responsible for producing the new generating set and performing the full range of necessary tests.

The Product Engineering department prepares the generating set to enter production, making the appropriate decisions to ensure that the production process remains true to the original prototype, at the best quality/price ratio.

A RIGOROUS TEST LABORATORY

SDMO invests in cutting edge technologies, with a view to optimising development of its bespoke products and solutions upstream of the production process.

To guarantee the performance and safety of the products tested, SDMO can rely on a state-of-the-art laboratory to carry out independent tests.

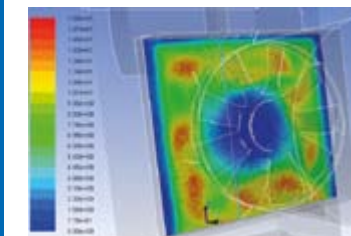
This laboratory meets the latest requirements: ISO 17025 accreditation, approved test procedures and COFRAC calibration.

It takes full advantage of dedicated facilities, including a surface area of over 2000 m², a prototype construction area, test benches with control rooms, and a noise emissions area covering 1000 m².



5 MAIN TEST CATEGORIES

- **Thermal balance calculations**
Cooling
- **Noise emission measurements**
Directive 2000/14/EC and ISO 8528-10
- **Electrical checks**
EN12601-ISO 8528
- **Project-specific tests** Coupling boards, load/shedding impact (standard ISO 8528-5, performance classes G1/G2/G3)
- **Production control**
Directive 2000/14/EC, sourced products, etc.



The laboratory brings together the three interactive teams within the Research & Development unit: The Design offices, the Prototypes department and the Product Engineering department.



PRODUCT
RANGES

SDMO, A SWIFT, HIGH-PERFORMANCE SOLUTION, WHATEVER THE SECTOR



SDMO offers the widest range on the market, with standard generating sets from 1 to 3300 kVA, suitable for all fields of application. The company's extensive worldwide network is highly responsive, and can provide rapid customer solutions.





SDMO's standard generating sets meet a vast array of requirements, and are suitable for an extensive range of applications. They are available from stock, which means they can meet the most urgent needs concerning efficiency and speed.



THE MOST COMPREHENSIVE SOLUTION ON THE MARKET

■ PORTABLE POWER

Generating sets from 0.9 to 20 kVA, domestic generating sets, welding sets and pump units for domestic and professional use.

■ RENTAL POWER

Generating sets from 2 to 2000 kVA and lighting towers, to meet the specific requirements of the rental market and Construction and Public Works.

■ POWER PRODUCTS

Standard and modular generating sets from 7.5 to 3300 kVA, which make up the SDMO industrial range. Their field of application is immense.

■ POWER SOLUTIONS

Specific, adaptable generating sets built according to the final configuration requirement, for professionals in all sectors.

UNRIVALLED BENEFITS

Availability

The breadth and variety of our product offer meets the majority of requirements. Standard SDMO products are available from stock, thereby reducing delivery time and providing an effective and rapid solution to the most urgent requirements.

Modularity

Opting for standard does not mean sacrificing configurability. SDMO products have a broad range of accessories, options and aftermarket equipment, which make each standard product unique and guarantees the best solution for each requirement.

Adaptability

All standard SDMO generating sets are designed to meet the specific requirements dictated by their market and their use. Each product is perfectly suited to its target customer, from the individual consumer to the industrial giant, and including the equipment rental professional.



SDMO, A TURNKEY SOLUTION FOR A PARTICULAR ENERGY SUPPLY REQUIREMENT



SDMO has an expert Engineering department, to guarantee its customers a turnkey solution, irrespective of their energy needs, field of application, or the complexity of their requirement.



TURNKEY PROJECTS

SDMO can rely upon its Engineering department to come up with made-to-measure energy solutions, accommodating all requirements from the simplest to the most complex.

The company's engineers possess recognised expertise in all application fields.

Their know-how is acclaimed on an international level, with the installation of the most innovative energy production plants in all corners of the world.

SDMO's Engineering department comprises 80 engineers and technicians, in 3 design offices. They lead projects right up to the installation phase, in full adherence to the demands of the project specifications. Each new project brings with it the challenge of having to take environmental constraints and local or international standards into account.

SDMO also draws upon its expertise and experience in the fields of electrical engineering, distribution and automation. This multiple skills set means that SDMO is able to cover all energy supply stages, from production to distribution.

CONSTANT INNOVATION TO PROMOTE MARKET PROGRESSION

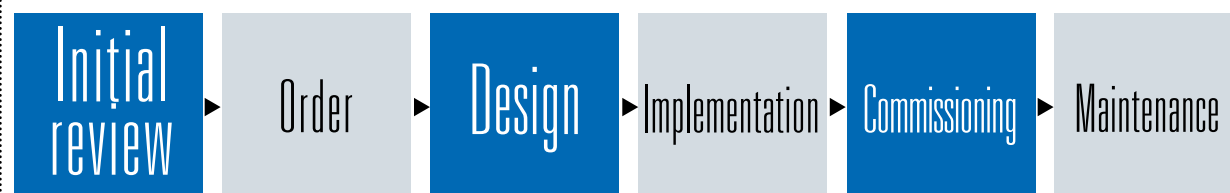
The Engineering department, in association with the R&D unit, is continually breaking new ground to offer complete, custom solutions.

The department is constantly developing new solutions in tune both with customer requirements and technical constraints: The need for noise reduction, a sharp reduction in pollutant emissions, operation under extreme climatic conditions, the management of environmental constraints (humidity, sandstorms, etc.).

SDMO's engineers draw upon benchmark technologies for designing generating sets and energy production plants, in order to ensure compliance with international standards: Resistance calculation, modal analysis of vibration frequencies, study of sound intensity, etc.

A COMPLETE AND HANDS-ON APPROACH

SDMO offers its customers a **turnkey project**, and supports them every step of the way.



Preliminary review

Upstream customer support: A precise analysis of requirements, feasibility study, assessment of the environmental impact.

Order

Validation of the project specifications, selection of partners, definition of deadlines, installation of the SDMO team.

Design

Setting up the project, with innovative solutions.

Implementation

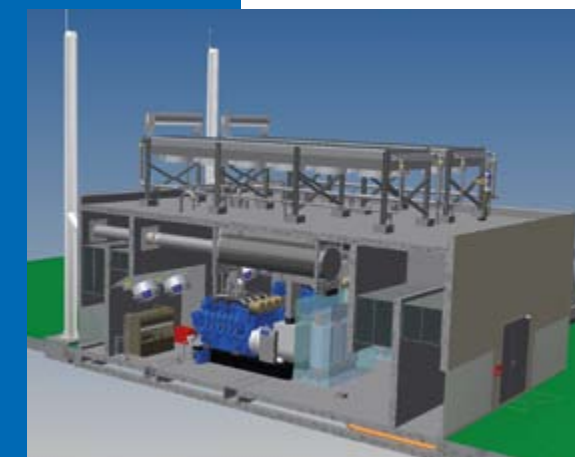
Work site monitoring: Generating set construction, civil engineering, installation of the components.

Commissioning

Tests on the power plant in its final configuration, adjustments.

Maintenance

Downstream customer support: maintenance follow-up, technical support, etc.



SDMO Engineering boasts an expertise that has set it apart since the company was created. Its day-to-day work is based on a wealth of experience in implementing energy production plants, both in France and internationally.



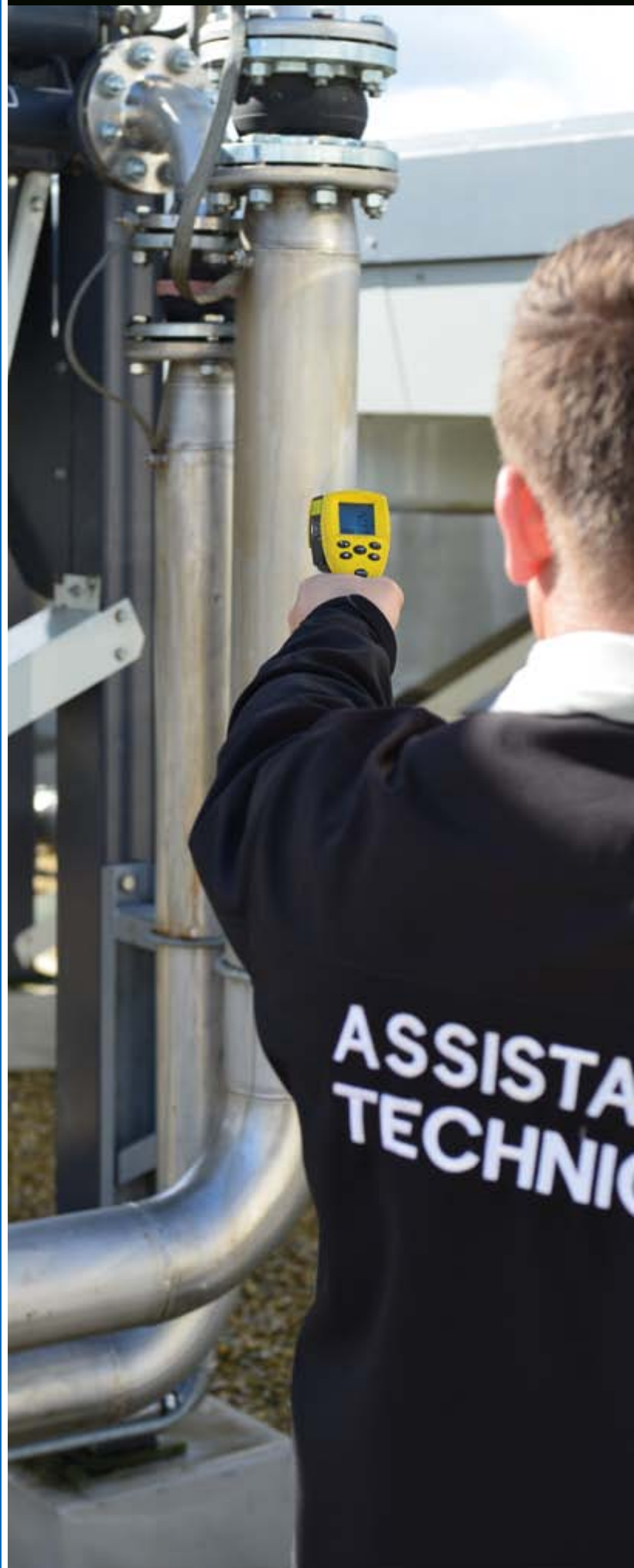
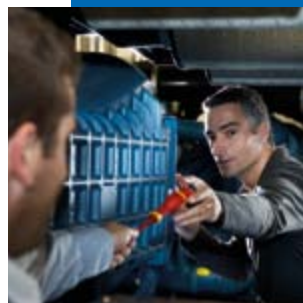
SDMO, OPTIMISING THE PERFORMANCE OF YOUR INSTALLATIONS IN COMPLETE SAFETY



SDMO's Service department provides day-to-day support for distributors and customers, so as to guarantee the reliability and performance of its generating sets and energy production plants.



Generating sets and energy production plants demand constant technological supervision. The Service department supports our distributors and customers via three independent but complementary units.



TECHNICAL SUPPORT

SDMO is dedicated to providing the constant technological surveillance that ensures the long life of its generating sets and power plants.

The industrial centre sees to it that power plants operate smoothly. Technical Support provides start-up for complex installations and acts as interface for all questions involving maintenance.

SDMO Technical Support provides a localised service to its clients all over the world, via its subsidiaries, liaison offices and distributors.

The consumer centre provides after-sales service for generating sets up to 15 kW.

It has two main areas of focus:

- Repair services for the whole of the Portable Power range, both under warranty and outside warranty.
- Maintenance and servicing of products up to 15 kW via its after-sales network in France and its network of distributors elsewhere in the world.

THE SPARE PARTS DEPARTMENT

Over 40,000 parts are stocked by the Spare Parts department, from full diesel engines to filters, control panels and electrical components. The department operates in a surface area of nearly 1700 m², of which 1200 m² is solely used for storage and preparation.

Every day, 400 orders are dispatched all over the world, with a controlled delivery time.

SDMO also offers its own spare parts and accessories. Much sought-after by our retailers, products under the **Genparts®** range are grouped into five main families: Filters, fluids, spark plugs, packs and accessories.



TRAINING

The SDMO training centre is based in Brest, and its purpose is to transfer to our distributors and their customers the knowledge required for installing, commissioning, using and maintaining their generating sets. The Training department is housed in a dedicated building covering 600 m², containing all the necessary resources: Teaching rooms, mechanical workshop, test bench, simulator, etc.

On average, each year the SDMO Training department runs approximately 2400 training days and welcomes more than 650 trainees. The sessions are adapted to the individual objectives of each trainee, and run by experienced professionals.

SALES OFFICES FRANCE

WEST

SDMO BREST

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WEST CENTRAL

SDMO CHOLET

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PARIS/ NORTHERN NORMANDY

SDMO GENNEVILLIERS

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SDMO ARRAS

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Fax: +33 (0)3 21 73 14 59

EAST

SDMO METZ

Tel: +33 (0)3 87 37 88 50
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SOUTH EAST

SDMO VALENCE

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SDMO AIX-EN-PROVENCE

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SOUTH WEST

SDMO TOULOUSE

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SUBSIDIARIES

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RUSSIA

SDMO MOSCOW

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TOGO

SDMO WEST AFRICA

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All SDMO products are
certified by a laboratory
with ISO 17025 accreditation



Energy Solutions Provider

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