

FREERK

■ **INDIVIDUAL** ■ **RELIABLE** ■ **EFFICIENT**
YOUR PARTNERSHIP FOR POWER SOLUTIONS



**MADE IN
GERMANY**



FRERK
■ INDIVIDUAL ■ RELIABLE ■ EFFICIENT
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INDIVIDUAL

Individual solutions are our strength in the field of decentralised energy supply. This results in electricity being available at all times wherever our customers need it: whether in industrial sites of Siberia, research facilities at the polar circle, oil production facilities in the desert or on the high seas; whether data centres, mobile or stationary applications, people need decentralized power supply solutions around the globe and in various industries. Each comes with their own challenges for which we provide an individual approach. At FRERK, we are experienced in helping customers worldwide to produce their individual solution.

RELIABLE

Over five decades of experience in designing and building power stations and generator sets result in reliability and quality at the highest level. To ensure our Emergency Diesel Generator Sets to work reliably at any time at our customers' premises we apply components of well-known manufacturers. In addition, every power solution product undergoes a comprehensive quality control and is being tested in our modern test facility.

EFFICIENT

Efficient products, efficient arrangements and efficient working procedures: Tailored to your needs and requirements we develop energy-efficient power stations and future-oriented hybrid solutions. Their components have been chosen and arranged to fit in perfectly even in the most constraint space. Furthermore, at FRERK we offer a single-source full service when it comes to consulting, manufacturing and testing as well as to installation, commissioning, maintenance, remote monitoring and 24-hour emergency call service.



CRITICAL INFRASTRUCTURS

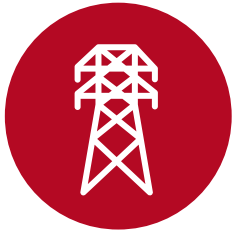
In hospitals, datacenters, airports and banks: Where reliable power supply is most crucial to our civilisation, FRERK knows where it's at. Our Black Start systems provide the power to restore the grid self-sufficiently after large-scale power outages (black out). You can rely on our built-in installations and on our containerised systems.



SCHEDULED PEAK LOAD & BALANCING POWER

The energy transition results in increasing demands as to energy management for both grid operators and grid consumers. With our power solution products FRERK contributes to meeting e.g. consumption peaks and therefore to managing your electricity production and energy supply, just in time. With this application, reliable starts and autonomous operation are highly demanded features.





DECENTRALISED POWER SUPPLY

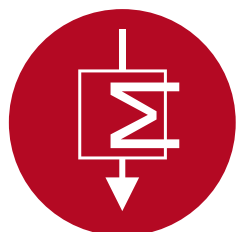
In remote areas without centralised power stations, highly energy efficient and decentralised power solutions are indispensable. Low fuel costs at long maintenance intervals are as important as continuous operating stability despite frequent load changes. Also you surely wouldn't want to waive out our technical support nor service.





OIL AND GAS INDUSTRY

Developing deposits or producing crude oil and natural gas is characterized by challenges. It is for this reason that there are high demands in the oil and gas industry in terms of safety and reliability of your plants. Additionally we know how to meet your needs in comprehensive documentation, fire protection and explosion protection.



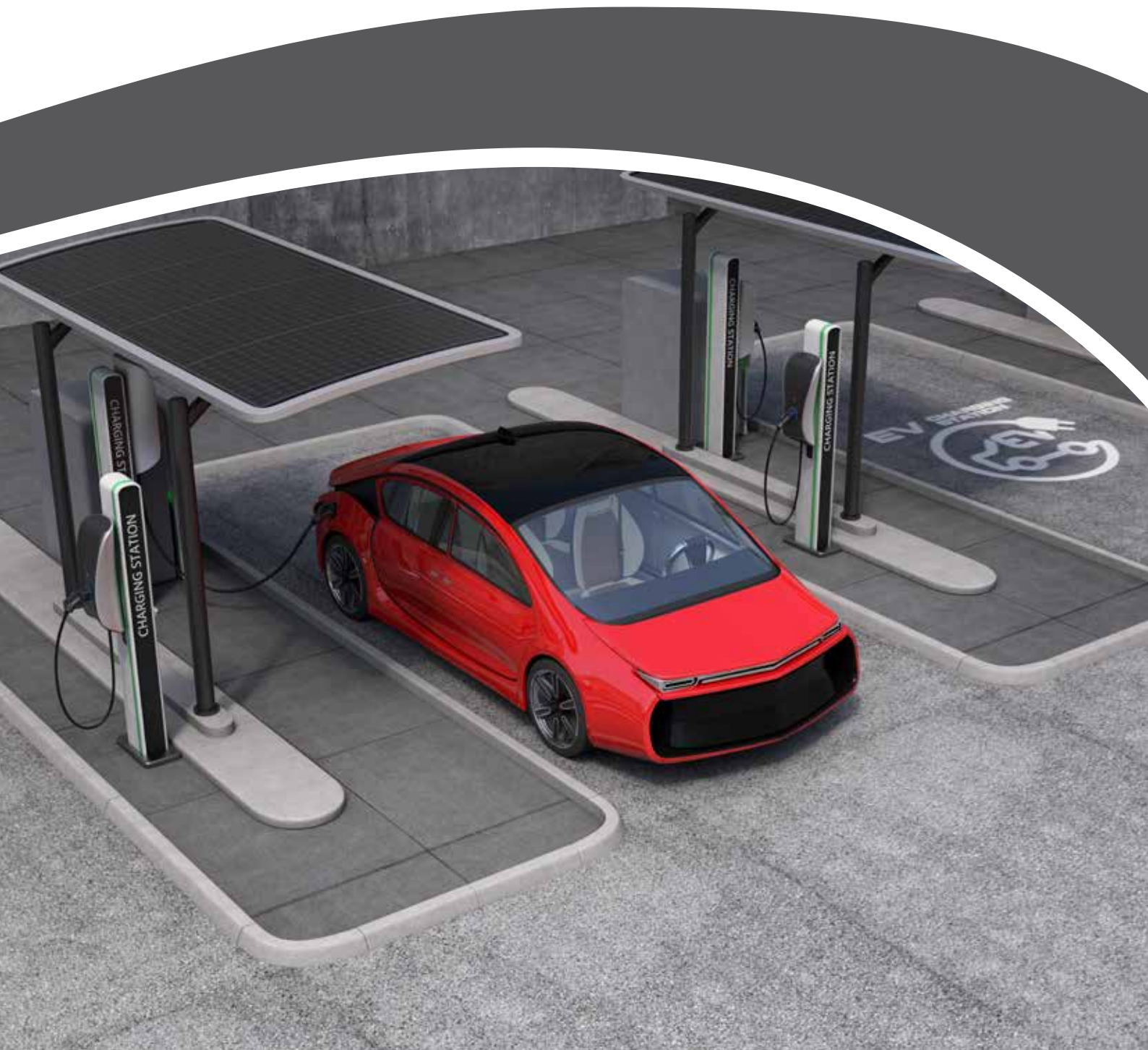
COMBINED HEAT AND POWER (CHP)

CHP units produce both power and heat so that generating energy from fuel becomes more efficient. In order to profit from synergetic effects in the cogeneration of heat and electricity we meet high and complex demands for integrating the CHP unit at your premises. FRERK is proud of their long history in designing CHP units and of heir profound experience in mastering the interaction of various energy sources.



HYBRID

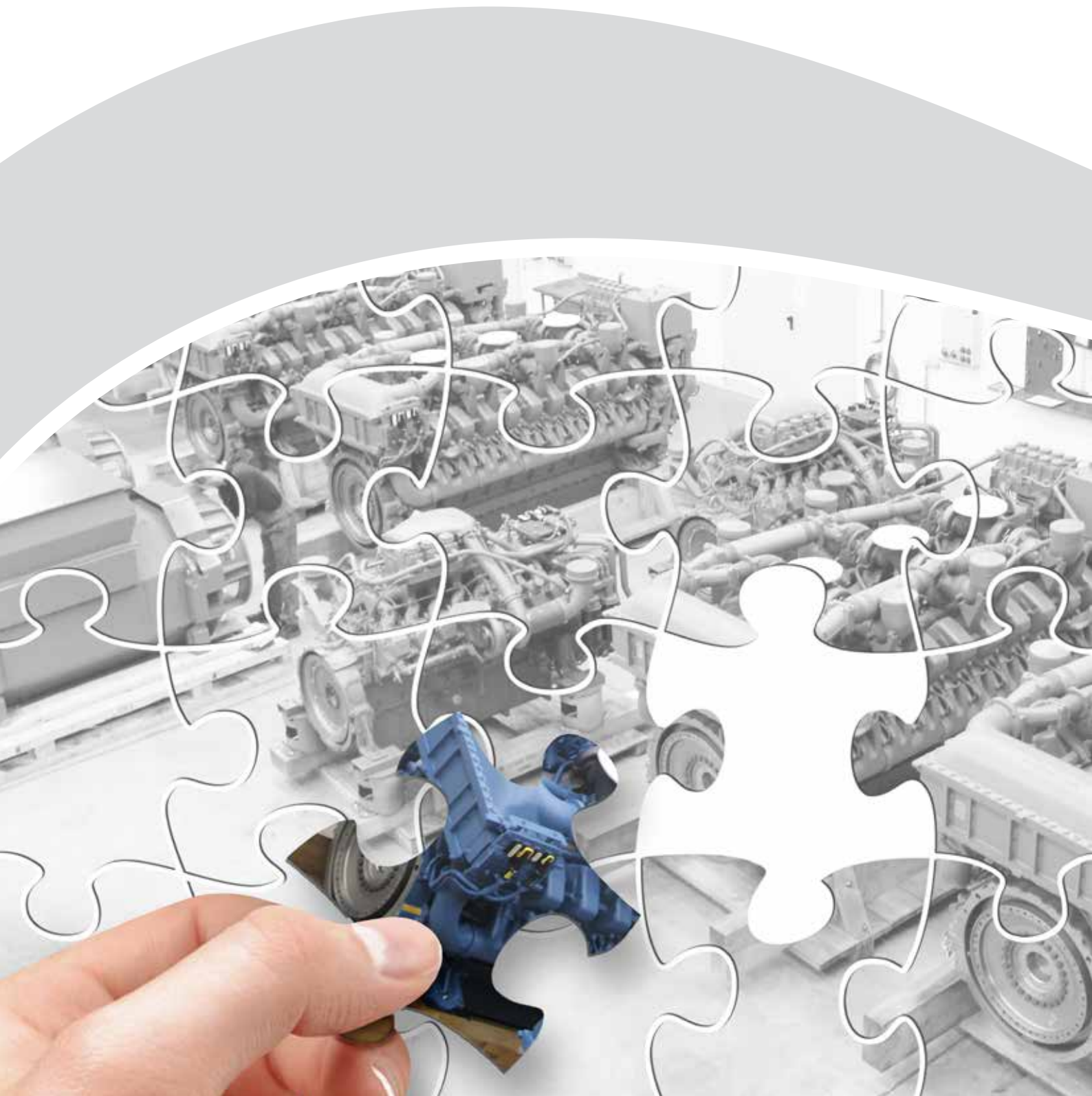
In the renewable energy sector FRERK is breaking new ground for optimizing and improving the power yield of your device. Whether you have a keen interest in battery storage or energy recovery solutions - with our future-oriented solutions you're always one step ahead.





OEM PACKAGING

FRERK is packaging partner for well-known OEM manufacturers from all over the world. While others may feel challenged with producing unique items or small quantities, we adapt flexibly to the quantities you require.





FRERK SERVICE

Once your system has been handed over our qualified and competent service technicians maintain and support it throughout the period of your service contract.

Single Source Service

The processes of FRERK-Service are matched to one another perfectly to help you saving time and money. We achieve because our Full Service is a Single Source Service: with us you can profit from our expertise in commissioning, maintenance, retrofits and overhaul as well as in-depth employee training, analysis, checks and test runs. For you we get right down to the nitty-gritty. Our Full Service is free from exceptions. We support and advise you producer-independently and adapt flexibly to your needs and requirements.



Always available

Our 24/7 emergency call service is just a phone call away: Tell us around the clock and allthrough the year when and where you need us. Highly-qualified service technicians will be on site within the contractually agreed response time. They will help securing the availability of your energy supply.



Overhaul

By overhauling and retrofitting, FRERK brings your device to the current state of the art cost-effectively. This is how to apply modern technology in used gensets, Diesel engines or electrical switchboards for improved performance.



Maintenance and repair

We maintain and repair your producer-independently device.

OUR RANGE OF FULL-SERVICE



PROJECT PLANNING

planning, designing, constructing (CAD 2D/3D), calculating



PROJECT MANAGEMENT

comprehensive project management that includes coordinating the just in time supply of customer-owned parts and managing procurement of all components



PRODUCTION

producing low-voltage and medium-voltage devices with a stand-alone performance of up to 10 MW.

Our facilities cover a production space of 10,000 m² and dispose over crane capacity of up to 100 t.



FACTORY TEST

factory testing in our test bays for gas or diesel driven devices e.g. by water resistance and / or load banks





TRANSPORT

coordinating transport and managing customs clearance



ASSEMBLY AND ELECTRICAL INSTALLATION

Our devices are comprehensively assembled and wired ex-works. Alternatively our site and installation management will provide you with excellent on-site support.



COMMISSIONING



PEAK POWER SINCE MORE THAN 50 YEARS

1964

Volker Frerk founds an engineering company in Balge to manufacture generating sets for up to 0,64 MW.

1978

Construction of a production hall with office building in Schweringen

1994

Acquisition of FRERK Aggregatebau GmbH by Uwe Fiebiger, Horst Depine and Erich Hiller

1998

Foundation of FRERK & Harloff GmbH

2000

Foundation of a sales office in Viernheim, South Germany

2001

Construction of a new production hall with four modern testing stations

2002

Certification according to ISO 9001:2008

2008

Construction of a further production hall: Expansion of space for production to 11000m²

2010

Construction of a further office building
Expansion of total area to 25000 m²

2011

Construction and commissioning of 1500m² storage facilities

2013

Construction and commissioning of a 2.100m² hall for overhauling and refitting used generating sets
Certification according to ISO 3834: welding in series production, individual manufacture, maintenance and repair as well as on the site (assembly); valid for all welding applications

2017

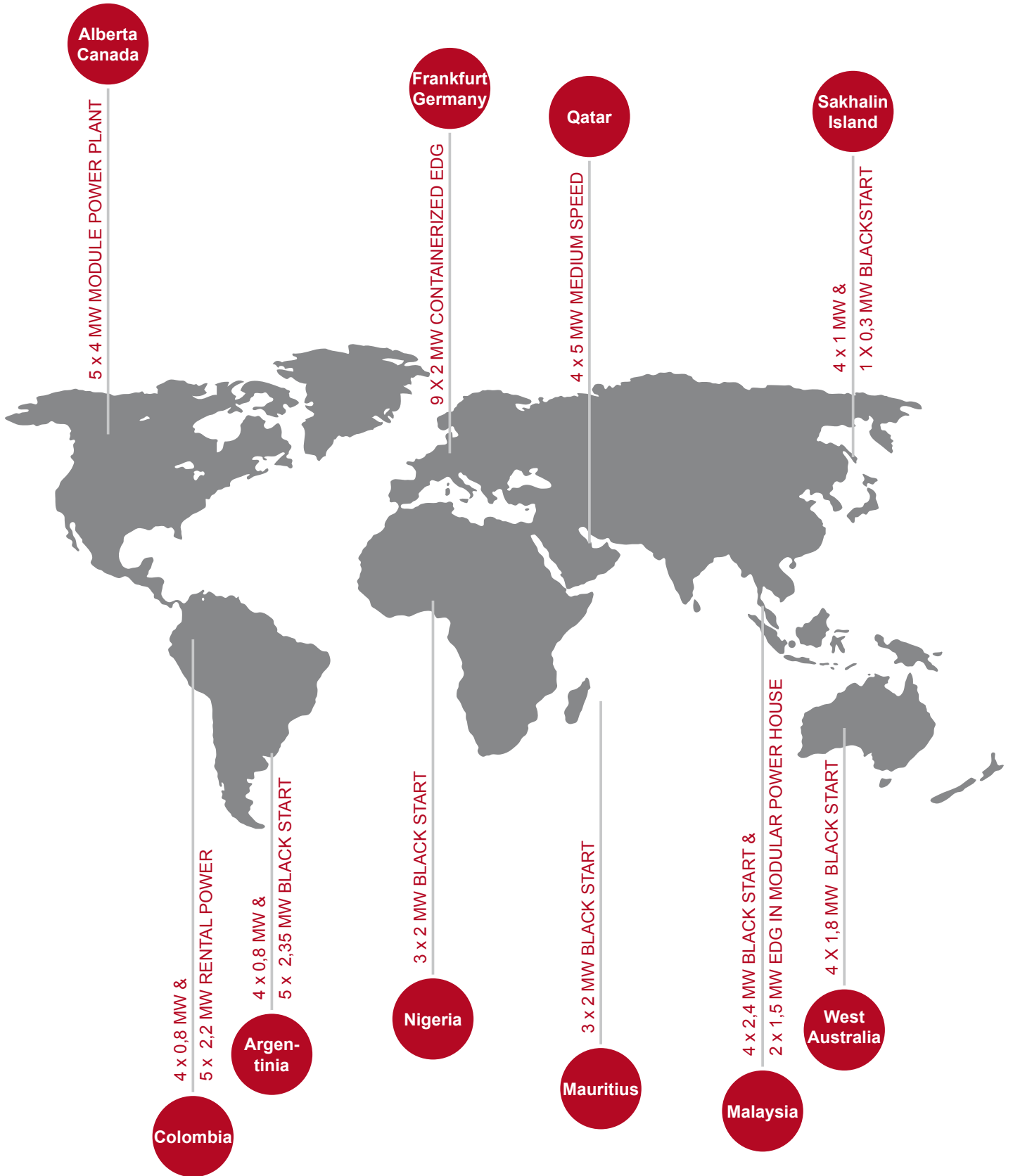
Set sail for the future by reorganizing the company and expanding the group of shareholders

2018

Certification according to ISO 9001:2015



FRERK POWER ALL OVER THE WORLD





OUR EMPLOYEES



FRERK is proud of their experienced and highly qualified employees. Each of them is passionate about what they do and is personally committed to support our customers worldwide with their technical expertise.

FRERK is also proud of their international members of staff. Thanks to their intercultural competences and individual skills we can adapt our product design suitably and improve collaboration.



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