



OUR PASSION FOR
ESSENTIAL SERVICES AND SUPPLIES

RELIABLE DISTRIBUTION
TECHNOLOGY FOR ENERGY AND
UTILITIES ENGINEERING

hensel-electric.de

HENSEL

A STRONG BRAND.

We win as a team, because every single one of us makes a substantial contribution with our commitment, actions and attitude: for our customers, suppliers and partners – worldwide.

We use our long-term solution competence to set new standards again and again. And do so as a family-owned business - as HENSEL.



PHILOSOPHY

WITH PASSION AND ENERGY, WE ENSURE SAFE CONNECTIONS, SO THAT LOW-VOLTAGE ELECTRICAL POWER IS MEANINGFULLY DISTRIBUTED.





MORE THAN 90 YEARS OF EXPERIENCE – YOUR ELECTRICAL ENERGY POWERS US

HENSEL is a leading, internationally operating provider of electrical installation and distribution systems for the safe distribution of electrical energy in challenging environments.

Many installation challenges in commercial and industrial buildings, in outdoor applications, in transport infrastructure systems and in photovoltaic installations are reliably solved thanks to HENSEL products.

Above all, it is the electrical industry and electrical plant construction companies that use HENSEL branded products and value our company's technical competence.

Cutting-edge production processes for maximum quality

State-of-the-art plastics processing and advanced metal and surface coating production processes are a technical requisite for our high-quality electro-mechanical products.



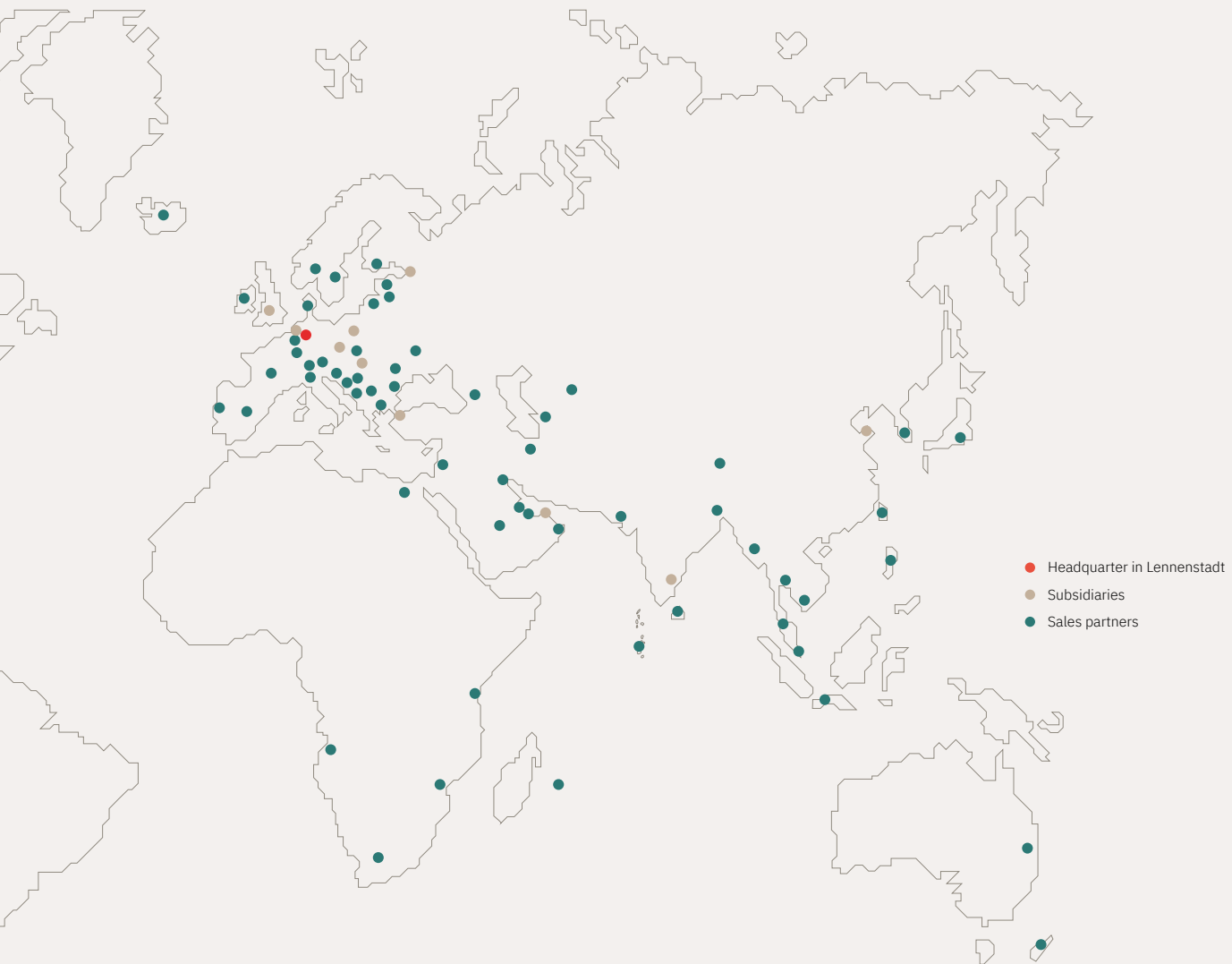
FAMILY
COMPANY



SINCE
1931

International presence

HENSEL guarantees local support and a high degree of availability thanks to its 4 locations in Germany, 10 subsidiaries and 60 international partners.



MORE THAN 60 INTERNATIONAL PARTNERS



ELECTRICAL INSTALLATION AND DISTRIBUTION SYSTEMS



850 EMPLOYEES



13 SUBSIDIARIES NATIONALLY AND INTERNATIONALLY

ELECTRICITY

FRESH WATER

RECYCLABLE MATERIALS

CALL MINUTES

FUELS

DATA

ENERGY AND SUPPLY TECHNOLOGY – BECAUSE NOTHING WORKS WITHOUT THEM

The need for a reliable energy supply is too great and it is too relevant to our everyday lives to risk an outage. So that we can be safe supplied with energy in the future and keep everyday life going, we use our many years of expertise.

Reliable energy supply in essential areas.

The field of energy and utilities engineering is of enormous importance in our everyday lives. The provision of energy, water and gas, the disposal of sewage and waste and the establishment of communication and data connections are indispensable in today's world.

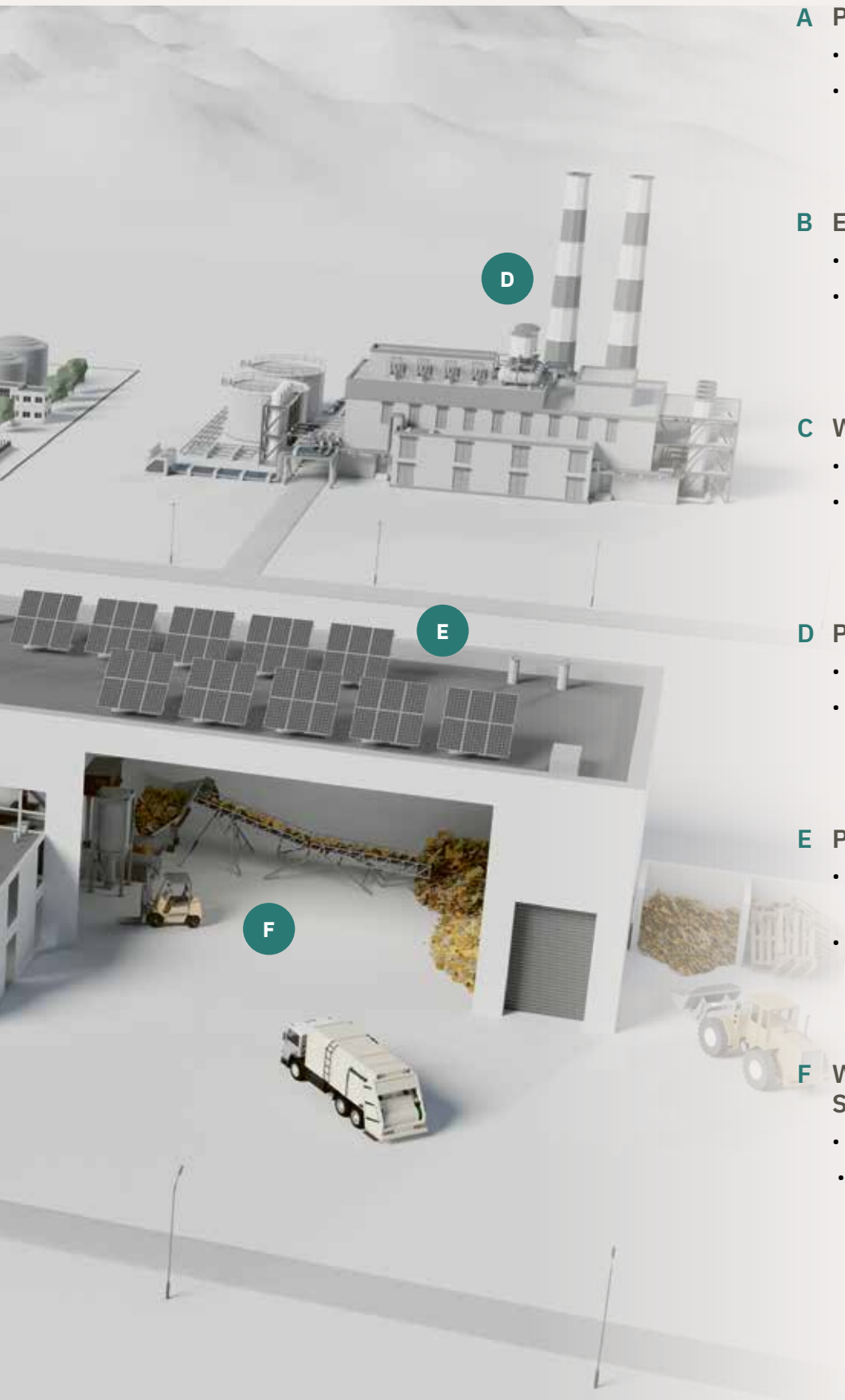
If any of these services fail, it will have a dramatic impact on everyday life. That's why well-planned energy distribution systems with high-quality products are a must.





OUR PRODUCTSOLUTIONS FOR A RELIABLE DISTRIBUTION TECHNOLOGY FOR ENERGY AND UTILITIES ENGINEERING





A PETROL STATIONS

- Power supply often outdoors
- Dusty and damp conditions

B ELECTRICAL SUBSTATIONS

- Fail-safe systems
- Special electrical requirements

C WATER TREATMENT PLANTS

- Power supply often outdoors
- Damp/wet conditions

D POWER PLANTS

- Fail-safe systems
- Special electrical requirements

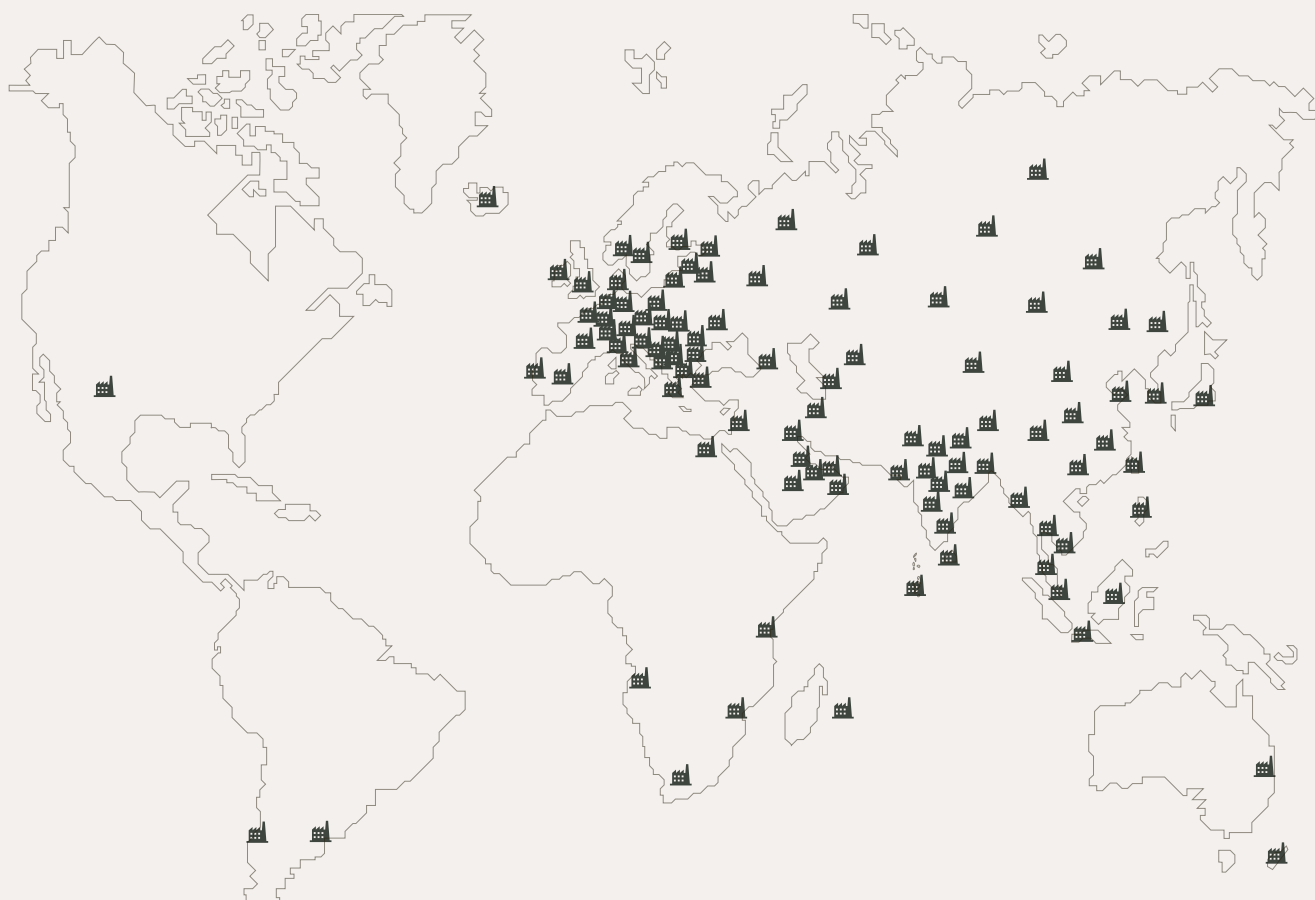
E PHOTOVOLTAICS

- Different PV applications
- Varying weather conditions

F WASTE MANAGEMENT SERVICES

- Dusty and damp conditions
- Heavy mechanical loads





ENERGY AND UTILITIES ENGINEERING –

Reliable supplies worldwide

HENSEL products are used globally in electrical installation and distribution technology, always in challenging environments.

With more than 90 years of expertise in the field, we ensure the successful, sustainable implementation of projects in more than 60 countries.



WHERE ENERGY IS RELIABLY GENERATED

Special challenges

- + Fail-safe systems
- + Special electrical requirements
- + Individual building services and security systems
- + Staff safety

Our solution

- + Ready-to-use, maintenance-free distribution systems
- + Protection class II ensures the safety of untrained personnel
- + Individual product solutions



WHERE EVERY RAY OF SUN COUNTS





To ensure maximum system availability, the total output is distributed between several power inverters.

Individual product solutions ensure a reliable distribution of electricity.



Special challenges

- + Different PV applications, e.g. rooftop panels or solar farms
- + High solar radiation
- + High temperature differences
- + Varying weather conditions

Our solution

- + Quick and easy to install
- + UV-resistant products suitable for installation in outdoor spaces
- + A high IP protection class ensures protection against dust and humidity
- + Protection class II guarantees the safety of untrained personnel
- + Simple expansion of the installation via the Mi system's modular function
- + Individual product solutions

WHERE EVERY LITRE MUST FLOW SMOOTHLY

Special challenges

- + Power supply often outdoors
- + Dusty and damp conditions
- + Outdoors can have high temperature differences
- + Reliable power supply

Our solution

- + Chemical resistance, silicon- and halogen-free product solutions
- + High degree of protection against mechanical stress
- + The high IP protection class ensures protection against dust and humidity
- + Resistant against extreme temperatures
- + Maintenance-free products thanks to high quality
- + Individual product solutions





Oil and gas terminal,
India/Dubai





WHERE NO WASTE IS WASTED

Special challenges

- + Dusty and damp conditions
- + Outdoors can have high temperature differences
- + Heavy mechanical stresses

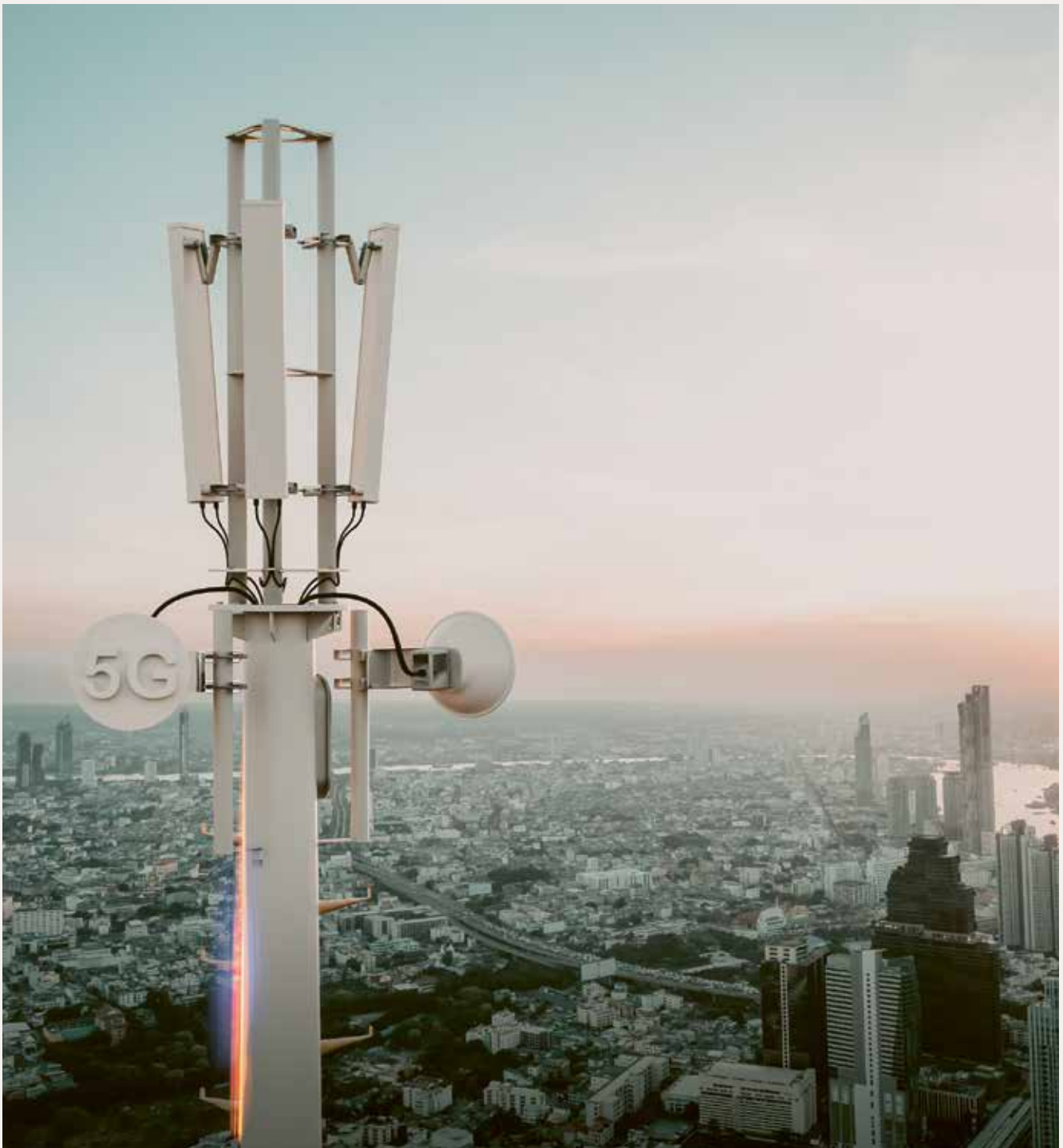
Our solution

- + Chemical resistance, silicon- and halogen-free product solutions
- + High degree of protection against mechanical stress
- + The high IP protection class ensures protection against dust and humidity
- + Resistant against extreme temperatures
- + Maintenance-free products thanks to high quality
- + Individual product solutions



HENSEL cable junction boxes have a high IP protection class and are suitable for use in dusty and damp conditions.

WHERE BITS AND BYTES ENSURE
CLEAR COMMUNICATION





Telecommunications and cell towers, Ukraine

Special challenges

- + Power supply often outdoors
- + Dusty and damp conditions
- + High temperature differences
- + Heavy mechanical stresses
- + Hard to access electrical systems

Our solution

- + The high IP protection class ensures protection against dust and humidity
- + Electrical installation and distribution systems for protected and unprotected outdoor installation
- + Resistant against extreme temperatures
- + Maintenance-free products thanks to high quality
- + Individual product solutions



WHERE CLEAN WATER ENSURES QUALITY OF LIFE

Special challenges

- + Damp/wet conditions
- + Outdoors can have high temperature differences
- + Hard to access electrical systems

Our solution

- + The high IP protection class ensures protection against dust and humidity
- + Electrical installation and distribution systems for protected and unprotected outdoor installation
- + Resistant against extreme temperatures
- + Ventilation inserts to prevent condensation
- + Maintenance-free products thanks to high quality
- + Individual product solutions



Water treatment and sewage plants in China



Water treatment and sewage plant in Danzig, Poland

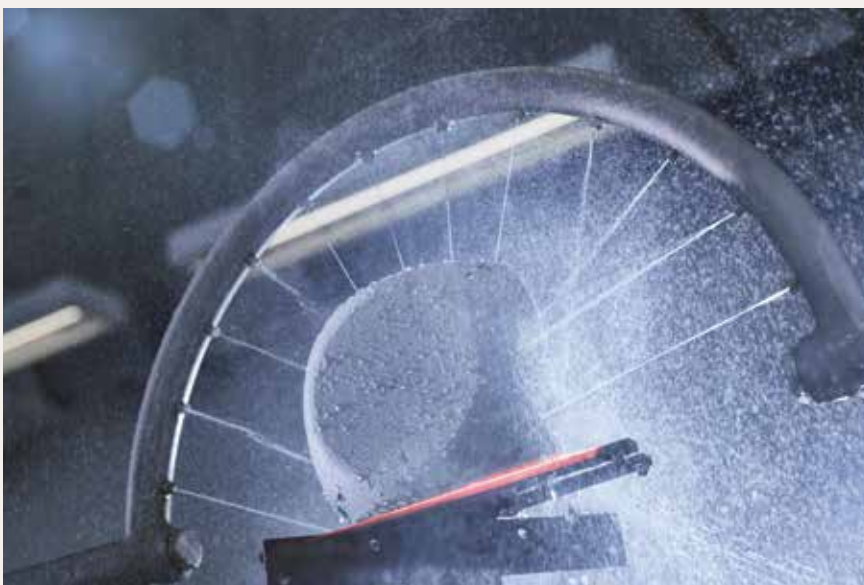
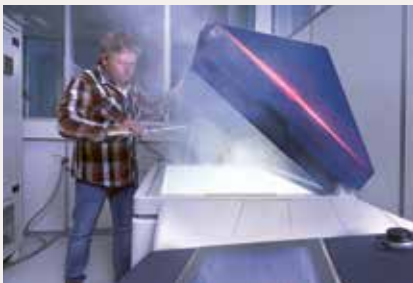
MODERN TEST METHODS – HENSEL STANDS FOR CERTIFIED QUALITY.

Places with dusty and humid environmental conditions that pose great challenges to electrical installation require products of the highest quality for the reliable distribution of electrical power in the low-voltage range.

- + Durability of plastic materials
- + Tests on electromagnetic susceptibility (EMC tests)
- + Fire behaviour
- + Limits of temperature rise
- + Functional tests
- + IP degree of protection (dust and water protection)
- + Impact resistance
- + Temperature resistance
- + Corrosion resistance
- + Dimensions check via structured light projection



VDE-certified test laboratory





HIGH QUALITY STANDARDS GUARANTEE THAT OUR PARTNERS HAVE THE CRUCIAL COMPETITIVE EDGE:

- _ Certified quality standard according to DIN EN ISO 9001:2015 for all production sites of the HENSEL Group.

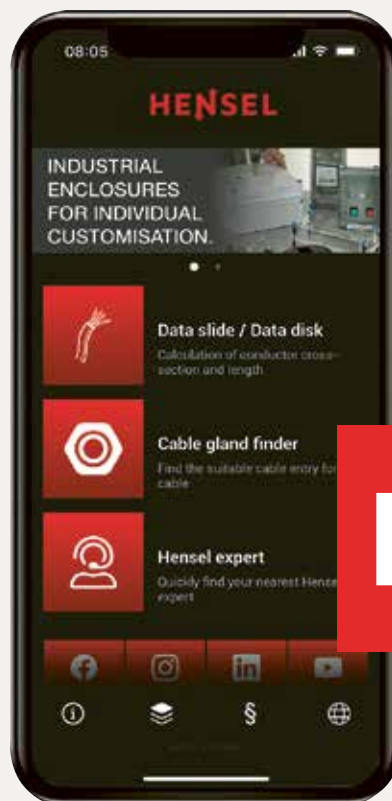
- _ Lean processes and efficiently positioned for the future. Continuous optimization: Lean management / HENSEL PEP system

- _ Safe manufacturing processes:
 - . Occupational Health and Safety
 - . Energiemanagement nach DIN EN ISO 50001
 - . Environmental management according to DIN EN ISO 14001

ENYEXPERT – MORE KNOWLEDGE IN YOUR HAND

Always be up-to-date on the go. In addition to useful information, the HENSEL app offers simple and practical tools to make your everyday work easier.

- + **Data slide / data disc**
Determination of conductor cross-section and length
- + **Cable gland finder**
Find the suitable cable entry for your cable
- + **HENSEL expert**
Quickly find your nearest HENSEL expert



AVAILABLE FOR ANDROID AND
IOS (FREE OF CHARGE)



ANDROID
Scan QR-Code



IOS
Scan QR-Code

SERVICE@HENSEL – DIGITAL, ANALOGUE AND ON SITE

In addition to the ENYEXPERT app, HENSEL offers other useful and innovative tools that significantly facilitate the everyday work in the electrical trade:



+ MY HENSEL-BOX

Your Logo on the HENSEL-box

Use the HENSEL-box as a business card for your installation services



Please contact your HENSEL expert:
hensel-electric.de

+ ENYGUIDE

The 3D Configurator for Mi- and ENYSTAR distribution boards

Whether as a 2D drawing or as a three-dimensional image – The intuitive 3D planning tool ENYGUIDE supports electrical specialists in the planning, project planning and ordering of HENSEL ENYSTAR and Mi Distribution boards.



More:
enyguide.de

+ CALCULATION TOOL

for the verification of the permissible temperature rise

The online tool for quickly and easily determining the power loss.



+ PORTAL 61439

The platform with all information about design and assembly according to IEC 61439 / EN 61439.



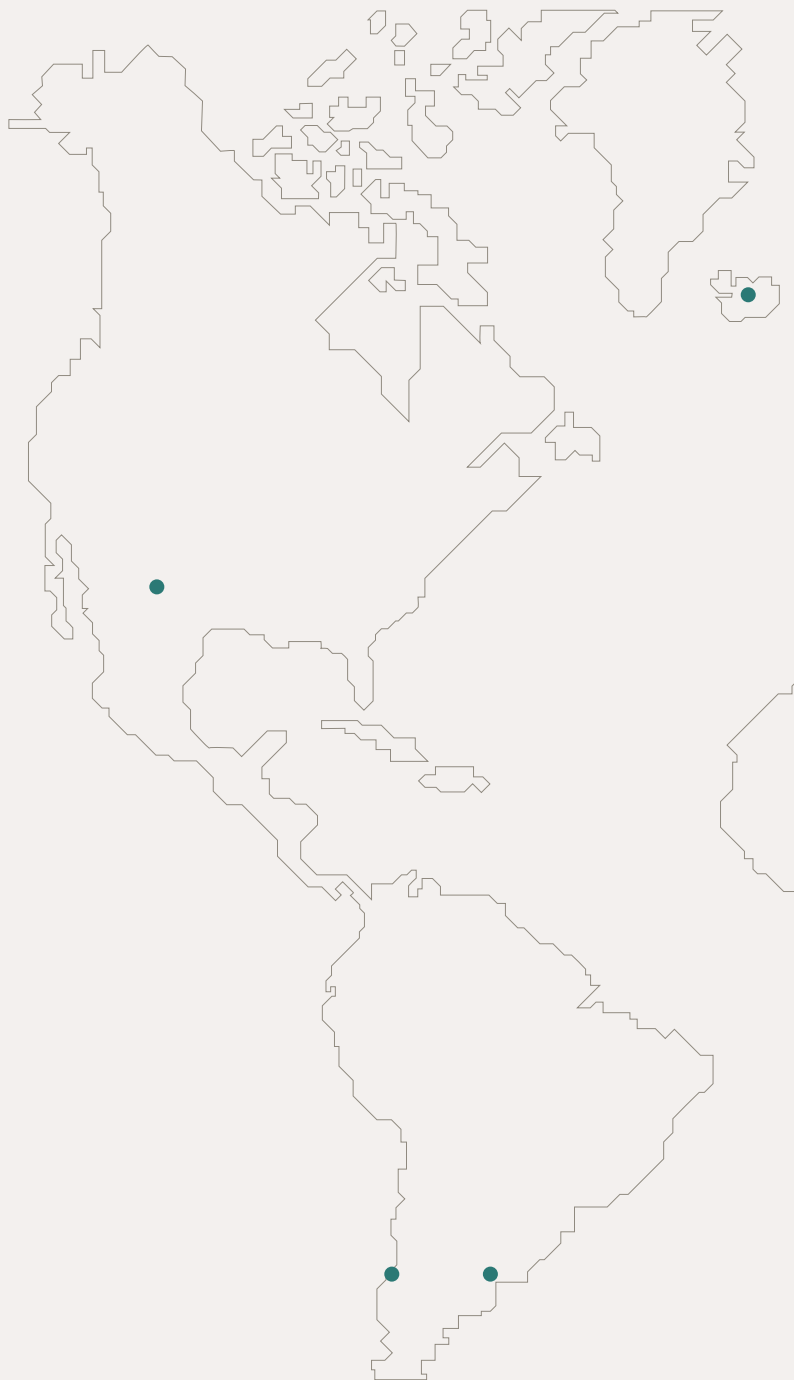
WE PROVIDE YOU WITH PROJECT SUPPORT!

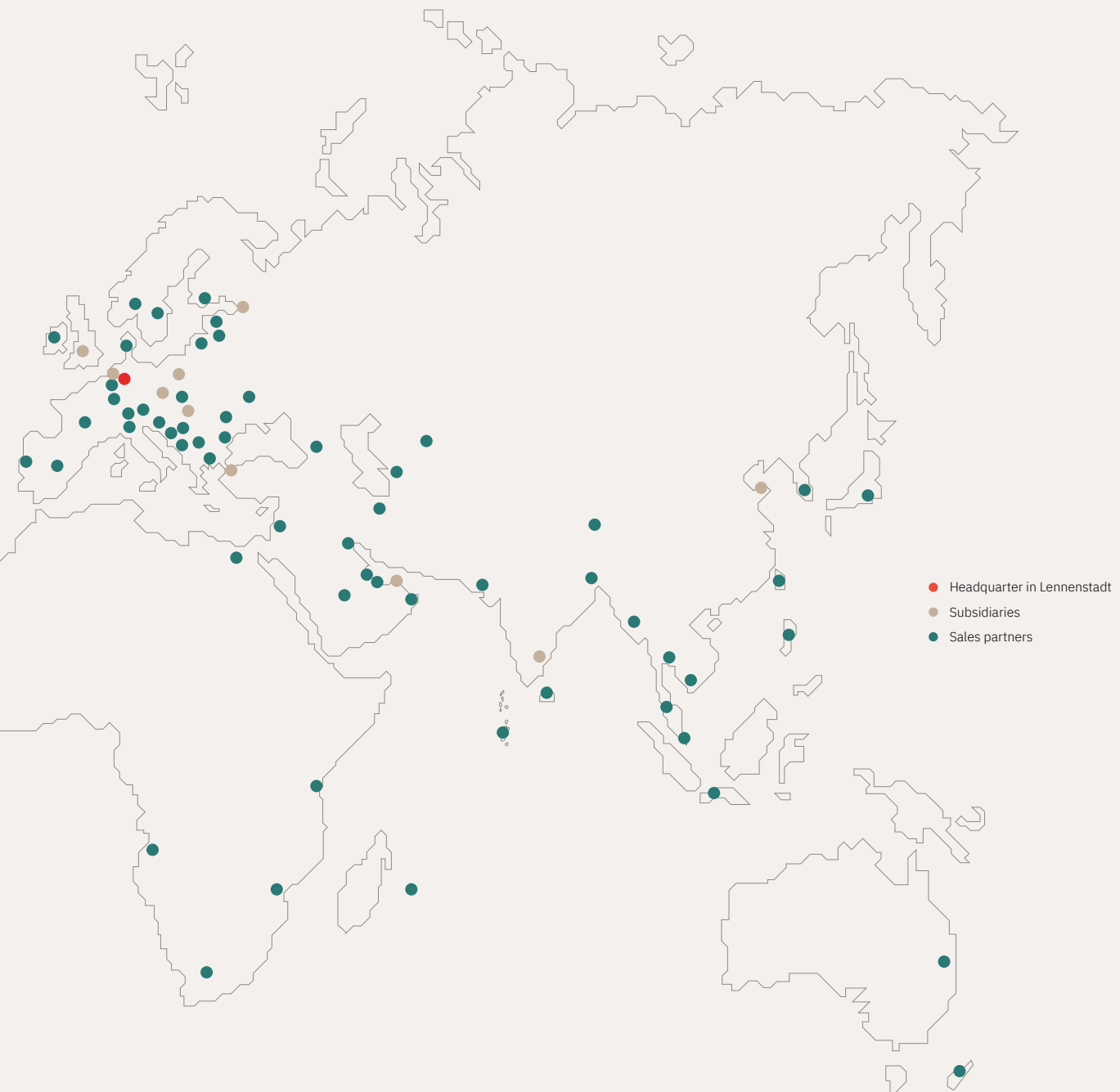
HENSEL maintains a close-knit network of technical field offices, distribution bases, subsidiaries and foreign representative offices throughout the world.

Please scan the QR code or see our website

www.hensel-electric.de

to get detailed information.





Gustav Hensel GmbH & Co. KG

Gustav-Hensel-Str. 6
57368 Lennestadt, Germany
+49 2723 609-0
info@hensel-electric.de

hensel-electric.de