



FOR A SAFE
ELECTRIC FUTURE.

hensel.in

HENSEL

FOR A SAFE ELECTRIC FUTURE.

Electrical energy flows everywhere. It provides light, heat and movement. As a family-owned company operating worldwide, we guarantee the safe distribution of electrical energy in industry, commerce and infrastructure.

With over 1,000 employees, 640 of them in Germany, 13 subsidiaries in Germany and abroad, we have been operating successfully in the market for over 90 years. We work enthusiastically to take our products and services to the next level. Solutions for photovoltaics and e-mobility are becoming increasingly important. In this way, we are making an active contribution to the energy transition and working towards a safer electric future.



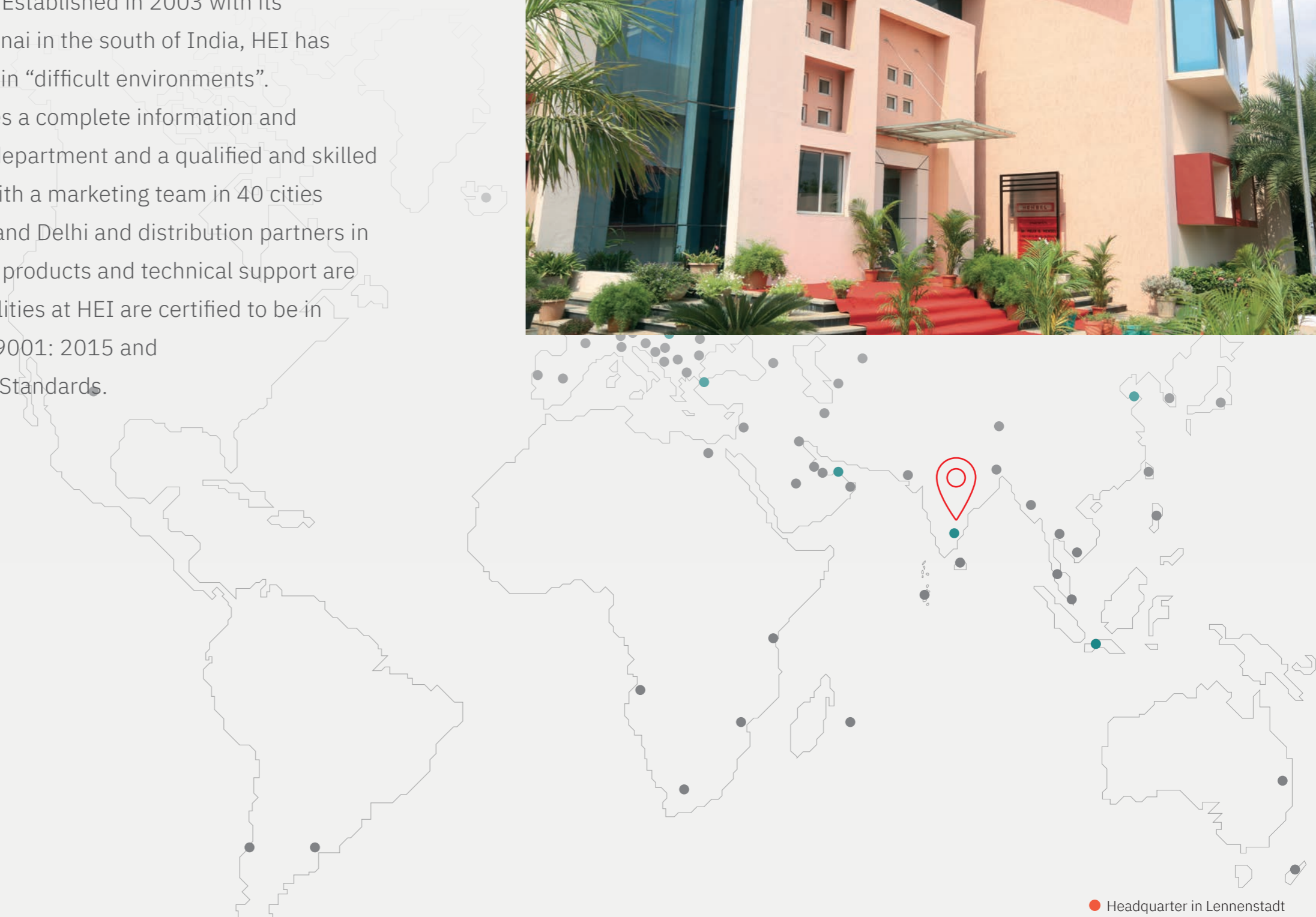
WELCOME TO HENSEL ELECTRIC INDIA INDUSTRIAL ELECTRICAL POWER DISTRIBUTION SYSTEMS

Hensel Electric India Private Limited (HEI) is a wholly owned subsidiary of Gustav Hensel GmbH & Co. KG., Germany. Established in 2003 with its headquarters near the coastal city of Chennai in the south of India, HEI has provided innovative solutions to problems in “difficult environments”. The integrated competence center includes a complete information and exhibition area, design and development department and a qualified and skilled production and quality assurance team. With a marketing team in 40 cities backed by branches in Vadodara, Kolkata and Delhi and distribution partners in 150 industrial centres, we ensure that our products and technical support are available to customers nationwide. All facilities at HEI are certified to be in compliance with the requirements of ISO 9001: 2015 and ISO 14001: 2015 by the Bureau of Indian Standards.



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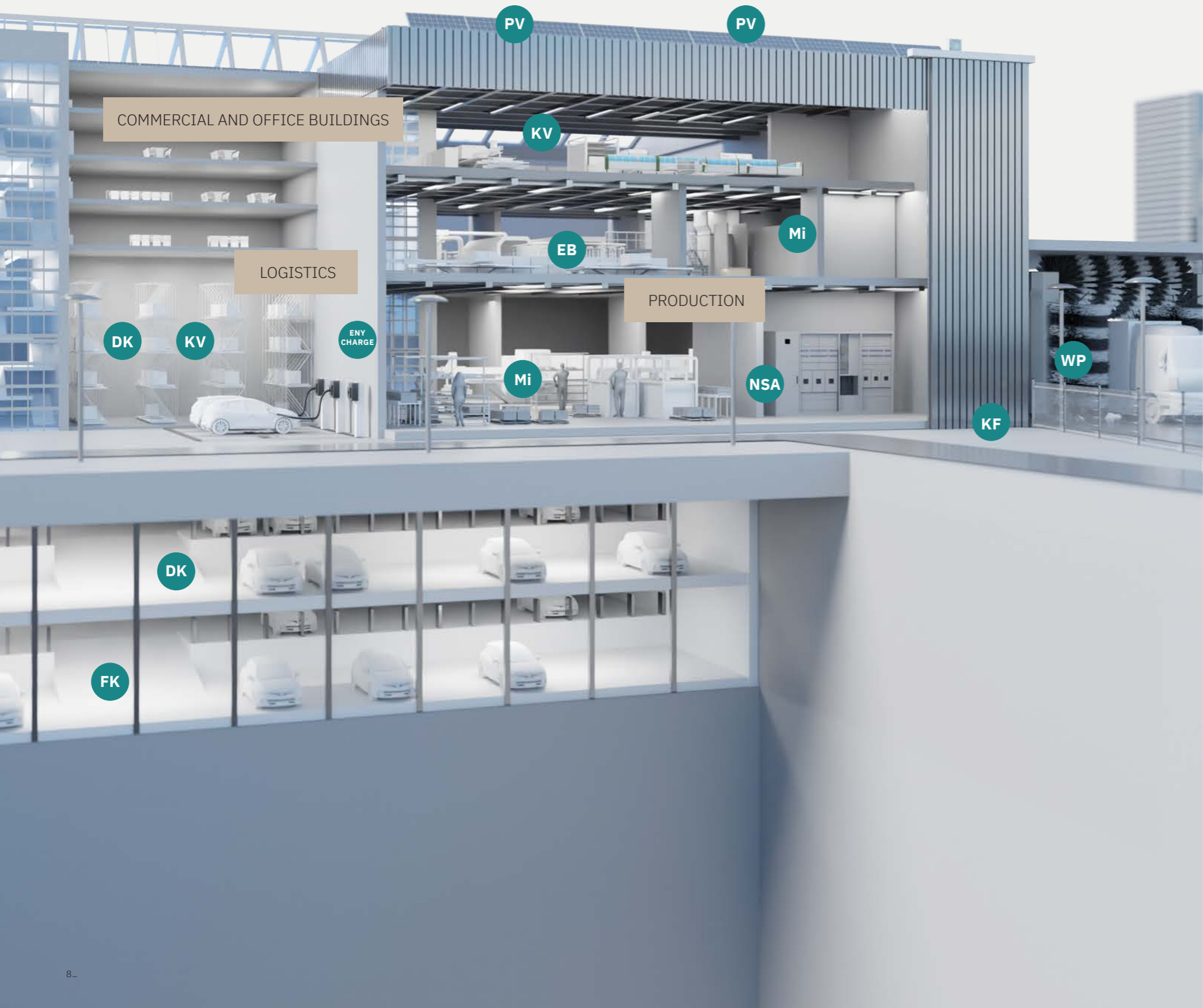


- Headquarter in Lennenstadt
- Subsidiaries
- Sales partners

INDUSTRY – EFFICIENT PROCESSES IN CHALLENGING ENVIRONMENTS

The reliable distribution of electrical energy is of great importance to industrial companies. Furthermore, the shift towards process optimisation, automation and digitalisation further increases the need for safe power distribution. And no wonder: because if power supply goes down, it will take systems offline or even cripple factories entirely.

OUR PRODUCT SOLUTIONS FOR INDUSTRIAL AND COMMERCIAL BUILDINGS AND OUTDOOR INSTALLATION



ENYCASE®

Cable junction boxes



DK

For indoor - normal environment and (or) protected outdoor installation



KF

weatherproof

For unprotected outdoor and offshore applications



KX

Suitable for Ex Zones 2 and 22

For use in potentially explosive atmospheres



WP

waterproof

For encapsulation, for extreme applications



FK

with functional integrity

E30-E90 and PH120 insulation integrity

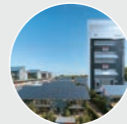
ENYBOARD

KV distributors up to 63 A



KV

For indoor - normal environment and (or) protected outdoor installation



KV

weatherproof

For unprotected outdoor installation

ENYSTAR®

Distribution boards with doors up to 250 A



FP

ENYMOD

Mi power distributors up to 630 A



Mi

ENYSUN

Product solutions for photovoltaic distribution systems



PV

ENYFLEX

Customised solutions and individual applications according to IEC 62208



EB

ENYCON

Temporary Power Distribution System



CP

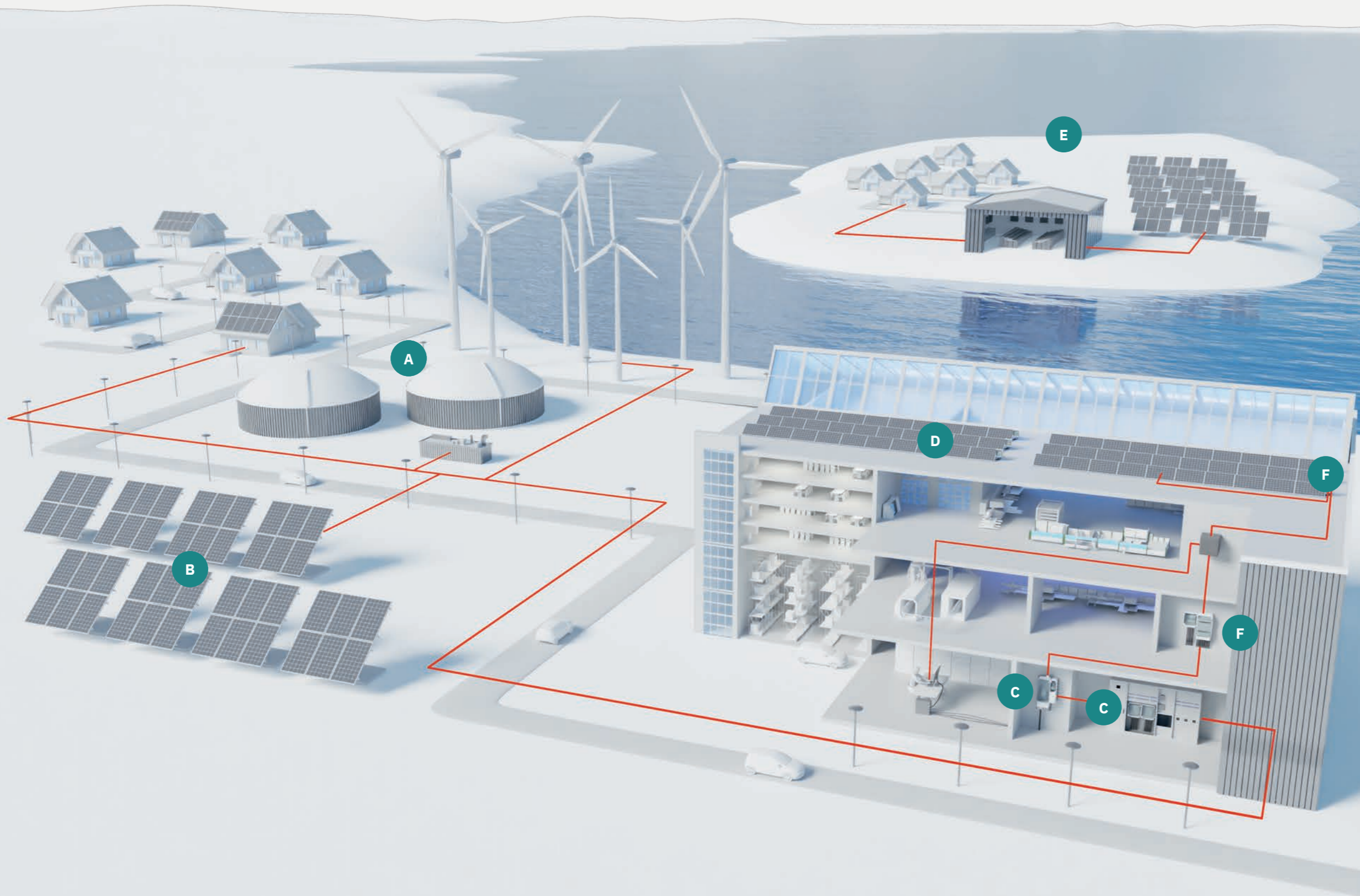
SOLAR POWER – THE ENERGY OF THE FUTURE!

Renewable energy is becoming increasingly important. Just in one single day, the sun provides the earth with 3,000 times more energy than we need, making it an inexhaustible source of energy.

The energy emitted from the sun accounts for 850 to 1,200 kWh/m² a year, depending on the location. The closer to the equator, the more energy is emitted.

Safe, clean and environmentally friendly energy is required on all fronts. For more than 10 years, the production of solar power has risen globally, with the annual growth of new installations reaching more than 100 GW, with an upward trend.

OUR PRODUCT SOLUTIONS FOR CLEAN ENERGY



A BIOGAS PLANTS/SMALL WIND TURBINES

- HENSEL products can also be used for energy production via biogas and small wind turbines

B OUTDOOR INSTALLATIONS

- Large PV systems
- Alignment towards the sun
- Solar trackers

C DISCONNECTION UNIT + SWITCHGEAR ASSEMBLY

- Connecting generator plants to a low-voltage grid
- Standardised solutions (ready for use)
- Individual solutions

D ROOF INSTALLATIONS

- Most popular type of installation
- Optimal alignment on flat roofs

E OFF-GRID

- Energy production in areas with no power grid
- For village electrification and for water supply

F PV GENERATOR JUNCTION BOX + PV POWER INVERTER COLLECTOR

- Connecting solar modules to the power inverter (ready for use)
- Connecting power inverters to isolation units (complete sets)
- Standardised solutions
- Individual solutions

ELECTRICITY

FRESH WATER

RECYCLABLE MATERIALS

CALL MINUTES

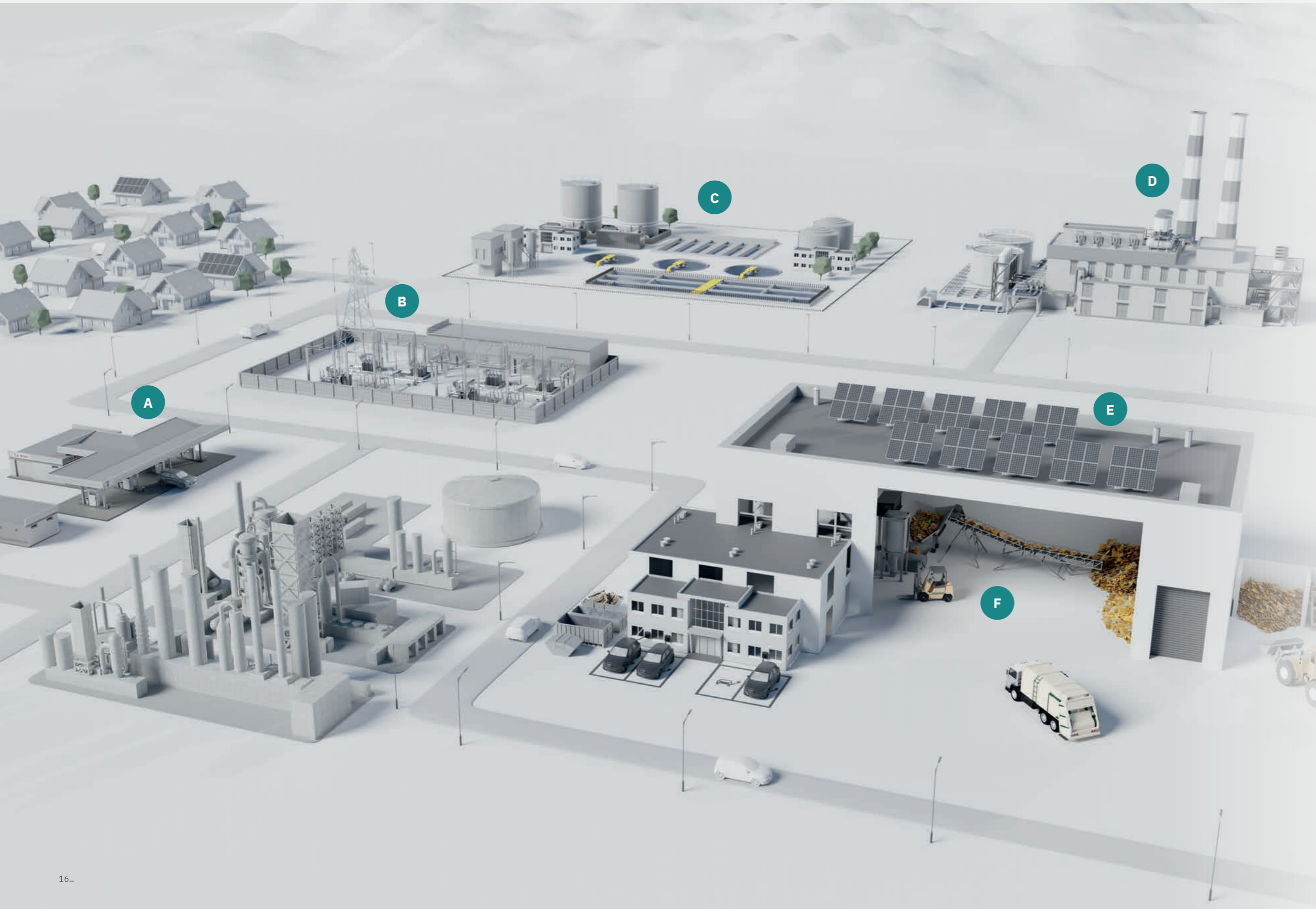
FUELS

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.

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

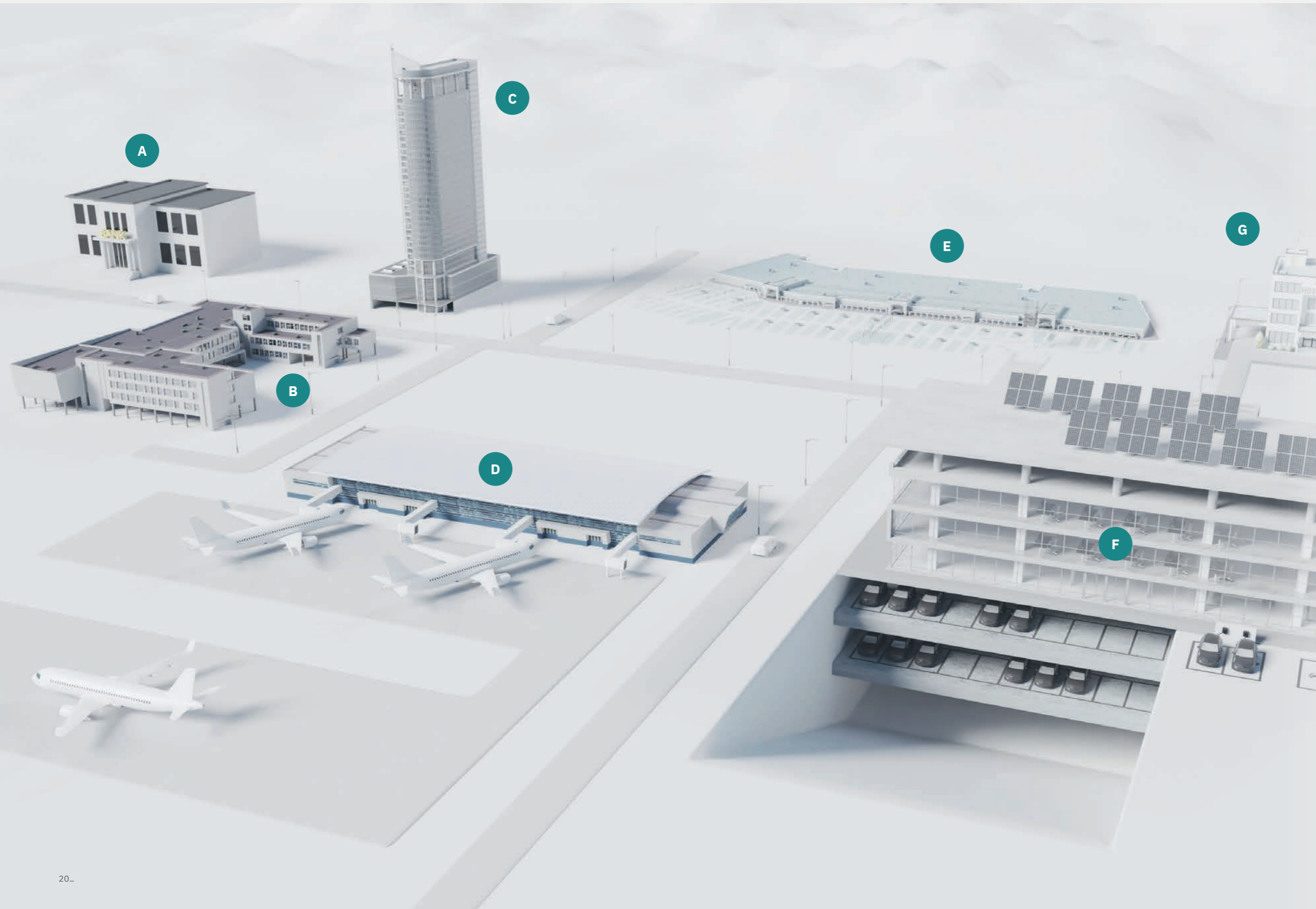
- Dusty and damp conditions
- Heavy mechanical loads



SAFE BUILDINGS – FOR CHALLENGING INFRASTRUCTURES

An ever-increasing level of highly complex technology is being used in modern buildings. At the same time, the electrical components are becoming ever more sensitive. This increases the demands for safe and reliable electrical installations.

OUR PRODUCT SOLUTIONS FOR SAFE BUILDINGS



A BANKS AND INSURANCE BUILDINGS

- Reliable IT systems

B SCHOOLS AND UNIVERSITIES

- Custom building technology

C HOTELS AND CINEMA CENTRES

- Special requirements for fire protection

D TRANSPORT INFRASTRUCTURE BUILDINGS

- Special requirements for fire protection

E LEISURE AND SHOPPING CENTRES

- Custom building technology and security systems

F INDUSTRIAL, COMMERCIAL AND FUNCTIONAL BUILDINGS

- Custom building
- Fail-safe technology

G HOSPITALS AND CLINICS

- Sensitive technical medical processes which do not permit interruptions

SOLUTIONS FOR A SAFE ELECTRICAL FUTURE

The HENSEL product portfolio covers the entire spectrum of electrical power distribution. From the smallest cable junction box to an extensive substation, electrical professionals rely on brand solutions from HENSEL - especially where it really matters. Together with the planning and consulting expertise as well as the numerous supporting services,

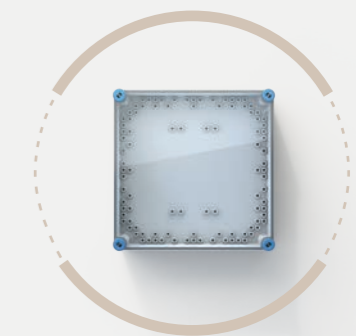
HENSEL offers the perfect all-inclusive package for truly safe electricity.



ENYCASE
Cable junction boxes
0.75 to 240 mm²



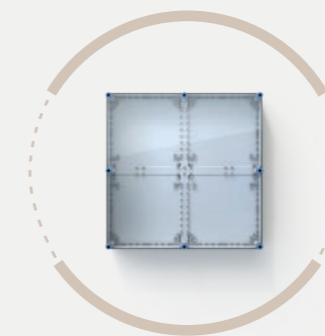
ENYBOARD
Small-type distribution boards
3 to 54 modules



ENYFLEX
Empty enclosures
in accordance with IEC 62208



ENYSTAR
Distribution boards with door
up to 250 A



ENYMOD
Mi power distribution boards
up to 630 A



ENYSUN
Safe and professional product
solutions for Photovoltaic plants



ENYFIT
Cable entry systems



ENYCHARGE
Multicharging system



ENYCON
Temporary Power
Distribution System

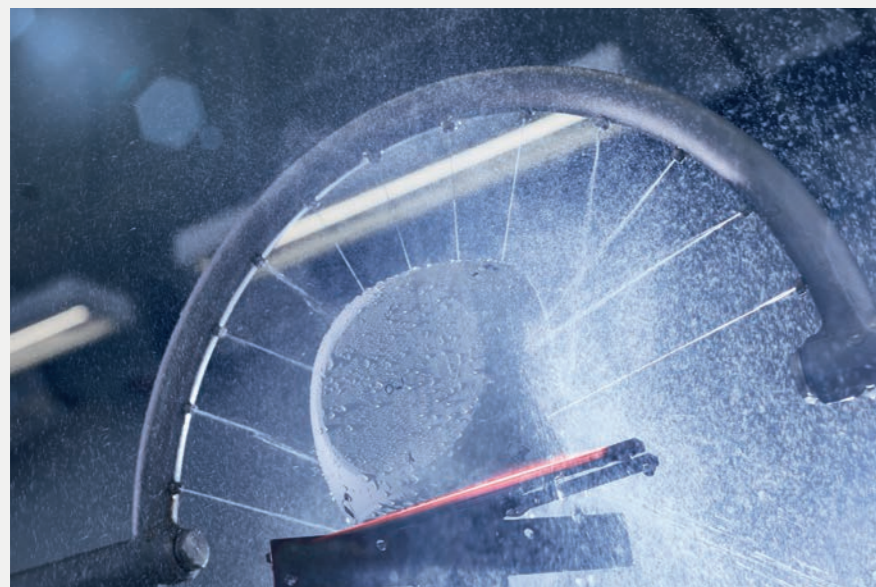
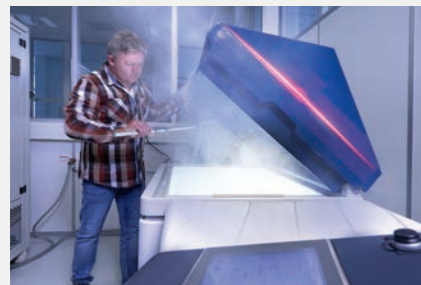
MODERN TEST METHODS – HENSEL STANDS FOR CERTIFIED QUALITY.

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



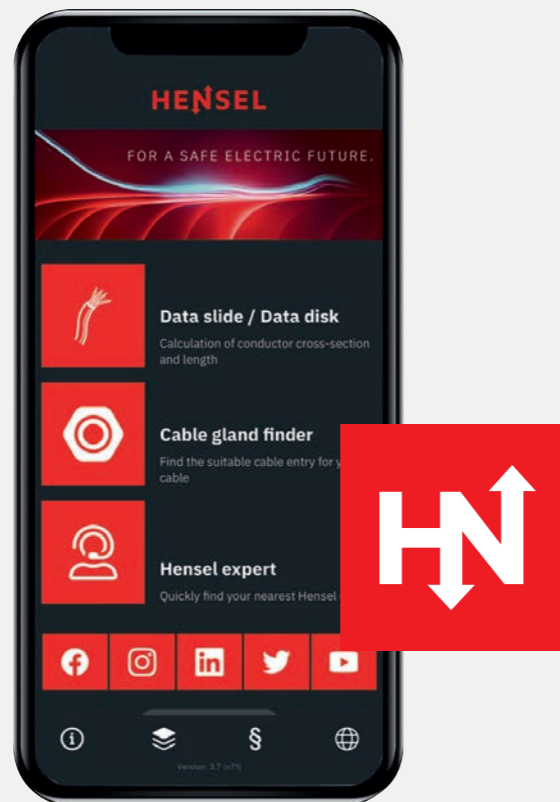
HIGH QUALITY STANDARDS GUARANTEE THAT OUR PARTNERS HAVE THE CRUCIAL COMPETITIVE EDGE:

- _ 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**
Calculation 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



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.



 AVAILABLE FOR ANDROID AND IOS (FREE OF CHARGE)



ANDROID
Scan QR-Code



IOS
Scan QR-Code

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