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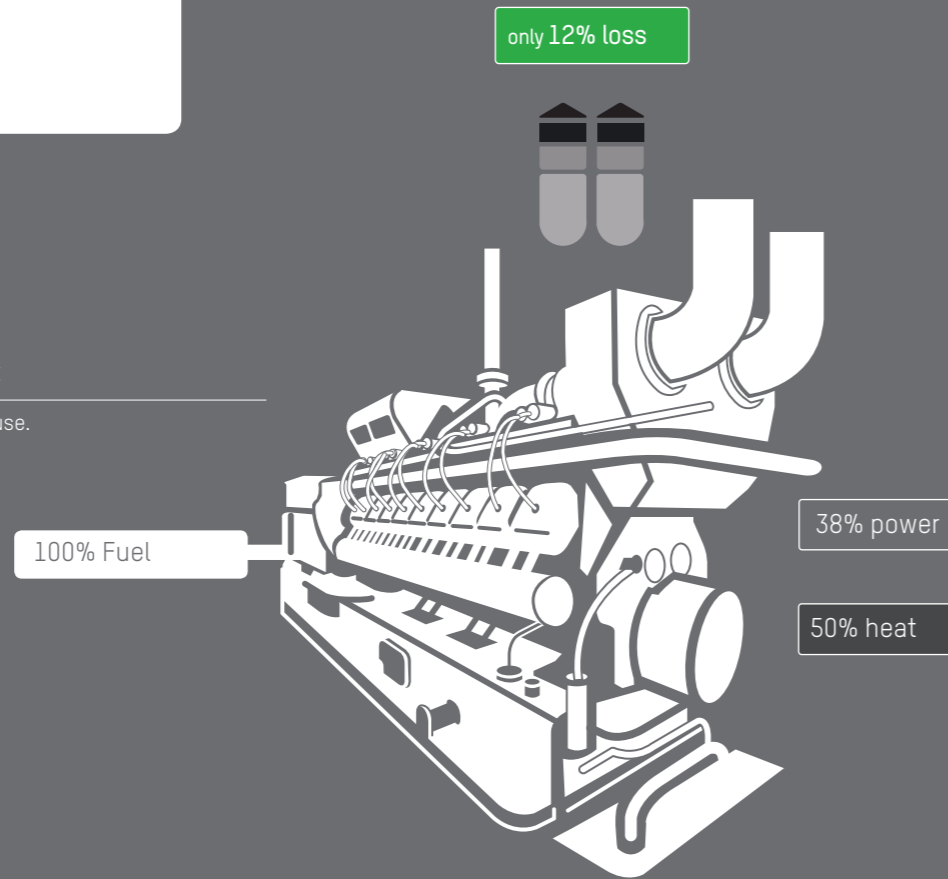
The energy revolution
is a mammoth task

1 COMPANY

Cogeneration

Combined heat and power plant

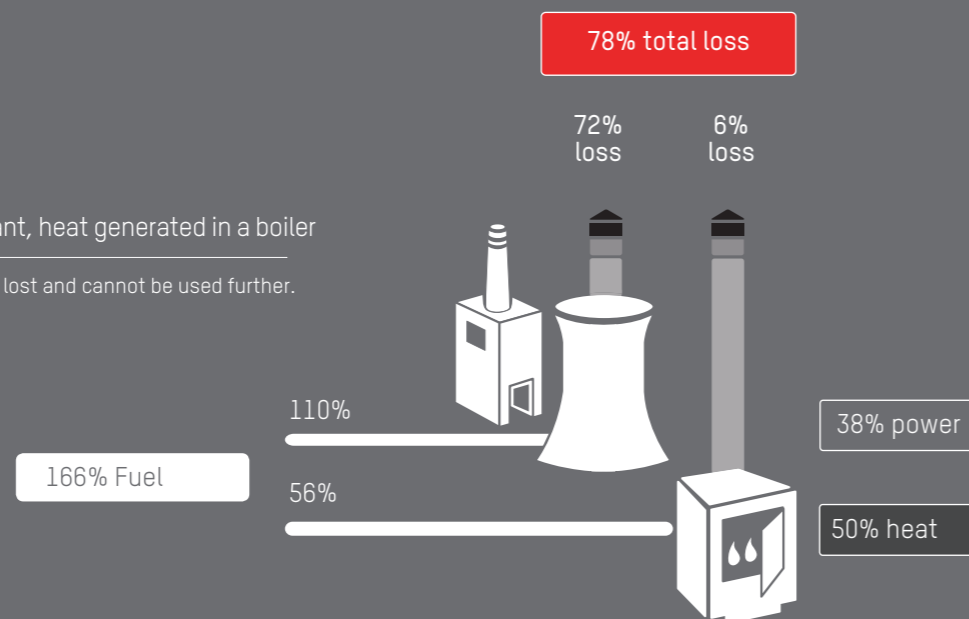
Less fuel required, heat is put to good use.



Separate generation

Power generated in a power plant, heat generated in a boiler

More fuel required, heat generated is lost and cannot be used further.



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As strong as a mammoth.
Combined heat and power plants by SES.

Power.
Heat.
Cooling.

We have been taking you into the future of energy production since 1998. Initially founded solely as a service provider, our medium-sized company has grown into a fully integrated manufacturer of gas engine combined heat and power (CHP) plants with electrical outputs per unit ranging from 50 to 4,500 kW. Our experience, extensive knowledge and first-class product quality have made us a premium brand manufacturer and a leader in technology. Our CHP plants are used to provide environmentally friendly power, heat and cooling across Europe.

Environmentally friendly.
Economical.
Adjustable.

Our plants work on the basis of the cogeneration of power and heat, a technology that significantly reduces CO₂ emissions on-site at consumers' facilities. As an excellent partner for renewable energy, our adjustable plants are ideal for the flexible offsetting of grid fluctuations caused by the irregular feed-in of power from wind and solar energy.

Our company is certified according to the quality management system DIN EN ISO 9001: 2015 and strict health and safety guidelines.



Natural gas.
Sewer gas.
Biogas.

Our overriding strength lies in our products, which are tailored to meet your specific needs and fields of application. This means we attach great importance to close cooperation right from the very first consultation. Our engineers discuss your needs, analyse your processes and develop ideas on how to adapt our standard CHP units to fit your requirements. An experienced project manager is assigned to support you every step of the way. We manage and coordinate your entire project, from trial operation and commissioning right up to plant acceptance and the start of operation, meaning that everything is provided from one source. As a result, you can expect innovative and intelligent solutions, which bring you maximum technical and economic benefits.

Our service team would also be delighted to provide you with continued support once your plant has been put into operation.

Turnkey.
Independent.
Efficient.

Our energy efficient plants are highly versatile, can be installed in a variety of locations and provide independence from the grid.

- local and district heating
- industrial companies and estates
- hospitals and health centres
- residential and business quarters
- swimming pools, sports stadiums and hotels
- biogas and sewage treatment plants



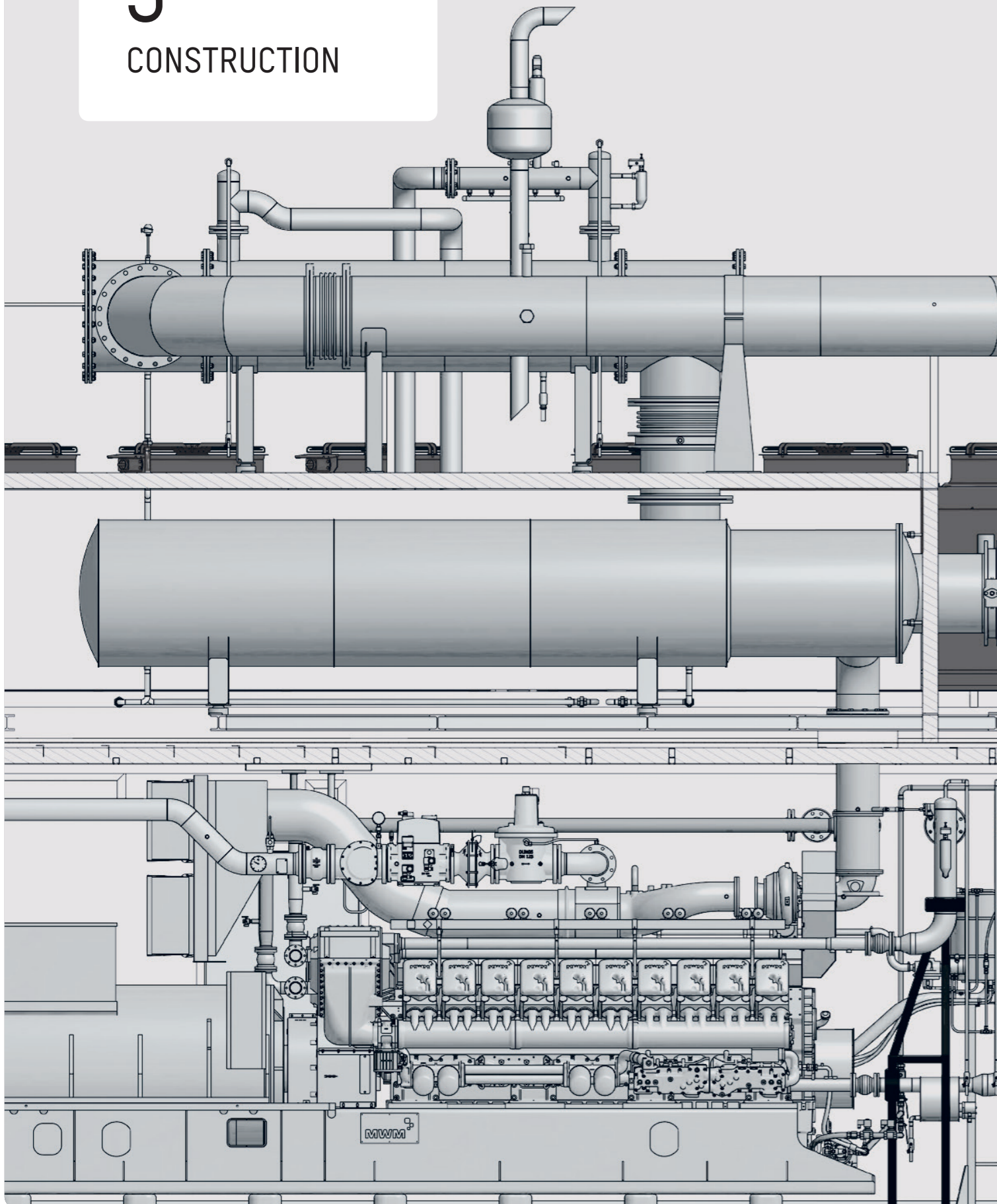
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2
PROJECTS



3

CONSTRUCTION



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3D.
Modular.
Functional.

As a leader in technology and a premium brand manufacturer, we place high demands on our products. In view of this and thanks to continuous optimisation and development, our plants have extremely high rates of availability and long operating lives. Furthermore, the use of innovative construction methods, such as comprehensive 3D planning, enables us to develop patented standardised CHP units that form part of our individual solutions.

We also provide solutions for locations that are sensitive to noise and for integrated steam-based systems.

Pre-assembled.
Powerful.
Robust.

Our ready-to-connect, compact modules and turnkey plant construction feature the latest cogeneration technology, offering optimum functionality and outstanding levels of accessibility for servicing. As many of the high-quality components as possible are pre-fabricated. This translates into fewer personnel, lower logistical costs and less connection work, meaning lower investment costs for you.

We also place great value on safety, and work in accordance with the European Union Machinery Directive currently in force.



Modern.
Tested.
Certified.

As a specialist in decentralised energy systems, we manufacture CHP plants of various sizes and models at our modern production site in Leipzig. Our manufacturing processes are standardised and certified according to quality and health and safety standards.. The inspection of incoming and outgoing goods as well as regular testing on our own test rigs ensure the high quality of our products, whilst our processes boast a perfect balance between the degree of automation and manual tasks involved.

Depending on requirements, our CHP plants can be designed for use with natural gas, biogas and sewer gas.

Plant construction.
Compact modules.
Container solutions.

- Whether fully installed in buildings or in steel or concrete containers, our plants are designed and pre-fabricated according to your specifications.
- Our ready-to-connect modules are equipped with gas engines and sound enclosures.



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5 SERVICE



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**Competent.
Reliable.
Fast.**

Competent and flexible, we provide a comprehensive range of services in the field of CHP plants. From compact modules to plants installed in existing buildings or in containers, our service personnel are well acquainted with plant engineering and offer you a wealth of professional advice and support.

We have an extensive service network of well trained, highly qualified and experienced service personnel across Germany who are happy to support you in the safe and profitable operation of your plant. Our remote control and monitoring system enables us to keep up-to-date on the status of your plant 24/7 and take any appropriate action as quickly as possible, ensuring your investment has a long service life and high level of availability.

The benefits of our services at a glance:

- maintenance contracts
- repair contracts in accordance with DIN 31051
- customised service packages
- troubleshooting and repairs
- maintenance work, inspections and process optimisation
- retrofitting existing plants to the latest technical standards
- professional management of spare parts
- remote control and monitoring system
- official partnerships with gas engine manufacturers MWM, MAN and Waukesha

SES service centres are located in Berlin, Düsseldorf, Hamburg, Leipzig and Munich.





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