

An aerial photograph of a wide city street, likely in Paris, viewed from above. The street is flanked by dense green trees. In the distance, a city skyline is visible under a dramatic sunset sky with a large, bright sun low on the horizon, creating a strong lens flare effect. A large, semi-transparent white rectangular box is centered over the image, containing text.

# Comprehensive solutions for tomorrow's infrastructure

Energy – Telecommunication – Traffic

**eqos**  
Energie



## Fit for the networked society of the future

Today's data-driven economy would be unthinkable without an efficient infrastructure based on networks for power, telecommunications and traffic. At the same time, growing data volumes and the increasing networking of devices render requirements for network stability more complex. EQOS Energie are well prepared for infrastructure adjustments.

As an **internationally active group**, we have been working in several European countries for almost 100 years. Whether it is a complete solution or selective support: In more than 30 locations, we offer individually customised solutions for our customers. This makes us one of the **leading service providers of complex infrastructures**. We contribute our expertise along the entire value chain – from engineering and fitting to maintenance.

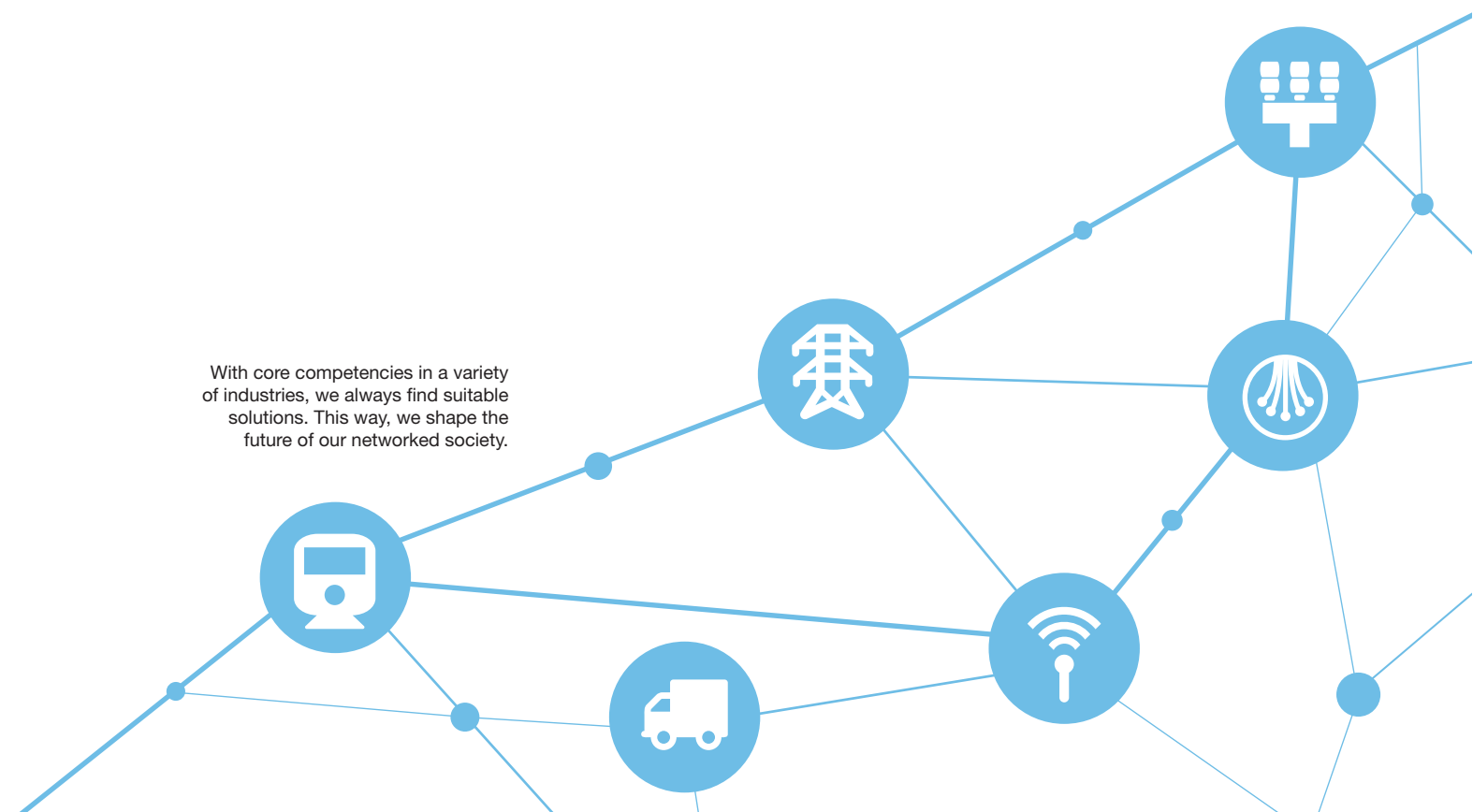
EQOS Energie use an interdisciplinary business model to ensure excellent **project competence**: Customers benefit from a centralised organisation across national borders and business units, for example in IT or Finance. On the operative level, we work in a decentralised manner along the entire value chain, thereby ensuring that we always remain close to the customers' needs. Of course, EQOS Energie meet all corporate compliance requirements for all of their business processes.

Our company name is an acronym of our central brand promise: **Excellent Quality Of Services**. We keep this promise by providing outstanding services as a dependable partner in your direct proximity and based on comprehensive expertise.

As a company, we take our social responsibility for the issues of health, safety, environment and quality (HSEQ) very seriously. We take care of the **health** of our employees and provide the right work environment. Economically sustainable actions and the promotion of **environmental protection** are foregone conclusions for us. We are constantly improving our performance, thereby ensuring that we always offer first-class **quality**.

When it comes to **occupational safety**, we commit to clear rules and we are uncompromising in our compliance with legal regulations. Every day, we are working on our primary goal of 'zero accidents'. We continuously and conscientiously check where we could minimise our hazard potential. Because it is our wish that the people who work for us get home safely!

With core competencies in a variety of industries, we always find suitable solutions. This way, we shape the future of our networked society.







We use our own special-purpose vehicles for installation work on the cables of the catenary system.



Our experienced teams have participated in more than 85,000 mobile telephony projects.

## The next traffic revolution: E-mobility on rail and road

The most important economic driver is an efficient traffic infrastructure – and its future lies in E-mobility. To shape this traffic infrastructure in a progressive manner requires new solutions in the digitisation of road traffic and the electrification of the railway network.

Our core expertise in **railway infrastructure** development lies in electrification, specifically the construction of catenary lines and signalling technology. EQOS Energie covers practically anything in **short- and long-distance traffic** that moves on rails. In that respect, you will benefit from the teams' experience from international projects on all service levels.

### Railway infrastructure from the Alps to the North Sea

In engineering, we plan your overhead line systems. You need a foundation? We will show up with special piling and drilling equipment. During stocktaking and analysis as well as during the inspection and documentation of the catenary system, we will use the measuring technology that is approved for your area. Our expertise is also reflected in patents such as the telescoping light or the special track guidance system on the specially developed catenary measuring carriage. When it comes to **technical equipment**, make use of our synergies of different infrastructures: We put your communication technology on rails, install control engineering and safety technology and optimise your energy structure.

### Your benefits in the Traffic business field

- Cutting-edge machinery
- A machine park that can be individually adjusted to customer demands
- Flexible deployment of employees

### Road traffic systems

E-mobility opens up many different opportunities for innovative technologies and concepts in road traffic. At EQOS Energie, customers are provided with solutions all around electrification, traffic telematics, and telecommunication. We will also provide you with expert support when it comes to projects in short-distance public transportation. Our service spectrum ranges from consulting, planning and commissioning to repairs and maintenance.

## New infrastructure in mobile and fixed networks for the data society

Rapidly increasing data volume and more mobile internet usage pose new requirements for the networks of the future. Expansion is unavoidable for stable, continuous communication.

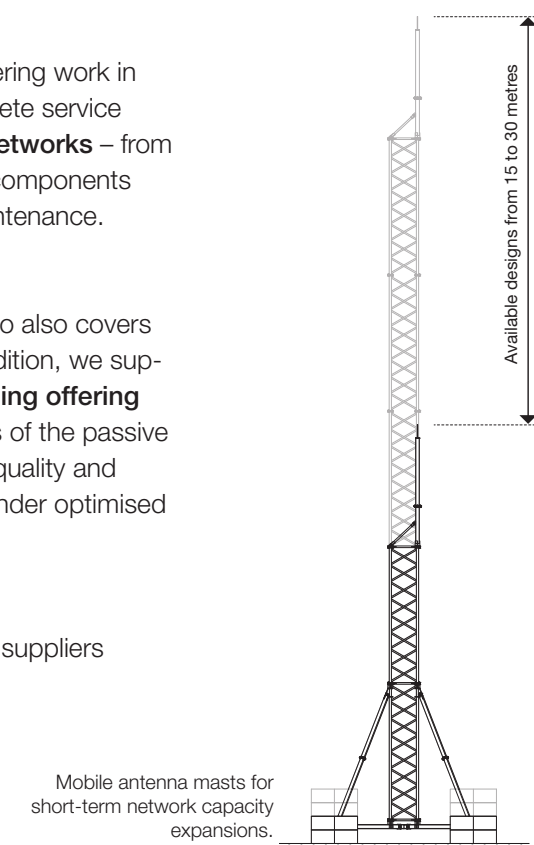
For 25 years, EQOS Energie have been performing pioneering work in setting up mobile telephony networks. We offer the complete service portfolio for both **mobile communication and landline networks** – from planning, permits and the project-specific compilation of components and materials to their installation, commissioning and maintenance.

### Your plus with EQOS Energie

Apart from mobile telephony solutions, our service portfolio also covers projects for data distribution via **fibre optics cable**. In addition, we supply buildings and tunnels with repeater systems. The **staging offering** provides you with additional benefits: Apart from pre-tests of the passive and active network elements, we constantly improve the quality and effectiveness of the entire network based on installation under optimised conditions.

### Your benefits in the Telecommunication business field

- Independent of manufacturers and system technology suppliers
- Authorisation and experience of all network operators
- Highly qualified and experienced staff
- Authorisation for BOS radio systems







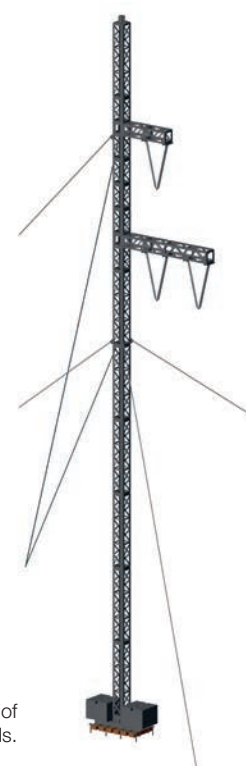
We safely ensure energy transmission and distribution, including the use of temporary solutions, if necessary.

# From overhead line and underground cable to substation – Transmission and distribution of energy

Advancing the energy transformation requires a massive development of the power lines. To ensure that electricity from renewable energy sources really reaches consumers, it must often be transported over long distances.

Whether it's done with **overhead lines** or **underground cables**: We ensure that power is transmitted to the people. We plan, construct and perform dependable maintenance on your distribution and transmission networks (110 to 380 kV). Project management comes from a single source, thereby ensuring that transmission and distribution networks are operated and maintained reliably. To **temporarily bridge the power supply**, e.g. during new line construction, conversion work or outages, we provide you with our independently developed solutions for emergency scaffolding spanning up to 300 metres or various system lengths of field installation cables.

**More than 400 experienced EQOS Energie experts are available to you** Based on the collaboration within the Group across various countries, EQOS Energie has comprehensive expertise regarding all types of work with overhead lines, underground cables and transformer substations. If requested, we can also implement your power lines as **underground cables**, thereby causing less interference with the landscape. Using cutting-edge technology, we execute our projects efficiently and with the highest quality.



Quick and simple bridging of overhead lines and switch fields.

## Solutions for energy suppliers

The **distribution of energy** requires transformers and substations at the various network levels. With sound knowledge in both primary and secondary technology, we are your competent partner and will assist you in your projects. Our support ranges from planning and new construction or conversion to the maintenance and service of substations and secondary systems.

With our comprehensive experience in the handling of large roll-out projects, we are also an ideal partner for you when it comes to converting to **smart metering**.

## Solutions for commercial customers and industry

EQOS Energie offers the entire spectrum of solutions for electrotechnical facilities and infrastructure installations – from conceptualisation and permits, fitting and commissioning all the way to maintenance. Please contact us if you are planning to set up e.g. a new safety lighting system or would like to test your protective grounding and lightning protection.

## Your benefits in the Energy business field

- All services from a single source with one permanent project manager in charge
- Cutting-edge machinery
- Independent of suppliers
- Solution-oriented approach and flexible project planning

## Engineering forms the basis

Modern telecommunication, progressive traffic systems and optimised energy distribution rely on an efficient infrastructure. This is what we implement: Our engineering forms the basis for a first-rate position in the market and provides you with security. We invest in the latest software – some of which we develop ourselves – as well as in the continuous training of our international team of more than 60 technicians.

