

**BRUGG** CABLES  
Well connected.

T E R N A   G R O U P



## Future-ready through innovation and tradition

**Brugg Cables is an innovative Swiss cable and accessories manufacturer with an extensive range of services in the field of power transmission and distribution.**

Founded over 120 years ago by Gottlieb Suhner, Brugg Cables has grown to be one of the world's leading cable system suppliers/manufacturers. It is our strong customer orientation and the expertise of our employees that continue to set us apart as a company. We focus on innovation and outstanding Swiss quality – and have done so since 1896.

Our 390 employees develop, manufacture, install and maintain cables, accessories and system solutions for power transmission and distribution for power plant operators, power distribution companies and industrial settings. We take a holistic approach, offering our customers end-to-end solutions from a single source.

Brugg products are characterised by their advanced technology and their ability to meet the highest of quality expectations. Because of this, Brugg Cables is one of the few cable manufacturers in the world in a position to produce cable systems and accessories that can handle the current maximum permissible voltage of 550 kV.

Brugg Cables became part of the Italian Terna Group in March 2020. With this successful partner and an innovative product strategy, we are well positioned as we head into the future. As a supplier of underground cables, Brugg Cables plays a key role in modern electric power transmission, which is placing more and more emphasis on protecting landscapes and the environment. Working together with its new majority shareholder Terna, Brugg Cables plans to rigorously pursue innovations in the field of recyclable materials.

In addition to our headquarters in Brugg, we have subsidiaries in six countries as well as various production facilities.

**BRUGG CABLES has stood for quality and sustainability since**

# 1896

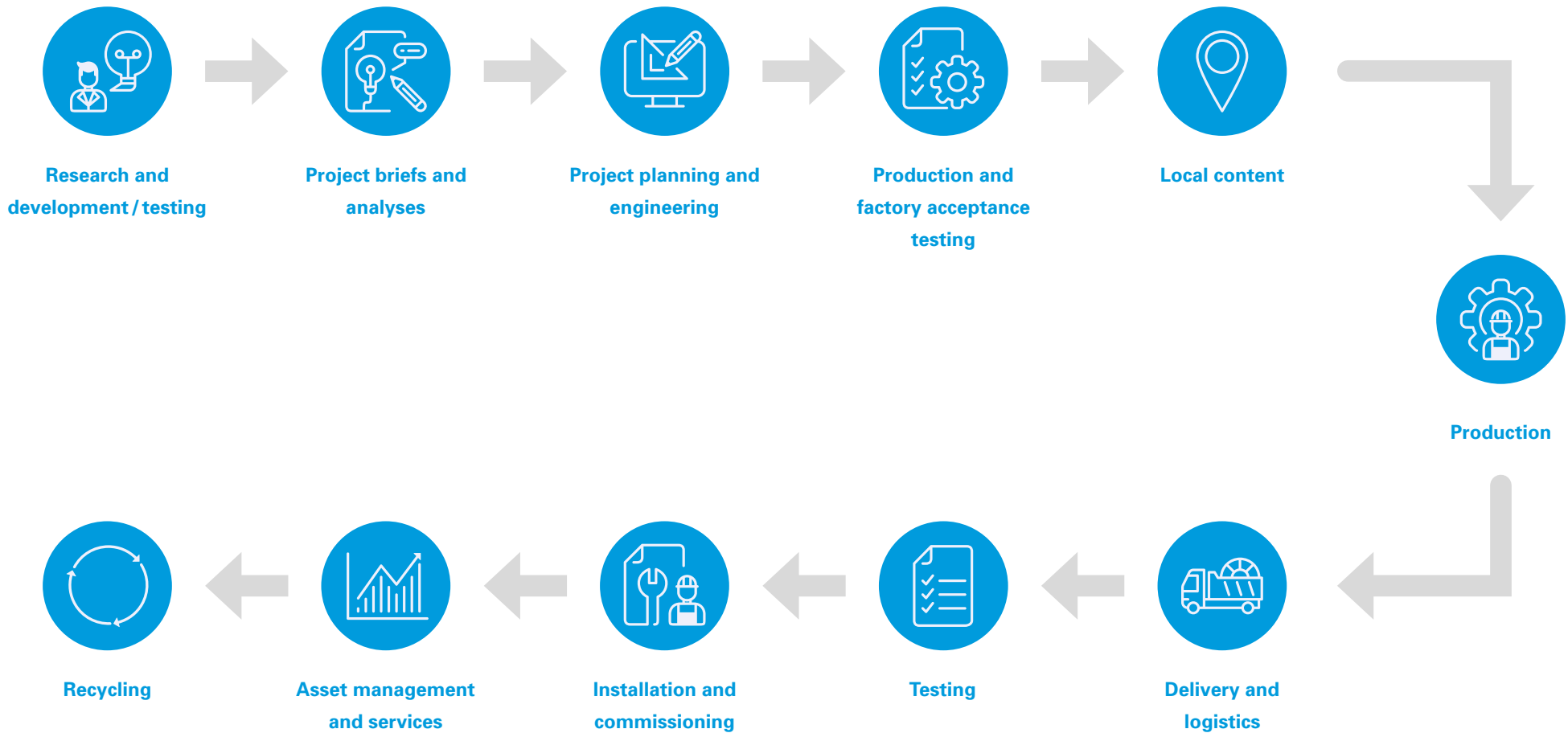


KABELWERKE

BRUGG  
T E R N A

## Brugg Cables – everything from a single source

Technology, expertise and experience: in terms of its development and production processes, Brugg Cables has always put an emphasis on experience, knowledge, innovation and Swiss quality.





## High voltage systems

**Brugg Cables is developing the power networks of tomorrow. Drawing on our extensive experience and in-depth know-how, we offer everything needed for the creation of sophisticated high voltage cable systems in the range of 60 to 550 kV – from consultation and planning to implementation, operation and maintenance.**

Brugg Cables advises customers worldwide on new cable systems as well as on expanding or converting existing systems. We not only focus on technical excellence but also on optimal cost-effectiveness and efficiency in terms of operation and maintenance. All relevant factors are taken into account right from the planning stage; from existing conditions such as mechanical and thermal influences, to the power capacity of the planned cable system to the choice of suitable materials.

One of the main reasons behind the success of our products is our in-house development and production processes, which we collaborate closely on at our facilities in Brugg. It is here that we develop, test, manufacture and certify power cables.

Our customers can also fully rely on our expertise when it comes to assembly and commissioning; our work complies with national and international quality standards.

On request, we will also take on other related activities such as civil engineering and routing.

Thanks to our extensive experience in implementing turn-key systems, we are able to offer impressive end-to-end solutions.

**Cable connectors  
for substations, power plants  
and renewable energy solutions**



- Customer-specific solutions
- Solutions for maximum safety, quality and reliability

**Transmission  
grid projects**



- Power transmission grids
  - Turnkey solutions

**Services**



- Asset management
- Partial or full replacement of existing assets
- Maintenance and maintenance concepts

## High voltage accessories

**Only high-quality accessories that are specifically tailored to the power cables in question ensure that cable systems demonstrate a high level of operational reliability. Consequently, cable accessories such as sleeves and terminations are integral components of a cable system. And premium quality is of particular importance here.**

A long service life and easy installation of the relevant accessories are key to ensuring the operational reliability of a network. With this in mind, we offer innovative, operationally reliable products that impress with their quality and ease of installation.

Our full range of products covers all applications from 60kV to 550kV, including DC.

From high-performance, hard-wearing cable joints and secure terminations to earthing material, clamps and other relevant accessories – all products are tested, certified and coordinated to guarantee the quality and durability of the entire cable system.

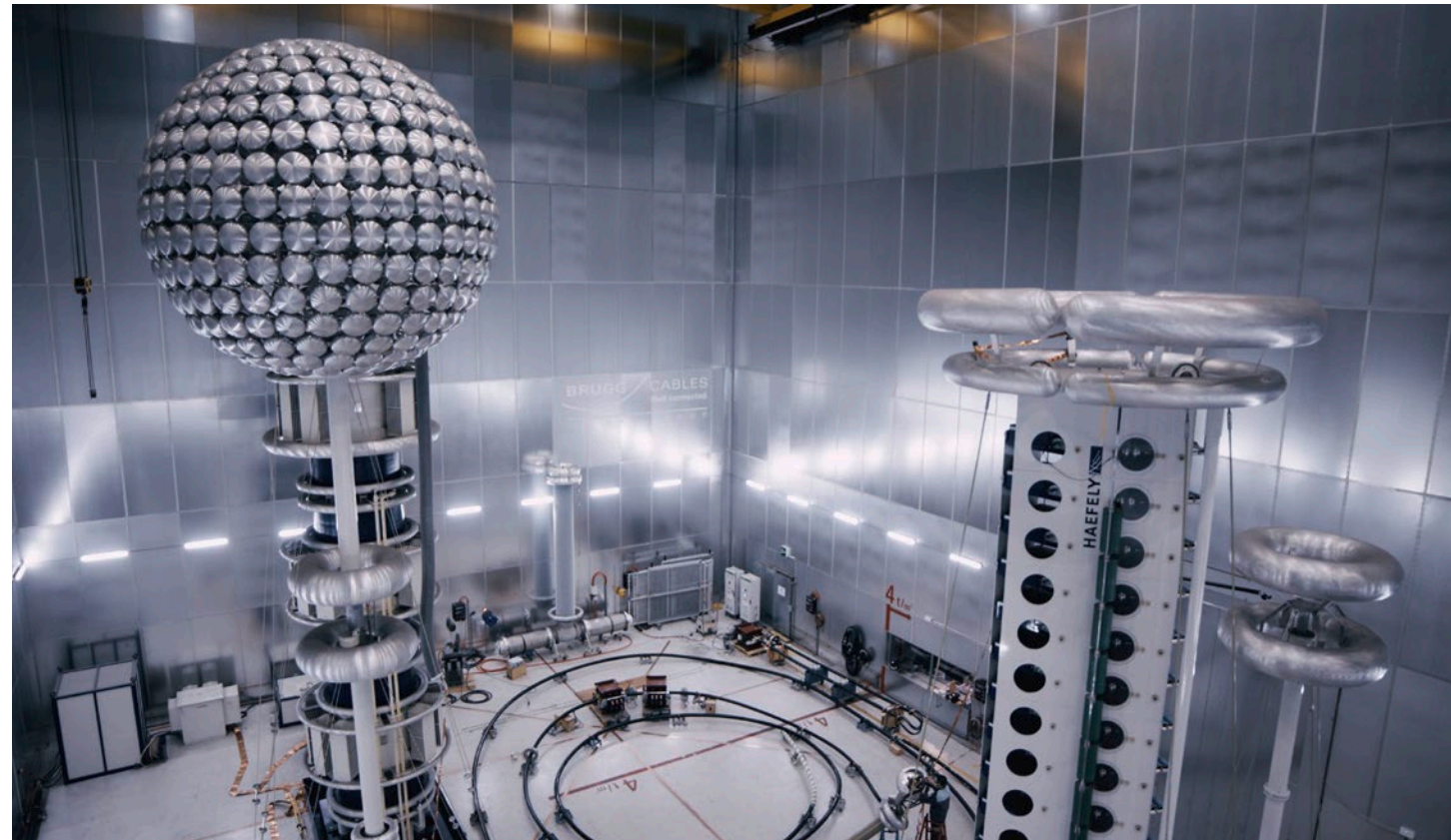
### Developing local partnerships

Through our know-how, we support cable manufacturers in the production of high voltage cables and, thanks to our accessories, in offering premium quality cable systems. The compatibility of our accessories also means that they can be attached to any XLPE or EPR cable anywhere in the world.

### Our laboratory – a win for our customers

Brugg Cables' impressive testing laboratory offers almost limitless testing opportunities in the field of high voltage and power engineering. Our customers benefit from the

technical expertise and the years of experience built up by our highly qualified employees. Measuring 19000 m<sup>3</sup>, Brugg Cables' Faraday cage is one of the largest test facilities in Europe.



## Low and medium voltage

**Guidance based on experience – Brugg Cables is already developing the power distribution networks of the future.**

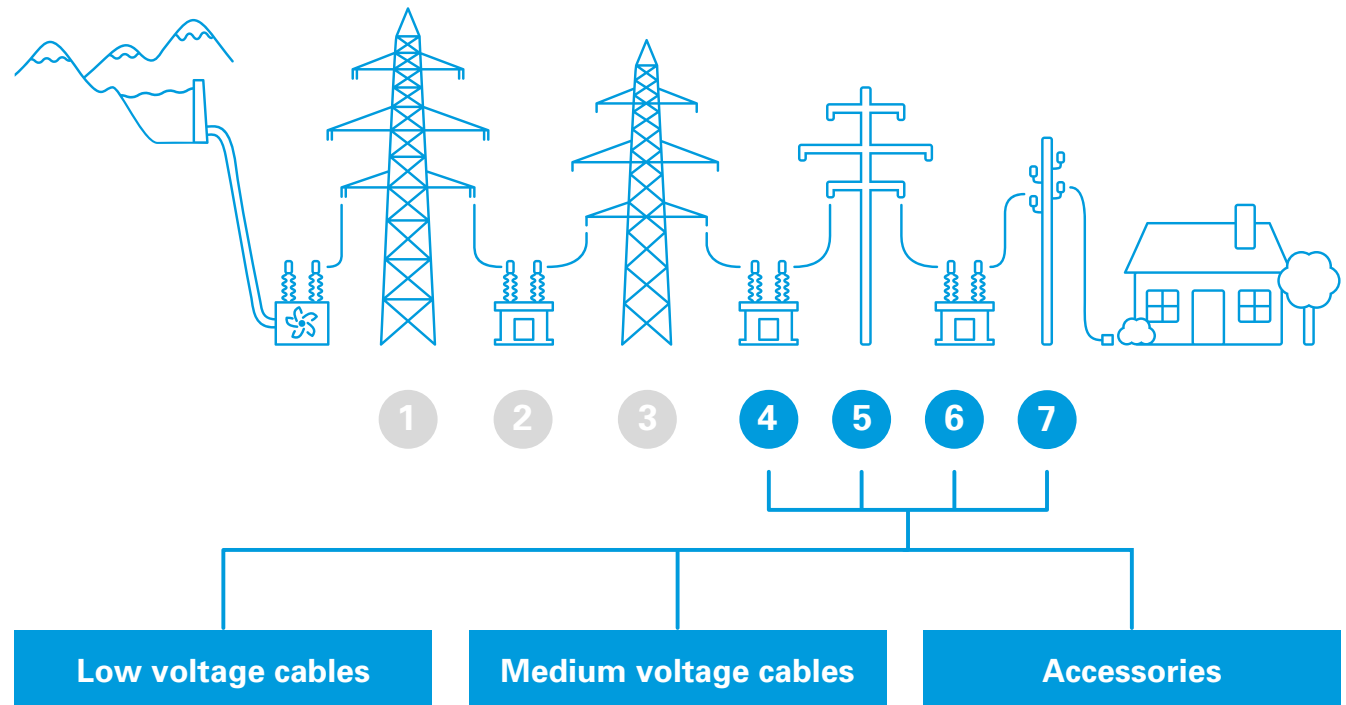
The demands on distribution networks are set to increase and with solutions from Brugg Cables customers are well-equipped to meet them. With over 100 years of experience and an extensive selection of cables and accessories available, customers can count on us.

Whether they are needed for municipal utilities, regional power suppliers or industrial firms, low and medium voltage cables from Brugg Cables form an integral part of the electric power distribution system. In order to provide the right solutions, even for the most complex of situations, we offer our customers an extensive selection of different cable types for every application alongside a wide range of accessories and tools.

Our inventory and goods availability guarantees a reliable delivery capacity of several thousand items. We understand our customers' requirements and provide the quality expected from a reputable cable manufacturer.

Our service structure offers our customers great flexibility as well as prospective process-related and economic advantages. This allows our customers to reduce their costs and place orders 24 hours a day, 7 days a week.

### There for all levels



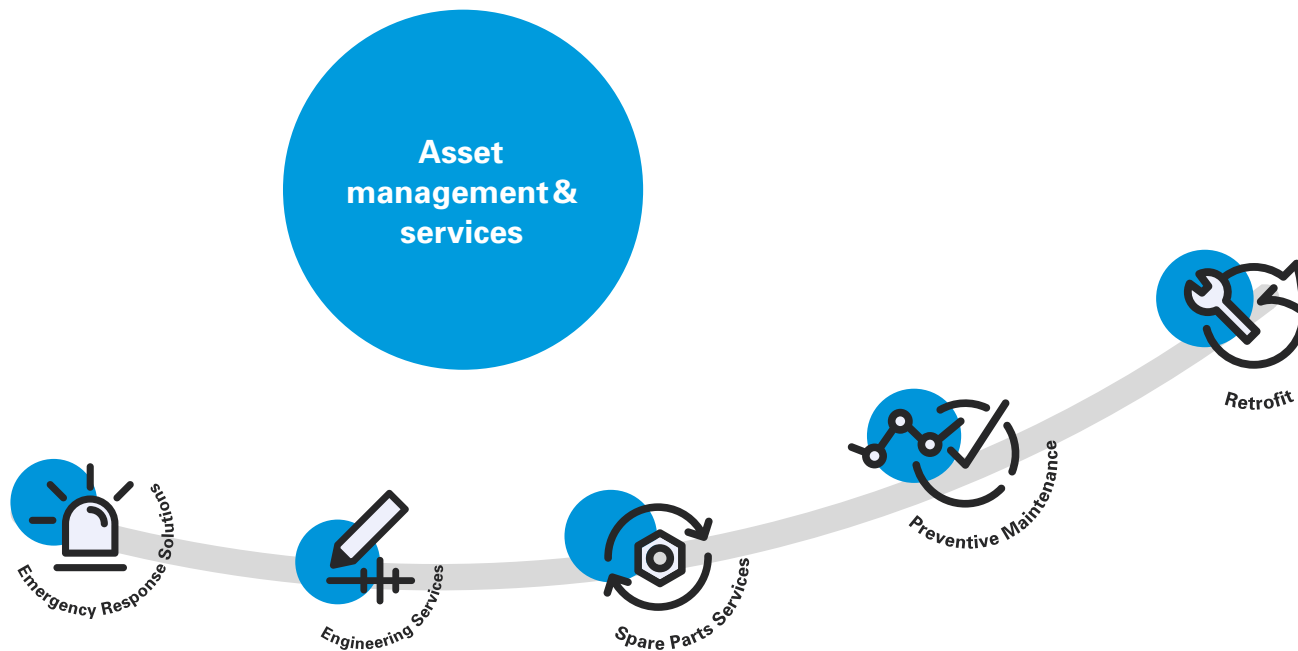


## Asset management & services

We keep your systems in shape.

Planning, operating and maintaining cable systems for high and extra-high voltage power transmission can be complex and demanding. Brugg Cables is a highly capable partner, who is competent in supporting customers with all challenges.

Our Asset management & services package is specifically designed for the demands of energy suppliers, transmission system operators and industrial customers in the high and extra-high voltage sector. It encompasses a range of services focused on the operation, maintenance and partial replacement of high voltage cable systems.



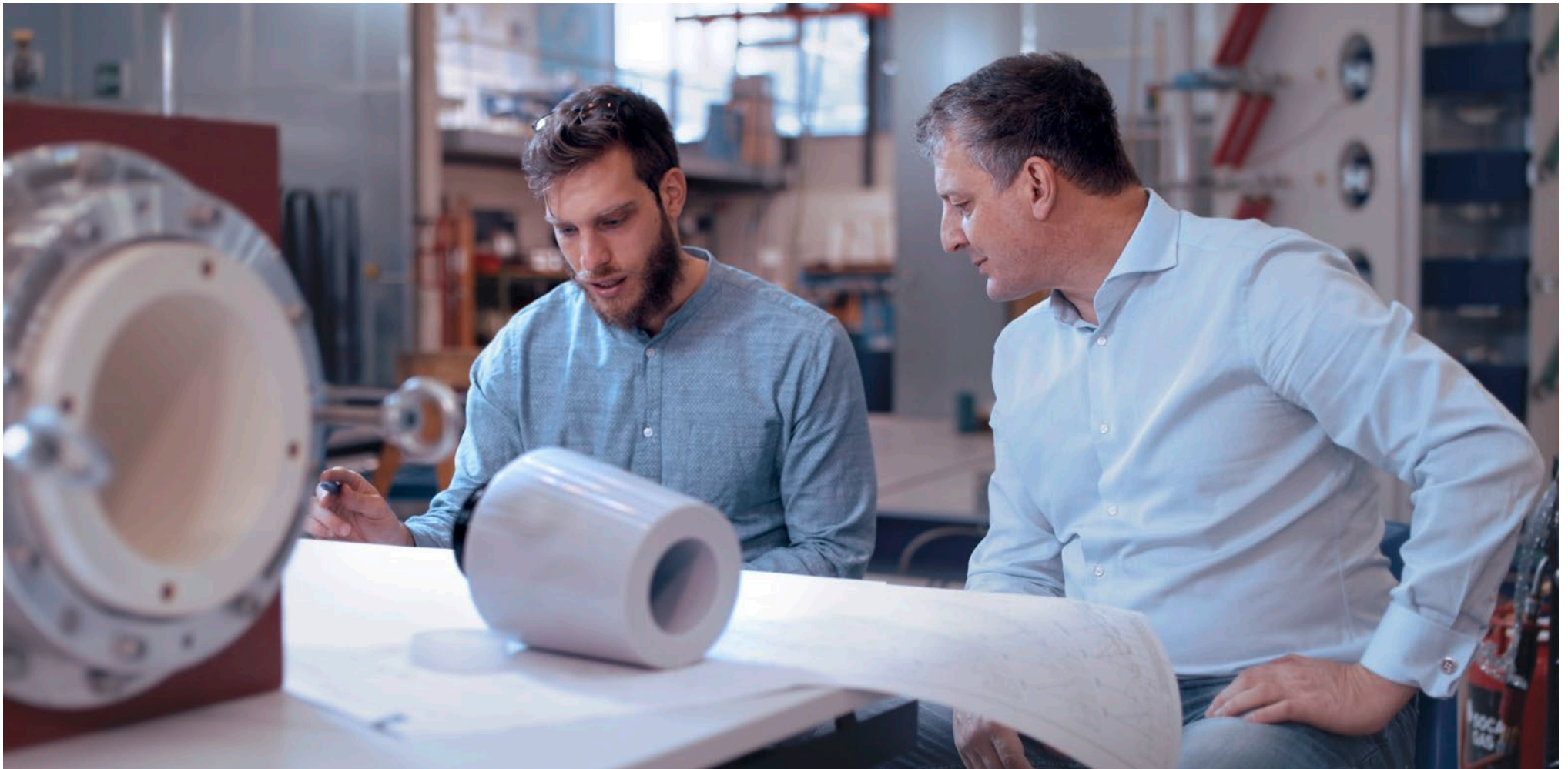
## Brugg Cables Academy – Stay connected.

**Professional development requires further learning. Our employees as well as our external partners and customers benefit from the courses offered by the Brugg Cables Academy.**

Brugg Cables is an innovative provider of cable system solutions up to 550 kV. We have extensive know-how in the field of power transmission that is based on years of experience, the handling of many challenging projects and the outstanding expertise of our international teams.

The Brugg Cables Academy includes professional development courses for talent management and hosts courses for customers and partners. Our know-how makes your projects a success.

All training courses are held at our Swiss headquarters in Brugg, at our international offices, on-site at customer premises as well as online and include both theory-based and practical elements.



## A global company with roots in Switzerland

**We are a Swiss company. This means we focus on reliability, quality and excellent engineering expertise. But we are also an international, globally active company that excels through its dynamic teams.**

As a long-established company, we have spent many years developing a distinctive corporate culture: motivated, extremely committed employees and flat hierarchies ensure we have a high degree of agility, which enables us to respond quickly to customer demands. Thanks to our own research and development department, we are always in a position to surprise with innovative solutions. Another advantage that only a medium-sized, specialised company like ours can offer is exceptional proximity to customers. It is our direct contact with customers that has proven the best platform for developing the customer solutions that have set Brugg Cables apart for so many years.

### **Our commitment to effective sustainability**

Brugg Cables has an ambitious vision: we aspire to be the most sustainable business within our industry. This aim drives how we operate on a day-to-day basis and how we will develop in future to ensure the responsible use of resources and sustainable economic success.

**Brugg Cables – Swiss quality. Since 1896.**

# Ready for the future



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Find more detailed information about our products and services on [www.bruggcables.com](http://www.bruggcables.com)

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Please find more details on the courses currently offered in the online documentation [www.bruggcables.com/academy](http://www.bruggcables.com/academy)