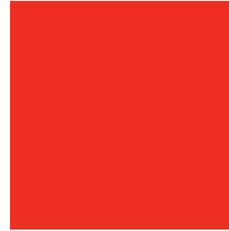
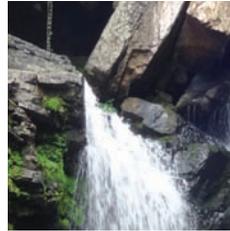




# Jacobsen Elektro

FOR ALL YOUR ENERGY REQUIREMENTS





# EXPERIENCE AND INNOVATION

**Jacobsen Elektro is a highly experienced electro technical supplier from Norway.**

With focus on quality, tailor made solutions, user friendly products and excellent services, the company is successful across Europe, Africa and Asia.

**Nicolai Jacobsen founded the company in 1891 with a vision of developing advanced and reliable electrical equipment.**

This vision led to the successful development of industry leading energy metering equipment, power system protection and control followed by a wide range of high voltage switching components. With a reputation of quality and reliability these products dominated the product range for almost a century.

**As global manufacturing trends changed, so did Jacobsen Elektro.**

By expanding into new growth areas and building upon our reputation for quality, Jacobsen Elektro has today extensive expertise in and success of delivering turn-key power plants, transmission networks and distribution substations as well as first class consulting services.

**Expert engineering capabilities.**

Coupled with our extensive financing expertise, this has resulted in a 'one stop shop' of attractive conditions for a wide range of international high voltage transmission and distribution projects as well as power plants.

*“Jacobsen Elektro’s mission is to be the preferred electrification partner to supply quality solutions”*



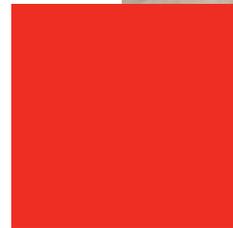
# WORLDWIDE DEVELOPMENT

## **The rough Norwegian terrain, offshore activities in the North Sea and challenging climate conditions.**

This has contributed towards the development of a modern and reliable power supply industry in Norway. With this background, Jacobsen Elektro provides excellent turn-key solutions for utilities and electricity dependant industries all over the world.

## **Jacobsen Elektro includes local workers.**

Apart from critical tasks like project management and specialist engineering, Jacobsen Elektro includes and trains local experts and workers. In some cases, utilities actually outsource a number of their staff to Jacobsen Elektro during the project period, greatly benefiting the end user when the construction process is completed.





# POWER PLANTS

**Norway has a century long tradition of designing, constructing and operating hydro power plants.**

From distributed miniature power generation to main power stations directly feeding the national grid, Norway has gained extensive experience in designing, constructing and operating all types of thermal power plants with an extensive range of fuel types and technologies.

**Jacobsen Elektro has built 12 power stations in Africa and Asia.**

One example is an existing complete power plant, which was bought and dismantled in China and then shipped to Vietnam where it was reassembled and commissioned. Other examples are power plants built in Uganda, Sierra Leone, East Timor, Liberia, Equatorial Guinea and Tanzania. The key success factor has been the response to the customer's requirements and tailor making the power plant solution to meet such requirements.



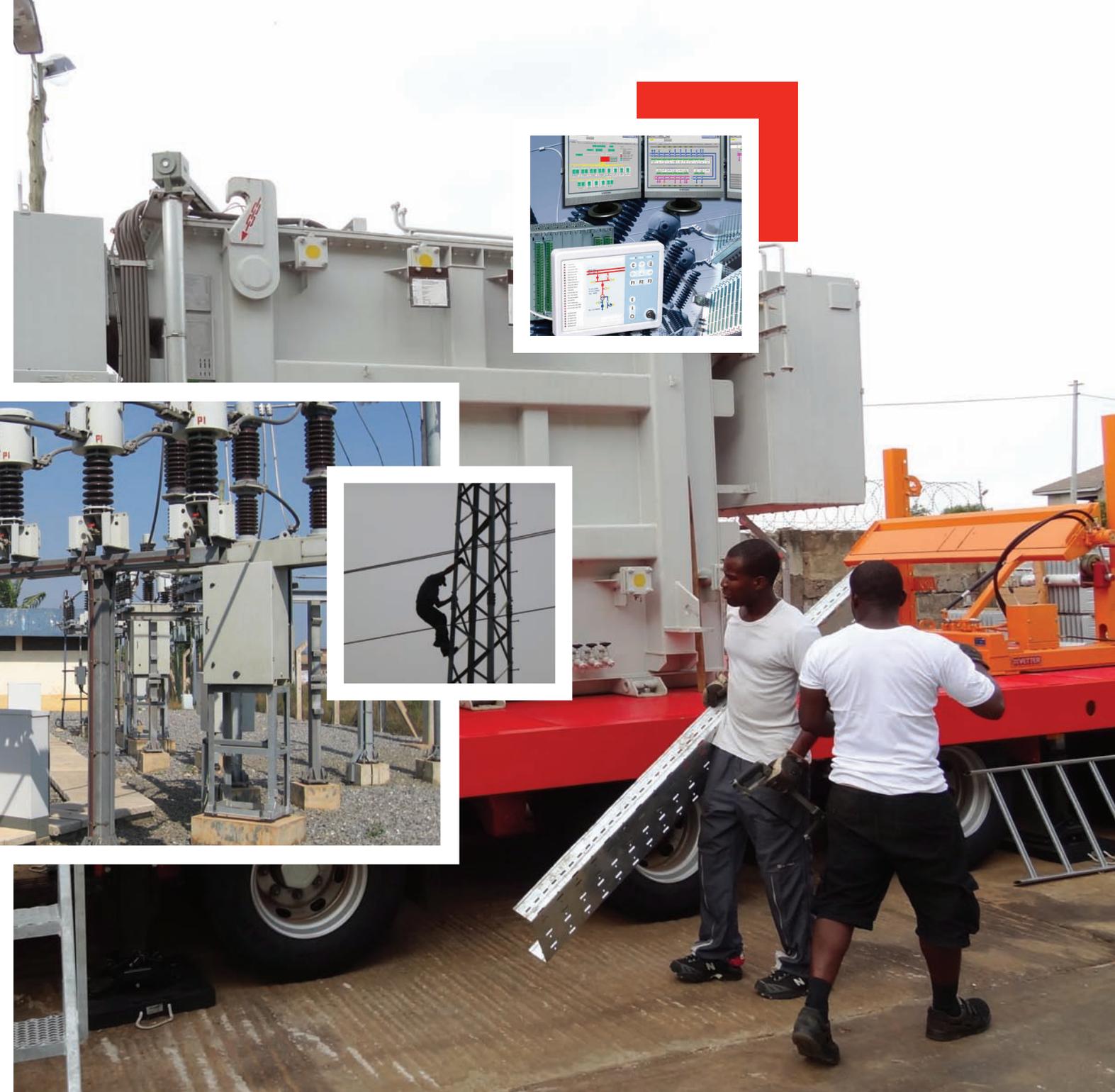
# POWER SYSTEM TRANSMISSION AND DISTRIBUTION

**With more than 50 years of experience in high voltage components and control systems, Jacobsen Elektro has built and refurbished about 80 transmission and distribution systems in Europe, Africa and Asia.**

During the past decades, building or refurbishing 11kV to 420kV substations has been the most common activity. Excellent project managers and highly skilled engineers have completed many projects well within time and budget. The utilization of modern and reliable solutions and equipment yields high stability and safety in operation.

## **Assist the end users.**

In knowledge based projects, our highly experienced engineers assist the end users in selecting and configuring state-of-the-art protection and control systems.



# FINANCING



**Proper financing is the key factor to have projects materialized.**

Many projects are well specified by the end user and urgently needed. We can provide our clients and partners with extensive support in structuring innovative and attractive financing solutions, - such as Export Credit Financing, Project Financing and Equity Participation.

**Jacobsen Elektro enjoys strong connections to the financial market.**

Through long-lasting relations with Norwegian governmental financial institutions as well as first class international banks, Jacobsen Elektro provides highly competitive and tailor made financial solutions for the customer.



# INDEPENDENT SOURCING

## **Independent main contractor.**

Without formal ties to other entities, Jacobsen Elektro remains free to select the most suitable equipment and services when constructing or refurbishing power plants, high voltage substations, transmission lines or metering systems. The result is excellent quality, competitive terms and tailor made solutions meeting the customers' requirements.

## **Reliable partners and suppliers.**

To maintain high reliability in power systems, and to limit the need for costly and extensive maintenance, we have carefully evaluated and selected a range of reliable suppliers. These suppliers are at least ISO 9001 certified, particularly with regard to product quality and design, product installation and maintenance, manufacturing conditions, ability to deliver on time and price, environmental conditions and proper treatment of the workforce. The suppliers' financial standing and organisation is also important in relation to future support capabilities. Our supplier evaluations secure good purchaser/ supplier relationships and reliable after sales support.

## **ISO 9001.**

Jacobsen Elektro is certified with ISO 9001.



# CORPORATE SOCIAL RESPONSIBILITY

## Life and struggle of local communities.

Project experts who travel globally experience the life and struggle of many local communities. In addition to using local man power, we are also concerned about other ways of positively contributing to the areas we operate in.

## Supporting orphanages, schools, local water supplies and sporting activities.

In a balanced interaction between private and corporate efforts, we have contributed positively to those communities we come in contact with.

## Strive to understand and respect local customs and conditions.

Although the main objective is to establish technical infrastructure, this forms an integral part of our aim to fully appreciate and touch the lives and hearts of needy and interesting people all over the world.

## SA 8000.

Jacobsen Elektro is certified with SA 8000.





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