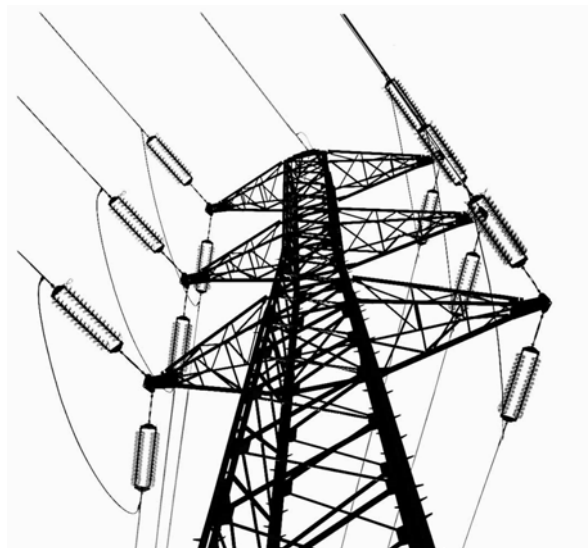


Nexans



P o w e r U t i l i t i e s

Energy moves faster with .



For today's power utilities, electrifying change is in the air. Once they were monopolies charged with supplying power at fixed rates to a local or national population. Now, in a world of falling trade barriers and rising economic pressures, they are faced with liberalization, privatization

and competition. Meanwhile, private and corporate consumers have become “customers” with high service expectations.

As electricity becomes a commodity like any other, technological breakthroughs have created both threats and opportunities.



Some industries have become energy producers themselves, while new Independent Power Producers are aiming at niche and international markets. Technology has brought the world power grid closer, and opened new revenue-generating opportunities like telecommunications.

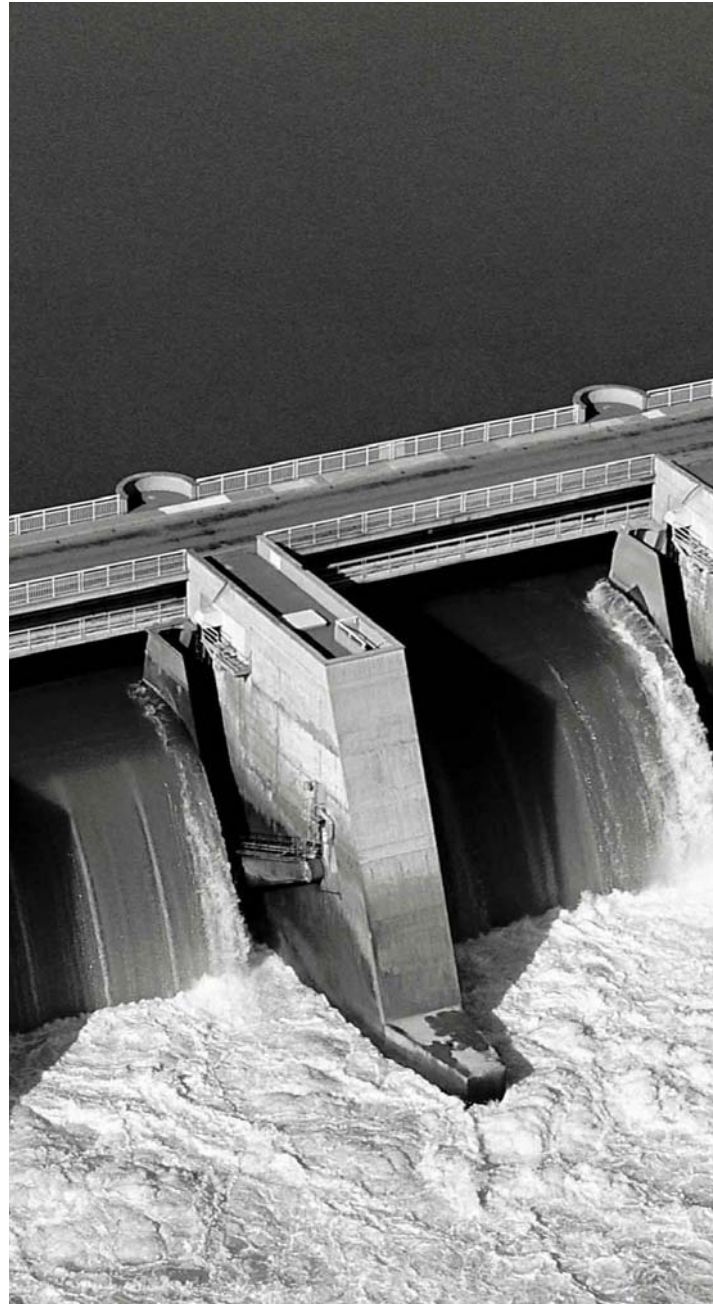
Whether newcomers, or established utilities undergoing strategic mergers and acquisitions, all share the same concern: how to reduce risk while increasing network efficiency and profitability?



Nexans is your ideal partner for creating, renewing and extending power transmission and distribution networks worldwide. Nexans provides creative solutions for power utilities who want to upgrade existing infrastructures.




We are also adept at cutting costs and finding new sources of profit through innovative, high-performance products. Committed to quality for price, we are responsive to mature and emerging markets everywhere in the world. Speed and service are also top priorities, and our global presence makes this possible. More than just product providers, we are system "integrators", involved in every phase of development, from initial planning, financing, contracting through to post-project training, maintenance and service.





Nexans can power your future development:

- A worldwide supplier of a complete range of cables and accessories
- Proven expertise in XLPE, paper-insulated and overhead conductors
- A century of experience in installing systems undersea, underground and overhead
- Turnkey capability and network planner/integrators
- Dedication to common standards and national and international norms
- Continuous R&D for environment-friendly, high performance products
- Facilities for testing all components of transmission and distribution systems
- Network monitoring and fast trouble-shooting should the need arise

With , energy can conquer barriers.

Submarine cables

High voltage cable links between countries optimize the power generation utilization.

AERO-Z overhead conductors

Developed by Nexans, these high-performance conductors can carry more current in the same diameter.

XLPE HV cables

More and more XLPE cables are replacing paper insulated oil-filled cables. Their usage is now extended to high voltage — for instance 500kV.

XLPE MV cables

Widely used by power utilities in many countries, XLPE MV cables provide practical solutions to most network problems.



Low voltage cables

Underground low voltage cables provide the best of safety and environment-friendly conditions to the subscribers. Aerial Bundled Cables represent a reliable and cost-effective alternative solution to rural electrification.

Accessories

Low voltage

Nexans produces low voltage cabinets as well as low voltage straight and branch joints for underground cables using a series of internationally recognized technologies.

Medium and high voltage

Nexans produces connectors for insulated cables with distribution and transmission equipment (transformers, switches), as well as joints and terminations. The medium voltage joints and terminations use the "cold-shrinkable" technology, which does not require any special tooling and guarantees the quality and safety of the installation.

This material complies with European and international standards.



 for your vital connections.

Winding wires

Continuously Transposed Cable (CTC) is specially designed for power transformers. These extremely efficient wires greatly enhance performance and reduce losses.





**Halogen-free,
flame/fire-retardant cables**

Nexans has developed a range of low-smoke and fire resistant cables. These cables are installed inside reactors, which can sustain radiation for a 40-year lifetime and survive loss of cooling accidents.

Thermal power plants and substations have turned to Nexans' safe HFFR cables to protect the workplace. They are fully compatible with electro-magnetic environments.



 , an energetic partner at your service.

Nexans has pioneered a new total service concept to meet the wide needs of today's power utilities.

We not only produce an extraordinary range of cables and accessories, we are also deeply involved in all of the invisible aspects of network building: preliminary studies and design, R&D, testing, turnkey installation, training and maintenance.

Turnkey installations

Topographical surveys, design and engineering are done in close cooperation with the customer. Actual installation involves project management and carefully planned logistics. Long after commissioning and testing, we are still there to train personnel and intervene rapidly in case of system failure.

We are the world leader in laying cables on the sea bed, often using our own

specially-built equipment, like the Norwegian-designed CAPJET remote operated vehicle. For land installation, we master both rough terrain (mountains and deserts) and dense urban environments, using the latest transport and cable pulling techniques.

Standards and teamwork

Paperwork is a large part of any successful project. Our worldwide experience means that we master country-specific standards on a global scale. When

it comes to cross-border installations, we put together the multilingual, cross-disciplinary teams that can turn technological dreams into reality.





R&D

Competence centers are located in Belgium, France, Germany and Norway to improve, adapt and develop a full range of new products for power transmission and distribution systems. Nexans is also engaged in new technologies like new polymers for HV DC systems and superconductivity.

New power perspectives through .

Since electricity will continue to be the world's prime source of energy in the third millennium, Nexans is dedicated to producing an extremely wide range of cables and accessories. At the same time we are committed to providing our customers with complete solutions, including complete turnkey projects.

This can only be accomplished by working closely with customers to develop new materials, designs and technologies that meet their real needs. It also means knowing how to harness the current of change and turn challenges into opportunities.

Nexans is a master at integrating complex technologies. Our background in Telecom and Energy cables makes it possible to merge advanced optical fiber with energy networks to create new business opportunities and boost revenues.





With a presence in numerous countries, Nexans is at your service worldwide.



Nexans: some key figures.

- Total Sales*: 4.6 billion euro.

- Nexans Positions:

- N° 1 worldwide for winding wires

- N° 1 worldwide for submarine power cables

- N° 1 European for rods

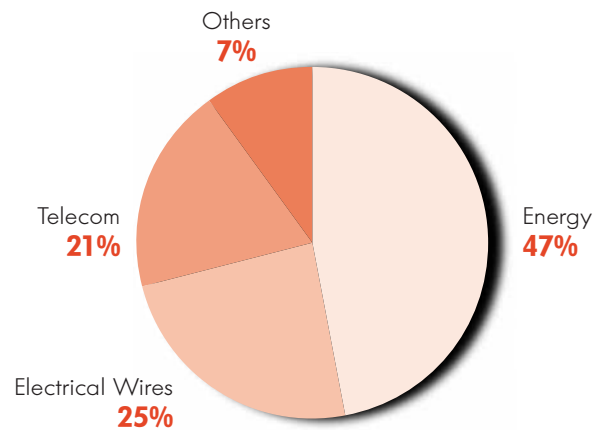
- N° 1 European for equipment cables

- N° 1 European for data transmission special cables

- N° 2 worldwide for LAN cables

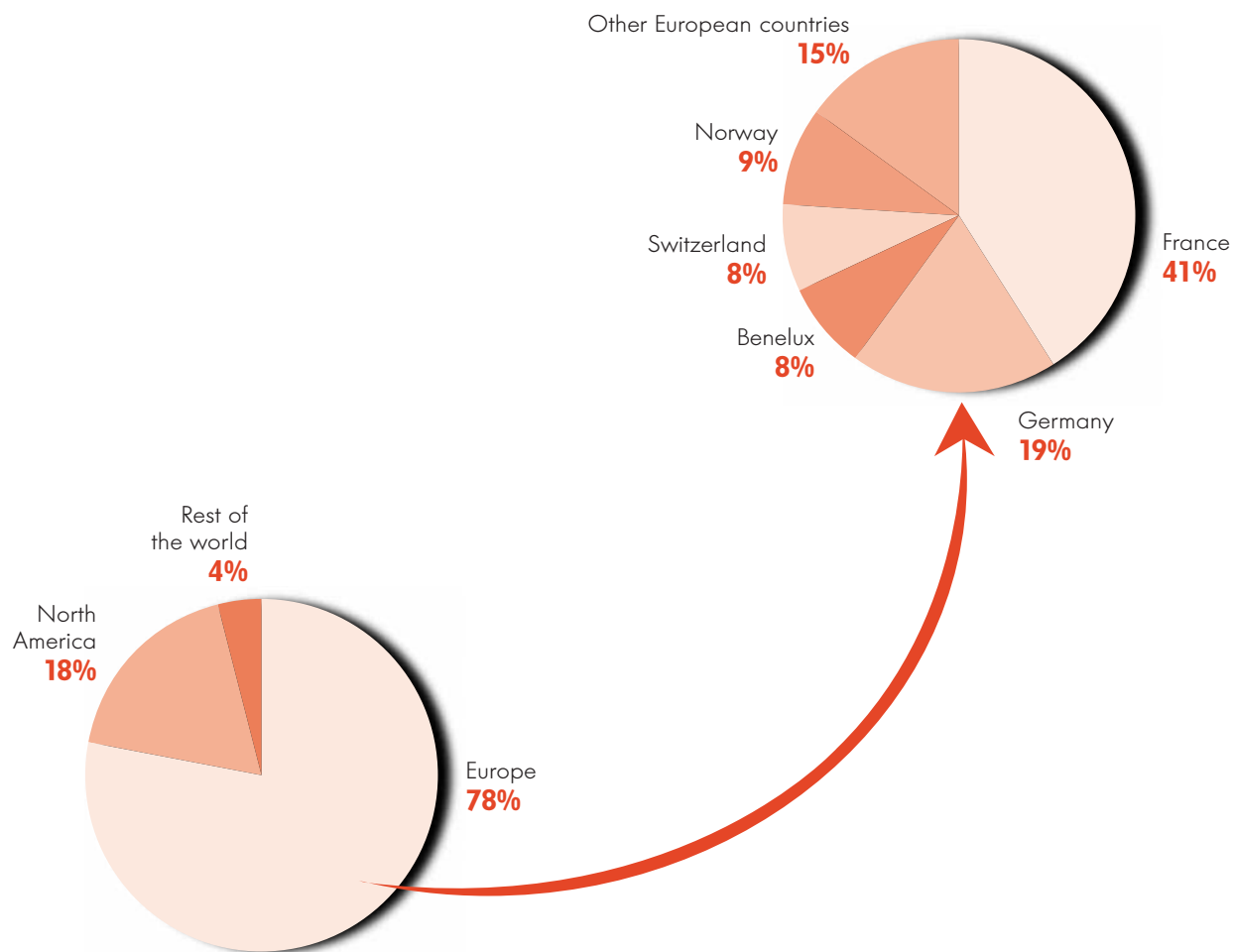
- N° 2 worldwide for ground network power cables

- N° 2 European for electrical wires



*Proforma figures. 2000 estimates at current copper price.

Total sales*
by activity



Total sales*
by origin



The future runs through Nexans.

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