

CORPORATE SOCIAL RESPONSIBILITY AND SUSTAINABLE DEVELOPMENT

2015-2016

C O N T E N T S

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As a signatory of the United Nations Global Compact for a responsible economy since 2008, Nexans is committed to upholding and promoting 10 fundamental principles regarding human rights, labor rights, environmental protection and the fight against corruption.



Since 2010, Nexans has been included in the Ethibel Excellence investment register, for which the criteria cover all aspects of corporate social responsibility. Nexans appears in two socially responsible investing (SRI) indices: ESI Excellence Europe and ESI Excellence Euro.



Nexans is a signatory of ADMICAL, the French Corporate Philanthropy Charter. The Charter unites companies and beneficiaries under a shared vision of philanthropy, its ethics and values.

EDITORIAL

BY THE CHIEF EXECUTIVE
OFFICER



We are living in a time of change unprecedented in terms of its scope and speed.

In an increasingly urbanized, automated, mobile, digital and connected world, the electricity that our cables transport and distribute is everywhere where we live, learn, work and interact, and its use is growing by the day. It is a source of development and quality of life for those who have access to it, and their number is growing steadily. However, the rise in global electricity demand, which should exceed 80% by 2040⁽¹⁾, brings huge challenges.

Successfully making the energy and ecological transition is no longer merely an option. It is now a necessity that we share daily with our customers and suppliers. We place our expertise, technology and capacity for innovation at the service of safer, more efficient and more sustainable energies, transport, buildings and communications.

Safety is our main priority. The accident frequency rate for our employees has more than halved in three years. We need to make further progress. Our cables and services contribute to the safety and performance of our customers' operations. Each day, we strive to satisfy their needs and we innovate to meet the challenges that lie ahead for them.

We are also improving the environmental management of our production sites, product design, production processes, waste recycling and our supply chain in order

to manage our impact on the environment. We offer solutions to our customers enabling them to process their cable waste during installation or at end-of-life together with waste traceability.

The world is changing and the conditions around competition also. They demand that we evolve in order to ensure we remain durably flexible and competitive. We rely on regular and constructive dialogue between management and employees aimed at implementing the necessary reorganizations under the best possible conditions of support for the employees concerned. We are committed to developing our employees' skills in order to encourage working in project mode and openness to change, and to recognize and value expertise and talent.

A global player in the cable industry, we contribute to improving the quality of life. Today, 1.3 billion people do not have access to electricity⁽²⁾. We stand on the side of the solutions: those that will eventually provide everyone on the planet with responsible access to electricity. This is a tremendous incentive for us to commit to sustainable and shared energy. Together, we bring energy to life.

Arnaud Poupart-Lafarge
Chief Executive Officer

¹ - International Energy Agency - Central scenario - WEO 2014. ² - United Nations World Water Development Report - WWR 2014.

NEXANS BRINGS ENERGY TO LIFE

Each day, millions of people worldwide are able to act, produce, travel, learn, communicate, enjoy themselves and receive medical care thanks to our energy and data cables.

OUR MISSION IS TO DESIGN, PRODUCE AND SELL CABLES AND CABLING SYSTEMS TO SAFELY, RELIABLY AND DURABLY TRANSPORT THE ELECTRICITY AND DATA NEEDED FOR OUR DAY-TO-DAY LIVES. A GLOBAL PLAYER IN THE CABLE INDUSTRY, WE CONTRIBUTE TO DEVELOPMENT AND QUALITY OF LIFE.

3 STRATEGIC AXIS

Nexans is stepping up its transformation in a difficult market environment to lay the foundations for lasting performance.

COMPETITIVENESS

We are improving our operational efficiency and our productivity in all our processes.

We are reducing our fixed and variable costs, and our working capital requirement.

LEADERSHIP

We mobilize our capacity for innovation and develop our services before and after supplying cables in order to support our customers' development, and to strengthen their lead market positions in our areas of key expertise.

SELECTIVITY

We actively manage our business and project portfolio with an emphasis on growth markets where we can promote our technology and services by creating value for our customers.

6 SHARED VALUES

1 Think
CUSTOMER

2 Value
PEOPLE

3 Commit to
EXCELLENCE

5 Be
RESPONSIBLE

4 Take
ACTION

6 Work
GLOBALLY

4 MAIN MARKETS

We serve our customers on four main markets. They have excellent prospects given the growing population, rising living standards, urbanization, industrialization of emerging countries, expanding mobility and world trade, digitalization and explosion in data exchange. These developments lie at the heart of the energy transition and are generating growing needs for energy and data infrastructure, energy resources, transport and buildings that all underpin the demand for cables.

ENERGY AND DATA INFRASTRUCTURE



- ✓ Underwater, overhead, high, medium and low voltage electricity transmission and distribution grids
- ✓ Underwater and land-based copper and fiber optic telecommunication networks

ENERGY RESOURCES



- ✓ On and offshore oil & gas
- ✓ On and offshore wind and solar energy
- ✓ Thermal and nuclear power plants
- ✓ Mining operations

TRANSPORT



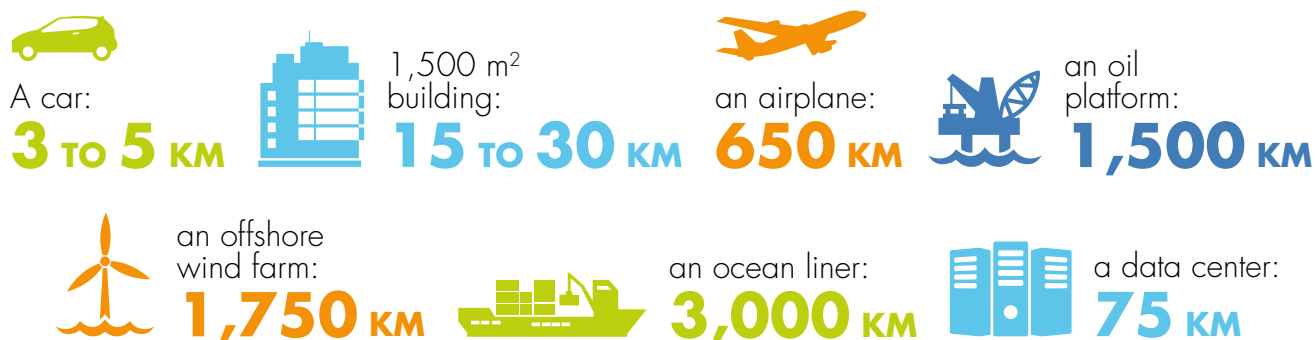
- ✓ Automobile
- ✓ Aerospace
- ✓ Shipbuilding
- ✓ Rail rolling stock and networks
- ✓ Airports, stations and port terminals

BUILDINGS



- ✓ Industrial, logistics, tertiary and commercial buildings
- ✓ Public buildings
- ✓ Housing
- ✓ Data centers

SEVERAL EXAMPLES OF CABLE LENGTHS FOR ...



¹ - 2014 sales at constant metal prices, the balance mainly concerns the production of electrical wire.

RESPONSIBLE GLOBAL

AND LOCAL DEVELOPMENT

► WORK GLOBALLY ► BE RESPONSIBLE

We work globally as a Group to mobilize all the resources needed by our customers, develop our employees' skills, improve our performance through sharing best practices, training and the dissemination of innovations.

We care for people and the environment in the way we perform our business.

We support access to electricity for underprivileged communities.



Industrial sites in
40 COUNTRIES

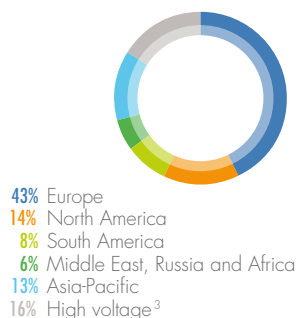
WORLDWIDE
commercial presence

In the **TOP 50¹**
most innovative
companies in
France

¹ - In terms of the number of patents filed –
INPI (French Patent Office) 2015.

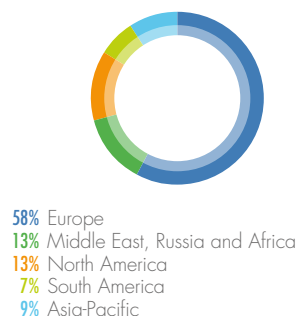
2014 SALES

6.4 billion euros²



HEADCOUNT 2014

26,000 employees



² - By origin at constant metal prices. ³ - Global business group.



NORTH AMERICA

Canada, United States, Mexico



SOUTH AMERICA

Brazil, Chile, Colombia, Peru



EUROPE

Belgium, Bulgaria, Czech Republic, Denmark, France, Germany, Greece, Italy, Lithuania, Norway, Poland, Romania, Slovak republic, Spain, Sweden, Switzerland, Ukraine, United Kingdom



MIDDLE EAST, RUSSIA AND AFRICA

Angola, Ghana, Lebanon, Morocco, Nigeria, Qatar, Russia, Senegal, Tunisia, Turkey



ASIA-PACIFIC

Australia, China, Japan, Korea, New Zealand

Industrial sites in

40 COUNTRIES ON 5 CONTINENTS

and a global commercial presence

**TO PROVIDE BETTER SERVICE
TO OUR CUSTOMERS**

EMPLOYMENT

26,000

87.5% OUTSIDE FRANCE

TRAINING

348,000

HOURS. 100,000 FOR SAFETY

WORKPLACE SAFETY:

**ACCIDENT FREQUENCY RATE
MORE THAN HALVED IN**

3 years

EMPLOYEE SHARE-OWNERSHIP:

**A 6TH WORLD
PLAN**

IN 2014

ACCESS TO ENERGY:

100,000

**PEOPLE HELPED IN 15 COUNTRIES
(NEXANS FOUNDATION)**

CONTINUOUS PROGRESS:

80%

**OF SITES HIGHLY ENGAGED
IN THE NEXANS EXCELLENCE
WAY PROGRAM**

68%

OF SITES CERTIFIED ISO 14001

100%

**OF ACTIVITY COVERED BY ISO 9001
OR 9002 QUALITY ASSURANCE**

71%

**OF MAJOR SUPPLIERS HAVE
SIGNED OUR CSR CHARTER**

OUR CSR POLICY

4 PRIORITIES, 11 AMBITIONS



**RESPECT AND
DEVELOP THE SKILLS
OF OUR EMPLOYEES**

1 WORKPLACE SAFETY

Reduce the accident
frequency rate

2 TALENT MANAGEMENT

Identify and develop internal talent,
and promote employee loyalty
Attract new talent

3 SOCIAL DIALOGUE

Maintain a regular and constructive
dialogue with our internal and
external stakeholders



**MANAGE AND REDUCE OUR
MAIN ENVIRONMENTAL
IMPACTS**

4 ENVIRONMENTAL MANAGEMENT

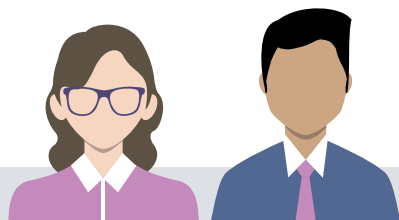
Maintain a high level
of environmental management
at our production sites

5 SOIL AND WATER POLLUTION

Prevent our pollution
risks

6 ENERGY EFFICIENCY

Optimize our energy
consumption



CUSTOMERS

PROMOTE NEW
GROWTH LEVERS

7 ENERGY TRANSITION

Promote solutions that facilitate
the energy transition

8 BUILDING FIRE SAFETY

Protect people
and property

9 CIRCULAR ECONOMY

Encourage recycling



ETHICS & SOLIDARITY

CONTRIBUTE TO
A DECENT AND
PROSPEROUS SOCIETY

10 BUSINESS ETHICS

Valuing our business by acting
in an ethical way as per
our compliance program

11 NEXANS FOUNDATION

For fair access to electrical power

Help underprivileged communities
to gain access to electricity
by involving all employees

CHALLENGES AND SOLUTIONS



CONTRIBUTE TO OUR CUSTOMERS' SUSTAINABLE PERFORMANCE

► THINK CUSTOMER ► TAKE ACTION

Network operators, energy producers, mine operators, engineering companies, equipment manufacturers, infrastructure and building construction contractors, installers and distributors: each of our customers has specific needs. We are committed to meeting their expectations with our teams who are ready to listen, and offer comprehensive proposals and personalized services.



SERVING OUR CUSTOMERS

In order to provide the best possible service to our customers, we are adapting our organization to improve our responsiveness, stimulate innovation, and build lasting and mutually beneficial relations. Customer satisfaction surveys are standardized. All entities use the same quality and service indicators.

COLLABORATIVE INNOVATION

Cables and cabling systems include an increasing amount of technology to meet ever more stringent standards. Among the cable industry's leaders, we rely on our capacity for innovation to provide safe, reliable, economic and sustainable solutions.

We turn to future technology such as composite conductors and superconductivity in response to safety issues and the energy transition.

We concentrate on fully understanding our customers' applications and expectations. We work closely with them. Several host our engineers seconded to their



sites to participate in new projects under development.

Digital simulation is speeding up the development process by assessing mechanical and thermal behavior, and resistance to fire and external aggression more quickly and more thoroughly. In our application centers, open to customers, we test and compare cable performance under real service conditions. These tests inform technical discussions which in turn lead to further progress.

FROM PRODUCTS TO SOLUTIONS

We develop complete product ranges by market segment including connection accessories and services designed to facilitate our customers' day-to-day activity and build partnership relationships: grouped or periodic deliveries, inventory management, cables cut to length on request, cable sets or harnesses ready to install, design and engineering, turnkey offers for network operators, training, maintenance, repair and life-cycle management. ■

PRODUCTIVE R&D

600

RESEARCHERS, ENGINEERS
AND TECHNICIANS

75

MILLION EUROS INVESTED
IN 2014

4

RESEARCH CENTERS
WORLDWIDE

- Metallurgy (France)
- Rubber (South Korea)
- Other materials and digital simulation (France)
- Extrusion, PVC and fire safety (Germany)

PARTNERSHIPS

WITH RENOWNED
LABORATORIES

78

PATENTS FILED IN 2014

SERVICES THROUGHOUT THE VALUE CHAIN

DESIGN, SUPPLY AND INSTALLATION

- ✓ Design and production
- ✓ Installation, tests and training
- ✓ Studies, specifications and advice
- ✓ Engineering
- ✓ Turnkey projects

LIFE CYCLE MANAGEMENT

- ✓ Life cycle analysis
- ✓ Product environmental profile
- ✓ Preventive maintenance and repair
- ✓ Optimization
- ✓ Recycling

OPERATIONAL CONTINUITY

- ✓ Call centers
- ✓ 24/7 technical assistance
- ✓ Emergency stock and express deliveries

SERVICES

- ✓ Just-in-time, grouped and periodic deliveries
- ✓ Shared inventory management and consignment inventory management
- ✓ Cut to length on request
- ✓ Cables and harnesses ready to install

ELECTRICITY

TRANSMISSION AND DISTRIBUTION



THE CONTEXT

- ✓ Electricity is crucial to development and its availability is critical for a growing number of applications.
- ✓ 1.3 billion people do not have access to electricity¹ of whom 2/3rds live in Sub-Saharan Africa.
- ✓ Worldwide electricity demand is expected to increase by 80% by 2040².
- ✓ Renewable energies should account for one-third of production by then.
- ✓ Cities may be home to 2/3rds of the world's population by 2050 compared with 54% in 2014, that is, an additional 2.5 billion people³ given foreseeable population growth rates. ■



THE CHALLENGES

- ✓ Provide and secure electricity supply.
- ✓ Incorporate renewable energies to ensure the success of the energy transition, combat climate change and protect the environment.
- ✓ Protect transmission and distribution grids from faults caused by consumption peaks and the rise of intermittent renewable energies.
- ✓ Transport and distribute electricity at the best possible cost while reducing line losses.
- ✓ Find solutions to urban constraints. ■



ELECTRICITY DEMAND

+80%
BY 2040

URBAN POPULATION

+2.5 billion
BY 2050

PEOPLE WITHOUT ACCESS TO ELECTRICITY

1.3 billion

¹ - United Nations World Water Development Report - WWR 2014. ² - International Energy Agency – Central scenario - WEO 2014.
³ - United Nations Department of Economic and Social Affairs – 2014 Report on World Urbanisation Prospects.



OUR SOLUTIONS

| Underwater networks

As the global leader in underwater applications, we deliver turnkey solutions for network interconnection, ensure reliable electricity supply, make the most of installed production capacity, repatriate production from offshore wind farms while ensuring protection of the environment. We handle the largest projects and regularly set power, length and depth records.

EXCHANGING GREEN ELECTRICITY

Germany and Norway are reinforcing their energy security and making better use of their renewable electricity production by exchanging their surpluses: wind and solar energy in Germany and hydropower in Norway. This exchange will be made using a new subsea interconnection called NordLink, for which we are providing the turnkey installation. This historic contract worth around 500 million euros includes the design, manufacture and installation of two 525 kV high-voltage, direct-current, underwater cable sub-systems with a total length of 700 km.



Starting in 2021, Norway will be able to exchange up to 1,400 MW of green electricity with the United Kingdom via NSN. This new 730 km link under the North Sea will also include two 525 kV high-voltage, direct-current sub-systems. We are supplying the underwater cable on the Norwegian side under a contract worth 340 million euros.

ISLANDS AND OFFSHORE: POLLUTION-FREE SUPPLY

High-voltage subsea links are an excellent alternative to generators to meet high-season demand on islands. Fiber optic can be annexed to these cables to meet communication needs as well. We are extending the high-voltage, direct-current link that we installed between Spain and Majorca to Ibiza. Laid at a depth of 750 meters, this 115-km, three-phase cable established a dual world record. These power supply solutions are also suitable for oil and gas platforms to provide energy from the mainland.



LAYING AND PROTECTING SUBSEA CABLES

C/S Nexans Skagerrak is one of the world's most powerful cable-laying ships. Equipped with a 7,000-metric ton capacity turntable and a dynamic positioning system, it can transport extremely long, high-voltage underwater cables and lay them in deep water.

Our remote-controlled Capjet robots bury the cables in the seabed to protect them from fishing activity and drifting anchors. We are constantly improving them: recently, we developed a cutting head able to cut through rock with a resistance of 45 megapascals (unit of measure for stresses and pressure). ■

| Overhead and underground networks

We employ advanced technology to boost energy capacity, safety and efficiency of overhead and underground networks and to facilitate the integration of intermittent renewable energies. We provide simple and economical integrated systems that help develop electrification in emerging countries.

MORE POWER WITH THE SAME FOOTPRINT

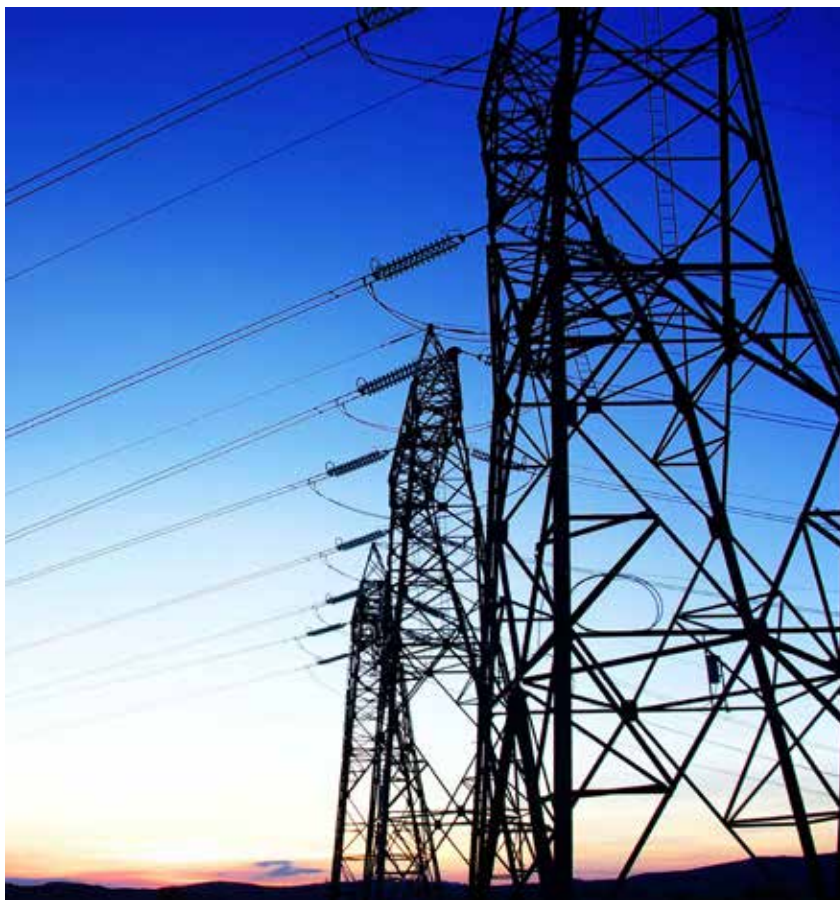
Doubling the capacity of an overhead line while limiting the number of pylons, overcoming a bottleneck without creating a new corridor and crossing a water course more easily: LO-SAG® is the answer to these many challenges. This composite-core aerial conductor operates at 150°C¹ and dilates ten times less under the effect of heat than a standard conductor. Light and strong, it massively increases a line's capacity and stress resistance, provides the same level of safety with lower pylons set further apart and allows for spans of up 2.5 km.

SECURING POWER SUPPLY IN SHANGHAI

The dynamic growth of Shanghai has led to a significant hike in the demand for electricity. By the end of 2016, we will have boosted the intra-urban underground network with the installation of a second 15-km, 500-kV XLPE² cable between the Baoshan and Yangpu districts. We already helped meet the challenge of the city's growth with a similar installation in 2009.

PROTECTING NETWORKS

Superconducting Fault Current Limiters (SFCL) act like mega-fuses by instantly limiting the current to a tolerable level. The global leader for this technology, Nexans produces SFCLs to protect industrial facilities, distribution networks and transmission grids. The fault limiters facilitate the connec-



Enel
BEST SUPPLIER
(Italy)



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tion of solar and wind power capacity whose inherent intermittence weakens the electricity system. In particular, we coordinated the European

Eccoflow project designed to protect at the best possible cost the increasingly interconnected transmission grids using a new generation of multi-purpose SFCLs.

¹ - Up to 180°C in its High Capacity version. ² - Reticulated polyethylene.

IN THE VANGUARD OF SMART GRIDS

Smart grids require installing instruments to make networks communicate and make the electricity system safer, more economical, more ecological and more efficient. Opened in 2014, our new center of expertise in Donchery (France) presents the Group's products and services in this area.

We have developed a coupling device that makes it possible to use low and medium-voltage grids to transmit smart meter data. This solution, based on power line carriers, means operators can manage their distribution network efficiently and in real time, whether for smoothing consumption, managing peaks, integrating decentralized electricity production or remotely controlling their equipment.



FACILITATE THE ELECTRIFICATION OF EMERGING COUNTRIES

We work with companies involved in major electrification programs with a simple and comprehensive product range that is easy to manage. NEOGRID® includes all the equipment needed to install a power line: cables, transformers,

junction boxes, circuit breakers, prefabricated substations and accessories. Our services also include engineering consulting to guarantee the interoperability of equipment, and training. A single interface for our customers simplifies finance and order management, ensuring they have access to quick customs clearance, on-demand delivery services and packaging that makes installation easier.

We also provide antitheft cables to combat the electricity theft which slows the electrification of underprivileged districts. These detect attempts to make fraudulent connections and automatically cut the line. By helping companies eradicate a major source of loss, this solution encourages the development of networks and access to electricity. ■

SUPERCONDUCTIVITY: THE FUTURE OF URBAN NETWORKS?

Superconductor cables carry five times more power than standard cables with the same diameter without heating and without generating a magnetic field.

We achieved a world first in Essen (Germany) with the commissioning of Ampacity. This medium-voltage system has a one-kilometer, 10 kV superconductor cable – a world record for length – two end connectors and a fault current limiter to protect the cable from short circuits.

Despite the cost of the superconductor cable, this safe and efficient solution has proven advantageous because it has a low footprint, the easement limited to a single cable, it has a quick and economical connection and there is no need for transformers in the city center. These are all positive advantages for cities where the environmental restrictions are high, land is scarce and electricity demand is high. ■



ENERGY

RESOURCES



THE CONTEXT

- ✓ Global energy demand should increase by almost 40% by 2040¹: oil by 15%, gas by 50%, and coal by 15%.
- ✓ The share of wind and photovoltaic solar power in the world's energy mix should increase fourfold¹. ■



THE CHALLENGES

- ✓ Access to new oil and gas resources.
- ✓ Facilitate the development and connection of wind and solar energy.
- ✓ Ensure the safety of people and facilities, protect the environment and reduce costs to make energy accessible to the greatest number possible.

We design cables for the most demanding environments: great depths, high pressures, extreme temperatures, corrosive fluids and intense mechanical stresses. Our cables are used in control-command systems to monitor production and optimize preventive maintenance. ■



OUR SOLUTIONS



PARTNERING MAJOR WIND FARM PROJECTS

Our WINDLINK® cables are helping secure the operation of all sizes of onshore and offshore wind turbines under all conditions.

We also cable wind farms, in particular major offshore projects. We are developing a new generation of 66-kV subsea cables, that is, double the usual voltage,

together with the associated connectors to collect and repatriate the electricity generated by the most powerful offshore wind turbines. This program benefits from the support of the Carbon Trust under the Offshore Wind Accelerator program. Our power cables come with fiber optic cables and Ethernet switches to monitor the facilities.

SOLAR ENERGY: YIELD AND LONGEVITY

We maximize the availability, security, performance and longevity of photovoltaic installations. Our KEYLIOS® sensor cables transmit the data enabling solar panels to remain constantly aligned with the sun's path. These systems can increase yield by 40%. The halogen-free ENERGY-FLEX® range ensures enhanced safety in

the event of fire, operates between -40°C and +120°C, and withstands ozone and UV rays. Its BE-FAST version makes it possible to cable an installation 30% to 50% quicker while at the same time limiting the risk of injury, as the operation is made bare-handed without the need for any cutting tool.



¹ - International Energy Agency – Central scenario - WEO 2014.

MINING OPERATIONS: SAFETY FIRST



Our POWERMINE® cables and connection accessories are designed to ensure maximum safety for mining operations, in particular in the event of fire, and to withstand the risk of cables being crushed by mine machinery, which could

otherwise paralyze production. Reflective and fluorescent sheathes help reduce this risk both in the daytime and at night-time. We also provide training to mining technicians on how to install and repair cables.

OIL AND GAS: AN ALTERNATIVE TO LEAD

For fixed and floating oil and gas facilities, we are developing halogen-free power and data cables that provide excellent resistance to fire and chemicals in all climates, from the hottest deserts to Arctic seas. We provide on-site training in the installation and protection of medium-voltage power cables.



For onshore refining and petrochemical plants, the lead-free HYPRON® cables are as resistant to chemical substances, but are more flexible and weigh less. In addition to eliminating the lead, harmful

for the environment, these qualities also improve the carbon balance, facilitate installation and end-of-life recycling.

LIQUEFIED NATURAL GAS: SECURE TRANSFERS



LNG contributes to energy supply security by providing an excellent alternative to diesel for ships and trucks². Our CRYOFLEX® cryogenic tubing safely transfers this liquid gas at -160°C between the Floating Production Storage and Offloading vessels (FPSOs), storage and regasification terminals, methane tankers, and even ships using LNG as their fuel. ■

² - Fines – 96%, nitrous oxides (NOx) – 70%.

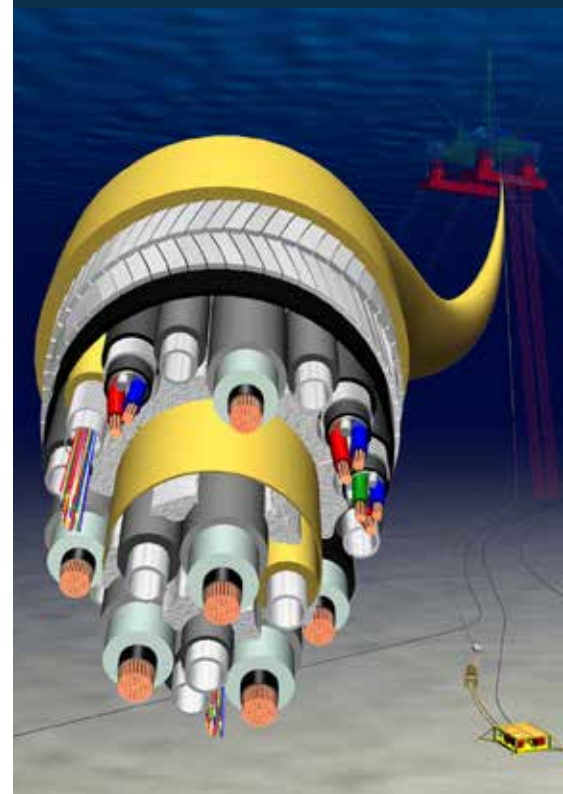
UMBILICAL CABLES, DIRECT ELECTRIC HEATING: GLOBAL LEAD POSITIONS

We are developing state-of-the-art underwater solutions to access new oil and gas resources: hybrid fluid, energy and data cables operating in ultra-deep water, heating cables (DEH), and multifunction umbilical cables to power and remotely guide underwater robots (ROVs).

Our ENABLE® cables increase ROVs' range of action and lifespan because of its bending strength.

Our SUTA-FLEX® system reduces access costs by enabling several wells to be managed from a single umbilical to which several modules can be connected.

Direct electrical heating (DEH) of pipelines avoids the need for fluidifying chemicals to maintain a constant flow rate. ■



TRANSPORTATION

AND TRANSPORTATION INFRASTRUCTURE



THE CONTEXT

- ✓ Global automobile production is set to exceed 100 million units a year in 2020¹ of which 8% will be hybrid or electric cars².
- ✓ High speed rail lines could increase by 60% by 2020³.
- ✓ Light rail, subways and regional express networks are already growing apace with rapid urbanization to provide urban and intercity public transport in major conurbations.



- ✓ Air traffic is expected to double within 15 years requiring 31,000 new aircraft over the same period⁴.
- ✓ Road and rail freight could increase by between 230% and 420% by 2050, and port traffic

by 400%⁵: This rapid increase will require new generations of handling equipment.

- ✓ Road and air traffic CO₂ emission standards will become increasingly stringent. ■



THE CHALLENGES

- ✓ Strengthen safety and reliability.
- ✓ Reduce the weight of vehicles, aircraft, ships and rail rolling stock, and develop electric solutions to save energy and reduce CO₂ and pollution emissions.
- ✓ Extend lifespans and improve recyclability.
- ✓ Improve the efficiency and ease of on-board communications.
- ✓ Ensure the safety, efficiency and continuity of transport infrastructure operation, and optimize freight handling. ■

AUTOMOBILE PRODUCTION

100 million units
IN 2020

HIGH-SPEED LINE (HSL) RAIL NETWORKS

+60%
IN 2020

AIR TRAFFIC

x2
IN 15 YEARS

PORT TRAFFIC

x2
BY 2050

1 - PwC Autofacts Sept. 2014. 2 - Xerfi October 2014. 3 - Sia Partners 2014. 4 - Airbus Global Market Forecast 2014-2033. 5 - OCDE - ITF Transport Outlook 2015.

The rapid growth in mobility demands new solutions to limit the impact on the environment, and to make infrastructure operation more secure and more reliable given the increasingly heavy demand. We are working very closely with manufacturers and equipment suppliers to find solutions to these challenges.



OUR SOLUTIONS

AUTOMOBILES: MAIN FOCUS ON REDUCING WEIGHT

Ecology and economy are the main priorities for automobile cabling. To save 1 g/km of CO₂, the weight of an internal combustion vehicle needs to be reduced by 10 to 12 kg. Each gram counts in this battle stimulated by significant disincentives in Europe for vehicles that do not achieve 95 g/km of CO₂ in 2021.

We are contributing to achieving these targets with finer and lighter cables able

to withstand high temperatures through the use of high-performance silicon insulators. Our bundles are used for engines and gearboxes on German automakers' most recent premium models.

We manufacture cables that use half as much copper to control LEDs and sensors, and cables made from the ultra light DATAGREEN® alloy for on-board

multimedia and navigation systems. This alloy provides very significant weight and volume savings, which are highly appreciated for numerous applications in the transportation, industry and data center sectors.

HYBRID VEHICLES: HIGH TECHNICAL DEMANDS

From 2014 to 2020, the output of hybrid vehicles is expected to rise from 2.8 to 5 million, that is, almost 5% of the world market⁶. Operating at 600 V, the supply of power to the electric motor poses serious challenges.

Installed in tight spaces, our high-voltage cables are compact, flexible, safe and long-lasting. They can withstand a temperature of 180°C for 3,000 hours in the presence of oil and other aggressive agents. They provide excellent electromagnetic compatibility (EMC) in order not to generate any interference liable to affect control and safety equipment. ■



⁶ - PwC Autofacts Sept. 2014.

ELECTRIC CHARGING: A SMART SYSTEM

Nexans is participating in the Eco2charge program, which benefits from support from France's Investments for the Future Program. The aim is to speed up the rollout of charging infrastructure at the best possible cost at the building or campus level. Eco2charge combines an energy management system with additional photovoltaic production and electricity storage in recycled automobile batteries.

We have designed a smart system to optimize the electricity demand at the level of an equipped site, together with a set of patented busbars connecting the charging terminals without the need for complex civil engineering work. It is suitable for use in various types of sockets and charging rates.



LONG HAUL EXPLORATION OF MARS

Since August 2012, the Curiosity rover has been exploring the planet Mars where it recently detected nitrogen, an element essential for life forms. Its mission set at one Martian year, that is 687 days, is ongoing. Curiosity is equipped with power, control and data cables manufactured by Nexans, as were Spirit and Opportunity sent to Mars in 2004. Spirit operated for seven years before becoming blocked in a crater. In January 2015, Opportunity established the exceptional record of 11 years' uninterrupted exploration of Mars ■

AIRCRAFT: NEW GENERATION CABLES

With the development of digitization, electronic controls and in-flight entertainment, aircraft process a growing volume of data and require an increasing amount of power.

As the only cable manufacturer qualified both for Airbus and Boeing, we cover all applications and provide complete

support from engineering to end-of-life recycling. Our most recent innovations include a new generation of lightweight cables using an aluminum alloy and new lightweight, highly resistant smooth ribbon cables that have been specially designed to facilitate the installation of harnesses.



Fokker
BEST SUPPLIER
(Morocco)



SHIPS: SAFETY UNDER ALL CONDITIONS

Omni-present in ships, our cables provide the highest levels of safety onboard, together with extreme ease of installation. They are being used for all purposes aboard the world's largest ocean liner – 3,941 cabins – currently being built

SECURING RAIL TRAFFIC MANAGEMENT

The ERTMS/ETCS¹ system will eventually replace the current 27 signaling systems in service in Europe. We are supplying the necessary fiber optic cable and halogen-free ETCS eurobeacons that deliver very high performance over long distances. For the safety of regional lines, our DUOTRACK® combined communication and control-command clips directly onto the rails. This reduces cost by more than 50% and discourages copper theft. Other solutions to combat this type of theft that causes network disruption include a cable protected by a steel wire armor and copper that is difficult to cut and separate out, and CORE-TAG®, a cable marked with the name of its owner using fire-resistant technology to improve its traceability. This patented solution has been adopted by French railway network operator Réseau Ferré de France. ■



in Saint-Nazaire (France). The critical systems of ships transporting passengers must remain operational for at least three hours in the event of fire. Certified by DNV-GL, our fire-resistant cables meet these conditions: our patented INFIT® technology maintains the integrity of electric circuits up to 850°C by transforming the flexible insulation into ceramic in the presence of fire.

We have also designed the first power cables for navigation in Arctic waters. Certified by Lloyd's Register, they retain their flexibility down to -50°C by incorporating our ICEFLEX® technology able to withstand oil, chemical agents and corrosive fluids while also providing excellent fire resistance.



1 - European Railways Traffic Management System / European Train Control System.

PORTS AND AIRPORTS: REDUCE AIR POLLUTION

Our electrical connection systems enable berthed ships to turn off their engines and maintain electricity onboard.

The Auxiliary Power Unit (APU) motors used by aircraft at airports are particularly polluting. Of the 30 busiest airports in Europe, 22 have already limited the length of time APUs can be used. Our 400 Hz electric cables provide a zero emission replacement solution.

More broadly, we meet the safety, reliability, continuous-operation and longevity requirements for transportation infrastructure (terminals, stations, road and rail tunnels, etc.) with robust and upgradable solutions for their power and communication networks.

Submersible, free of all halogen compounds, operating from -50°C to 90°C, flexible and strong, the new TITANEX® Premium cables illustrate our

ability to combine often conflicting performance requirements at a high level in the one product.

RAIL ROLLING STOCK: MORE DEMANDING REQUIREMENTS

The increasingly high safety, energy efficiency and passband requirements for train management and passenger comfort demand constant improvements in fire performance, the need to develop high-temperature cables that are ultra-resistant to corrosion in hybrid diesel locomotives, and even to provide more compact and lighter products, and high-capacity fiber optic onboard systems. Our latest innovations include an aluminum cable that can save up to 200 kg per car while providing the same flexibility and fire-resistance performance as copper cables, despite having a lower melting point. ■

BUILDINGS



THE CONTEXT

- ✓ Buildings are the major consumers of energy worldwide. The residential and tertiary sectors account for 40% of energy consumption.
- ✓ Cities will be home to an additional 2.5 billion people by 2050¹.
- ✓ There are an increasing number of complex, large and very high buildings: hospitals, universities, museums, stadiums, shopping malls, conference centers, hotels, offices, residential complexes, etc.



- ✓ Increasingly dense energy and data networks are needed to service equipment: access control, monitors, sensors, elevators, voice-data-image networks, etc.
- ✓ New standards encourage building and renovating in a safer and more sustainable manner: HQE, BREEAM, LEED, Green Mark and Green-star. ■



THE CHALLENGES

- ✓ Contribute to the development of sustainable cities.
- ✓ Ensure reliable power supply and safety for buildings, especially in the event of fire.
- ✓ Comply with environmental standards: building energy efficiency, and the longevity and recyclability of the materials used.
- ✓ Contribute to the move towards positive-energy buildings connected to local smart grids.
- ✓ Facilitate the work of specifiers and installers. ■

40%

OF THE WORLD'S
ENERGY CONSUMPTION

1/3

OF THE WORLD'S CO₂
EMISSIONS

2/3

OF THE WORLD'S
URBAN POPULATION
IN 2050

First cables

for tertiary and residential buildings certified by the **Singapore Green Building Council**



Korea Eco-Label:

our South Korean subsidiary has received the South Korean eco-label for **five flame-retardant cables**



Australian Green Building Council :

our Australian subsidiary complies with the Australian Green Building Council's **"Best Practice Guidelines for PVC"**



Named best

Distributor and Installer supplier **in Brazil**



¹ - United Nations Department of Economic and Social Affairs – 2014 Report on World Urbanization Prospects.



OUR SOLUTIONS

Our *Building Tomorrow Today* approach supports the construction of sustainable buildings from design through to the completion of works. It combines safety and energy efficiency with a minimum ecological footprint. We simplify the work of specifiers and installers, and contribute to training qualified electricians.

FIRE SAFETY

Our halogen-free ALSECURE® cables with improved fire resistance do not propagate flames, release limited opaque and irritating smoke, and do not react when in contact with dry ice or water that could damage facilities.

ALSECURE® Premium fire-resistant cables operate up to 1,000 V at more than 1,000°C thanks to our exclusive INFIT® insulation technology that protects the conductor in the event of fire. Detection, alarm and emergency exits signaling systems all remain operational, which facilitates evacuation and intervention by emergency teams.



ENERGY EFFICIENCY

The EcoCalculator helps select the most appropriate cable combining energy efficiency, reduced CO₂ emissions and human safety. Once the technical parameters have been specified, the calculator suggests the most suitable cable cross-section to minimize electricity losses due to heating.



The EcoCalculator calculates the kWh, CO₂ emissions linked to the period of use, savings made, return on investment and the end benefit throughout the installation's entire lifespan. Finally, providing they exist, it proposes halogen-free alternatives to improve safety in the event of fire.

ENVIRONMENTAL PROTECTION

Power cables comply with the RoHS Directive and REACH² regulations thereby making it easier to obtain sustainable building certifications.



More than 1,500 of our products come with a PEecopassport® which defines their environmental profile through a life cycle analysis. Our Green Drums program for managing and recovering cable drums³ and our comprehensive recycling solutions underscore our commitment to protecting the environment. ■

FACILITATING INSTALLATION

Simplifying the work of electricians with products that are easy to find, order, stock, transport, handle and install contributes to meeting the need for the best conditions of quality, competitiveness and time-savings. Our online EASYCALC® app helps to find the best cable quickly. Our ergonomic designs and packaging speed up cabling electricity cabinets, improve cutting precision, optimize stock management and result in a time savings of up to 50%. ■



2 - For more information, see p. 26. 3 - For more information, see p. 29.

TELECOMMUNICATIONS:

NETWORKS AND DATA CENTERS



THE CONTEXT

- ✓ Global Internet traffic is expected to continue to increase by 20% a year¹ driven by high-definition video, very fast mobile networks and machine-to-machine connections.
- ✓ The rapid rise in cloud computing and its on-demand digital services using the Internet is transferring IT infrastructure towards data centers and increasingly powerful networks.
- ✓ The large data centers consume 8 to 10% of electricity in developed countries and 3% globally. The corresponding CO₂ emissions are estimated to be 200 million metric tons².
- ✓ Two-thirds of the world's population does not have access to the Internet and even within developed regions coverage in rural areas and on islands is still insufficient³. ■



THE CHALLENGES

- ✓ Improving the reliability, availability and security of networks and equipment, in particular, to secure critical applications.
- ✓ Monitor connections and control access to protect data confidentiality and prevent pirating.
- ✓ Rapidly develop fiber optic and facilitate migration towards 40 and 100 Gbps to handle the explosion in traffic.
- ✓ Improve the energy efficiency of data centers.
- ✓ Reduce the digital divide at the best possible cost. ■

Fiber **COMPANY OF THE YEAR**
award in Sweden



Huawei **PARTNER OF THE YEAR**
in China



3,635

DATA CENTERS⁴

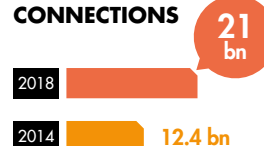
3%

OF THE WORLD'S ELECTRICITY
CONSUMPTION

200_{mt}

CO₂ EMISSIONS

**INTERNET
CONNECTIONS**



**AVERAGE CONNECTION
SPEED**



¹ - Cisco Visual Networking Index 2015. ² - Data center map – May 2015. ³ - The Global Information and Technology Report 2015 – Cornell University, Insead, World Economic Forum.
⁴ - Data center map mid-May 2015 + 40% in 10 months.



OUR SOLUTIONS

In a world of growing communication and connectivity, we provide solutions to speed up the rollout of networks, increase capacity and secure the operation of infrastructure and local networks, and improve the energy efficiency of data centers.



REDUCING THE DIGITAL DIVIDE

We provide more economical solutions to facilitate access to fast Internet in isolated regions:

- ✓ Submarine cables with or without repeaters containing up to 96 fibers each able to transmit several terabytes per second.
- ✓ A robotic winding system for fiber optic cables on high-voltage overhead lines.
- ✓ A highly advantageous extractable fiber optic aerial cable to cable end users in rural zones; it is installed on existing pylons and the fibers are drawn according to need.

FACILITATE THE FIBER ROLLOUT IN URBAN AREAS

Urban densification is making civil engineering work more complex and more expensive, which is holding back the rollout of fiber networks. We provide quick installation techniques in existing conduits.

Pooling infrastructure is another way of tackling this issue: our KINOPTIC® cable has more than 1,000 optical fibers. Flexible, simple and easy to install, this high-capacity solution includes the components, distribution boxes and subscriber connections.

LOW-COST, SAFE AND EFFICIENT LOCAL NETWORKS

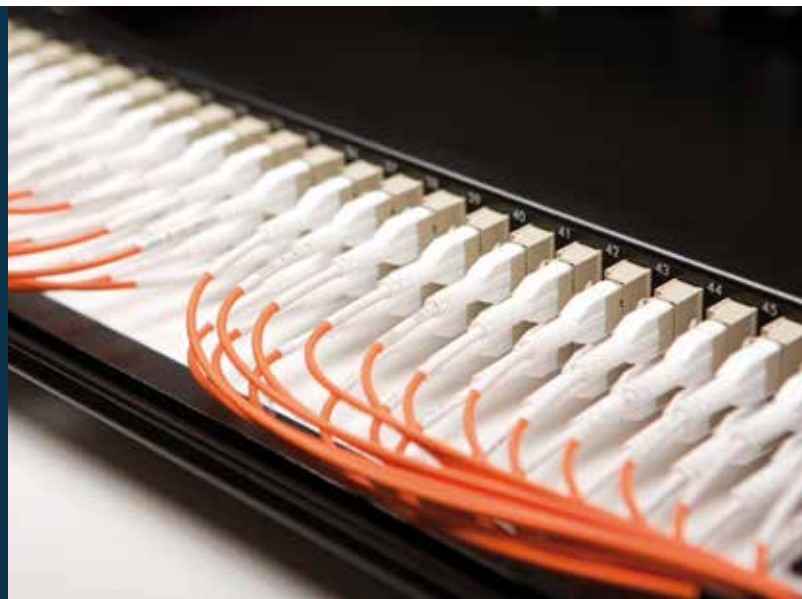
Using profiled insulation, a patented extrusion technique, our standard cables for local networks deliver a better signal with less material, resulting in a significant savings. We develop robust, reliable and upgradable solutions enabling local networks to serve critical applications in hospitals, research centers and financial services, and to withstand the aggressive conditions found in certain industrial environments. ■

OPTIMIZE THE ENERGY EFFICIENCY OF DATA CENTERS

Large data centers consume as much energy as a medium-sized town. Electricity accounts for 12 to 15% of their operating costs, with cooling accounting for about half the total.

Our cabling solutions are considered a benchmark for their resistance to heating, transmission capacity and for their migration to 40 and 100 Gbps.

Our EMAC⁵ system for smart management of energy consumption and cooling needs determines the capacity required at each moment, provides access control, checks the energy consumed by hosted customers, manages and plans loads, warns in the event of a problem and proposes solutions. ■



5 - Environmental Monitoring & Access Control.

RESPONSIBLE MANAGEMENT



CONTINUOUS IMPROVEMENT

► VALUE PEOPLE ► COMMIT TO EXCELLENCE

Our support for the United Nations Global Compact is a sign of our commitment to contributing to a global citizen economy and to encouraging our suppliers and partners to do likewise. We incorporate its principles in our strategy and management, and strive to ensure they are implemented.



A DEDICATED CSR ORGANIZATION

Since 2009, the CSR¹ Committee determines our sustainable development policies and monitors the various projects. It is chaired by Arnaud Poupart-Lafarge, the Group's Chief Executive Officer. It meets twice a year with the members of the Group's management, the Secretary General and General Counsel, and the Director of Communications. The CSR manager acts as the Committee Secretary.

¹ - Corporate social responsibility.

► Two expert Committees, organized around working groups, steer and coordinate projects.

GOVERNANCE AND SOCIAL / EXPERT COMMITTEE

- ✓ Governance
- ✓ Compliance
- ✓ Ethics and Business Conduct
- ✓ Risk Management
- ✓ Social Dialogue
- ✓ Talents
- ✓ Employees Survey
- ✓ Communities Relationship – Nexans Foundation
- ✓ CSR Reporting
- ✓ CSR Communication

ENVIRONMENT AND PRODUCTS / EXPERT COMMITTEE

- ✓ Environmental Management
- ✓ Audits and Certifications
- ✓ Energy Efficiency
- ✓ Waste Management – Recycling
- ✓ Property Management and Soil Pollution
- ✓ Sustainable Products and Services Offer
- ✓ REACH and Substances
- ✓ Workplace Safety – Health
- ✓ Sustainable Purchasing

ETHICS AND BUSINESS CONDUCT

The Code of Ethics and Business Conduct sets out the rules and ethical values that the Group's employees must comply with in their professional activities. Training ensures everyone understands the issues at stake.

The purpose of the Ethics Compliance Program is to define management actions to prevent, detect and respond to any violations of ethic based laws and rules. Each year a specific action

plan is defined and deployed throughout the Group by the management (and namely entails the signing of compliance certificates, trainings,...). Commercial personnel including purchase teams are made particularly aware of competition rules. The implementation and carrying-out by management of the annual action plan of the Ethics Compliance Program are audited each year by the Internal Audit.

Appointment of a Compliance Program Officer

In the framework of the continued effort of the General Management to highlight the importance for the Group of the Ethics Compliance Program and its actions, the design of the program and the support of management in its implementation will be concentrated under the responsibility of a Compliance Program Officer as of October 20, 2015.

Alert procedure

A procedure for reporting amongst others to the Group Ethics Correspondent (which function is separate from that of the Compliance Program Officer) breaches of the rules stipulated in the

Code of Ethics and Business Conduct in accounting, financial and banking business together with corruption or competition has been in place since 2011 and should be extended to other areas of the Code in 2016.

DIALOGUE WITH THE STAKEHOLDERS

We are committed to developing quality relations with our clients, our economic and social partners, professional organizations as well as with public authorities at all levels.

- ✓ Our participation in numerous professional organizations enables us to share best practices with other companies and to foresee changes to standards and regulations.
- ✓ We hold regular discussions with the stakeholders, in particular with rating agencies, socially responsible investors and non financial analysts. This continuous dialog keeps us aware of the most important sustainable development challenges and subjects from the perspective of our stakeholders and on that basis we work to define main lines of evolution as well as indicators to measure the performance of our actions. ■

THE CODE OF ETHICS AND BUSINESS CONDUCT IS:

- ✓ Presented to each employee on his or her arrival
- ✓ Available in 16 languages
- ✓ Accessible on the Internet and the company intranets
- ✓ Promoted and explained by management
- ✓ Appointment of a Group Ethics Correspondent

A NEW "ETHICS AND COMPLIANCE" INTRANET SITE

Targeting all employees, this site centralizes the Group's codes, charters, procedures and recommendations in these areas, the answers to the questions most frequently asked by customers and stakeholders, the available training courses and the best practices that have been identified. ■

DESIGN AND PRODUCTION

Continuous improvement and innovation maximize the use of natural resources for our products and businesses.

MORE ECONOMICAL AND SAFER PRODUCTS

We seek the most economical means to obtain the performance expected by our customers and use life-cycle analysis to assess a cable's environmental footprint. The EIME¹ program helps us identify the best options. Two European regulations, RoHS² and REACH³, encourage research into substitutes that are safe for the environment and human health. REACH requires manufacturers to register and assess the chemical substances they use⁴, and to provide precise details about the composition of their products. These obligations presuppose transparency throughout the entire supply chain. We are complying with these regulations and are helping our customers with their own procedures.



REACH COMPLIANCE ENSURED THROUGH:

- ✓ **Rigorous tracking** of materials used to manufacture our products in partnership with our suppliers
- ✓ **A complete and up-to-date database**
- ✓ **NEXANS TRACKER®**, a new online tool providing easy access to information about the substances in the REACH Candidate List that may include our products. ■

THE CONDITIONS FOR OBTAINING THE EHP LABEL:

- ✓ **Zero PCB⁶**
- ✓ **No hazardous liquids stored without protection**
- ✓ **50% of cooling water recycled**
- ✓ **Wastewater quality monitored**
- ✓ **Waste sorted and a waste reduction policy**
- ✓ **Environmental crisis management plan and corresponding operational equipment**

79

PLANT MANAGERS
TRAINED IN INDUSTRIAL EXCELLENCE
INCLUDING CSR

RIGOROUS ENVIRONMENTAL MANAGEMENT

In accordance with the ISO 14001 standard applied by all our sites, our environmental management system is based on risk assessment, training in best practices, tracking each site's results, continuous improvement programs and audits.

The improvements mainly concern soil protection, water management, containment of hazardous liquids, emissions treatment, and optimizing heating, air-conditioning and lighting solutions. A dedicated intranet lists all the information needed and provides a forum for the exchange of best practices. All employees are encouraged to become involved.

All sites undergo an annual environmental assessment and are audited at least once every three to five years by the HSE Department. The internal EHP⁵ label is allocated to those units that meet the Group's standards. Corrective action is included in plants' three-year plans. In 2014, 21 sites were audited and 11 were granted the EHP label.



68% OF INDUSTRIAL SITES CERTIFIED ISO 14001

	2014	2013	2012
SITES MONITORED	92	93	94
ISO 14001	63	63	62
EHP	72	71	72

¹ - Environmental Information and Management Explorer. ² - Restriction of hazardous substances: lead, mercury, hexavalent chrome, polybrominated biphenyl (PBB) and polybrominated diphenyl ethers (PBDE), cadmium and four phthalates banned in certain equipment. ³ - Registration Evaluation Authorization and Restriction of Chemicals: this regulation is implemented in steps from the largest to the smallest quantities used. ⁴ - Depending on assessment results, some substances may be subject to authorization or usage restrictions. ⁵ - EHP: Highly Protected Environment. ⁶ - Polychlorobiphenyls.

SAVING NATURAL RESOURCES

Three programs contribute to reducing our consumption of raw materials and energy.

- ✓ Nexans Excellence Way standardizes best practices in the areas of safety, quality, service, consumption and inventory management, and ensures they become general practice through the close involvement of all employees. More than 80% of industrial and logistics sites participate in this approach.



- ✓ Nexans Excellence Technologies relies on 10 networks between plants that share the same issues around qualifying the most efficient equipment and processes, and encouraging the rapid dissemination of technical innovations.
- ✓ The global partnership signed with Bureau Veritas contributes to best practices in the areas of quality, the environment and safety becoming general practice.

REDESIGN TO COST: LESS IMPACT, IMPROVED COMPETITIVENESS

Around 10 redesign projects are underway. They aim to reduce consumption while meeting customers' expectations with a greater level of precision. The most important of these concern optimizing and standardizing the design and production processes for copper and aluminum conductors, and rubber and PVC compounds used as insulators. ■

MEASURE AND STANDARDIZE TO PROGRESS

Tracking consumption, ensuring tried-and-tested operating methods become general practice, controlling processes and managing day-to-day performance all help reduce excessive consumption and production rejects by improving quality. Production waste, such as PVC purges, are fed back into the production process or recovered through recycling.

WATER

Cooling water is needed to manufacture cables. Nexans is investing in closed-circuit equipment. The sites that consume the most water have introduced action plans that will be closely monitored.

ENERGY

An energy efficiency plan has been introduced for the 16 plants that account for 50% of consumption. Process and equipment energy efficiency is calibrated to select the most economical and take rapid action in the event of a malfunction.

ATMOSPHERIC EMISSIONS

Each plant monitors the greenhouse gas emissions attributable to its consumption of fossil fuel and to its fugitive emissions when purchasing electricity and steam, and when managing waste. Actions are implemented to reduce these emissions.

86%

OF SITES RECYCLE MORE THAN 75%
OF THEIR COOLING WATER

3.5 million euros
INVESTED IN ENERGY EFFICIENCY
IN 2014

NEXANS IS NOT SUBJECT TO
EUROPEAN CARBON EMISSION
QUOTAS BECAUSE OF ITS LOW
EMISSION LEVELS



TOWARDS A MORE CIRCULAR ECONOMY

All sites sort waste at source and reuse it whenever possible. A pioneer in recycling, Nexans owns 36% of ReCycables together with Suez Environnement. Certified ISO 9001, ISO 14001 and OHSAS 18001, ReCycables recycles the conductors and insulators from 22,000 metric tons of cables each year.

95%

OF PRODUCTION WASTE
RECOVERED

11,300t

OF COPPER RECYCLED
TO CONTINUOUS CASTING
IN MONTRÉAL

PURCHASING AND DISTRIBUTION

We engage our suppliers in our sustainable development approach. We are improving our logistics and developing services to meet our customers' expectations while at the same time reducing our environmental footprint.

PROGRESS TOGETHER

We are developing relations with our suppliers based on trust, mutual interest and high quality standards.

- ✓ Suppliers are invited to adhere to our Supply Social Responsibility Charter which makes explicit reference to the principles of the Global Compact and the fundamental texts of the International Labor Organization.
- ✓ The main raw materials purchased are copper, aluminum and plastics (polyethylene, PVC, etc.). We have mapped the CSR risks of our major suppliers.
- ✓ We have published a policy concerning conflict minerals¹ and we check with our suppliers to ensure they are not included in the supply chain.



¹ - Tin, tantalum, tungsten and gold from the Democratic Republic of the Congo (DRC), Central African Republic, South Sudan, Zambia, Angola, Republic of the Congo, Tanzania, Burundi, Rwanda and Uganda.



DEVELOPING CONSTRUCTIVE RELATIONS

Technology watch and openness to suppliers' innovation help differentiate our products and services, and improve their quality and competitiveness.

- ✓ We are forming closer partnerships with our key suppliers in order to secure supply and we engage in development projects with some of them.

- ✓ We qualify new suppliers to diversify our sources of supply, improve our costs and strengthen our regional presence.
- ✓ We develop Group contracts that provide greater visibility for both parties, and help improve business conditions and cooperative relations.

476,000
METRIC TONS OF COPPER

133,000
METRIC TONS OF ALUMINUM
PURCHASED IN 2014

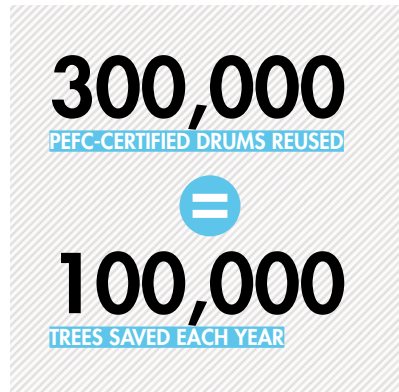
82%
OF SUPPLIERS ACCOUNTING FOR

80%
OF PURCHASES
ARE SIGNATORIES TO OUR
SUPPLIERS' CSR CHARTER

MINIMIZE OUR FOOTPRINT

- ✓ We are developing purchases of products that are more respectful of the environment, especially in the area of industrial motors, vehicles, transportation and packaging such as cartons and palettes, recycled cartons, drums made from wood sourced from sustainably managed and PEFC or FSC-certified forests.
- ✓ For logistics, our preference is for water transport whenever possible, filling trucks and dispatching deliveries at the last moment, grouped deliveries, and inventory management shared with customers and suppliers. These solutions reduce the number of movements, fuel consumption and the emission of CO₂ and other pollutants.

Our Green Drum program for the recovery and reuse of drums, conserves trees that store carbon while also avoiding used drum storage and disposal costs for our customers. ■



READY-TO-INSTALL CABLES: A GREEN AND VALUE-ADDED SOLUTION

The supply of cables precut to specific lengths, fitted on request with their connection accessories and delivered just-in-time avoids losses due to installation cutting waste, facilitates assembly and relieves the customer of having to manage inventory. ■



SKILLS AND COMMITMENT

We aim for the highest workplace safety standards. We provide our employees with the means to develop their skills. We encourage their commitment and recognize their contribution.

THINK SAFETY, ACT SAFELY AND BE SAFE

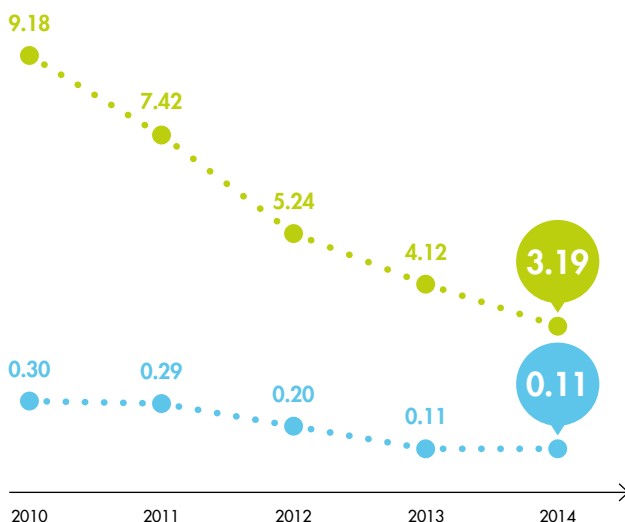
The prime monthly performance indicator for our plants, workplace safety, has been the target of a concerted program since 2009. It relies on the close involvement of management, standard tools, training, progress plans for each site, and sharing the problems encountered and the solutions implemented. This commitment is paying off: the accident frequency rate has been divided by 2.3 in three years.

EFFECTIVE TOOLS

- ✓ **Safety training:** more than 100,000 hours in 2014.
- ✓ **Job Safety Analysis:** safety analysis of workstations and environments with active input from production personnel.
- ✓ **Safe Unsafe Act:** the field observation tool used to report everyday safety problems (high-risk situations and/or acts).
- ✓ **Safety Proactivity:** tool used to regularly monitor the resolution of identified problems by production personnel.
- ✓ **Alert Management System:** an international forum to share analyses of workplace accidents (and critical quality problems) and avoid their recurrence.

ENCOURAGING RESULTS

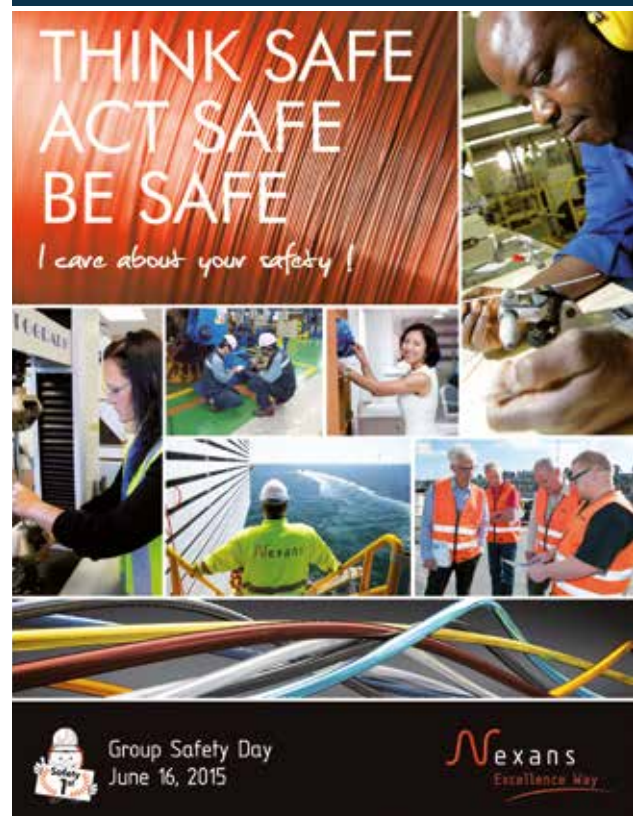
■ Accident frequency¹ ■ Accident severity²



¹ - Number of accidents with time-off per million hours worked. ² - Number of days off per thousand hours worked.

2ND WORLD SAFETY DAY

On June 16, 2015, more than 25,000 employees were involved in World Safety Day at 160 Group sites. Best practices were shared locally and on a virtual forum. Each site set itself a specific safety target with an appropriate roadmap for 2015. ■



DEVELOP AND SHARE SKILLS

Managerial and professional skills models guide our recruitment and employee training.

- ✓ Throughout their career, our employees have access to the training needed to perform their tasks and maintain their employability.

Discussions between each employee and his or her manager are used as the basis to compile personalized development and training plans.

- ✓ Apprenticeships, work-study programs, sponsorship and tutoring are widely practiced.

- ✓ Nexans University, integrated within the Group and accessible to all employees, encourages the sharing of values, discussion, skills enhancement and the ability to work together.

Project and change management are at the heart of new training courses.

TRAINING IN 2014

12,646

BENEFICIARIES

27.5

HOURS PER EMPLOYEE

347,763

HOURS

DIVERSITY, EQUALITY AND MOBILITY

We are developing our employee diversity and making sure that recruitment and promotion are based on skill, aptitude and results.



TARGET

80%

POSITIONS FILLED BY INTERNAL PROMOTION

- ✓ All job offers are published on the shared intranet and priority is given to internal applicants.
- ✓ Talent management and succession plans involve a single process applied in all countries for each key managerial position.
- ✓ A mobility charter ensures all expatriates receive equal treatment.

ENCOURAGE COMMITMENT

- ✓ We implement an equitable and attractive remuneration policy and contribute to the welfare of all employees at a level of commitment that reflects the Group's social responsibility.
- ✓ We use all means possible to encourage our employees to commit to performance, demonstrate their commitment and creativity, and engage them directly in achieving set targets: individual and collective recognition, internal challenges, short, medium and long-term profit sharing, and employee share ownership. ■

2014 INTERNAL OPINION SURVEY

3,759

MANAGERS SURVEYED

51

COUNTRIES

74%

RESPONSE RATE

ACT 14 EMPLOYEE SHARE OWNERSHIP

6th

PLAN IN 12 YEARS

17,000

EMPLOYEES

23

COUNTRIES

AND SPONSORSHIP

to contribute to meaningful local solidarity projects.

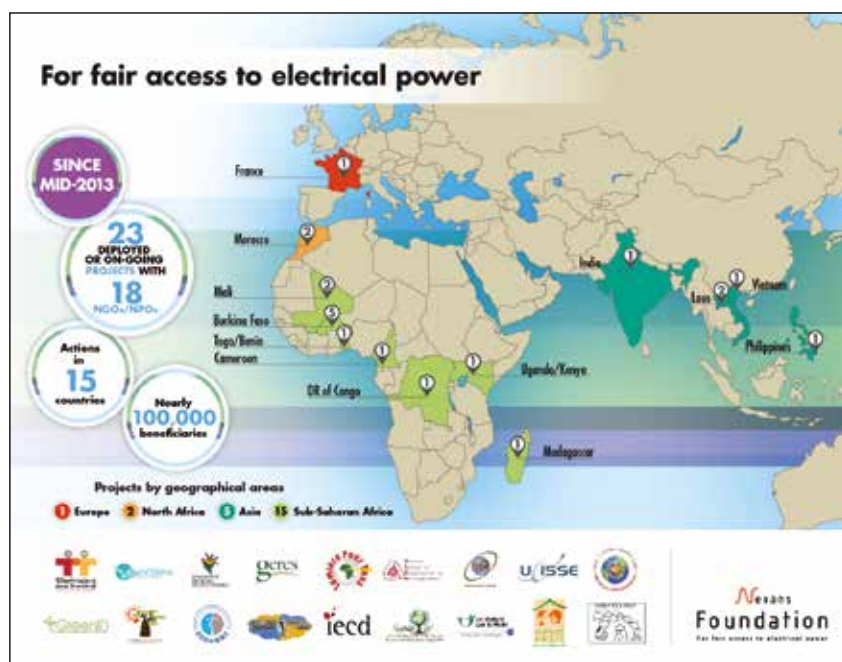
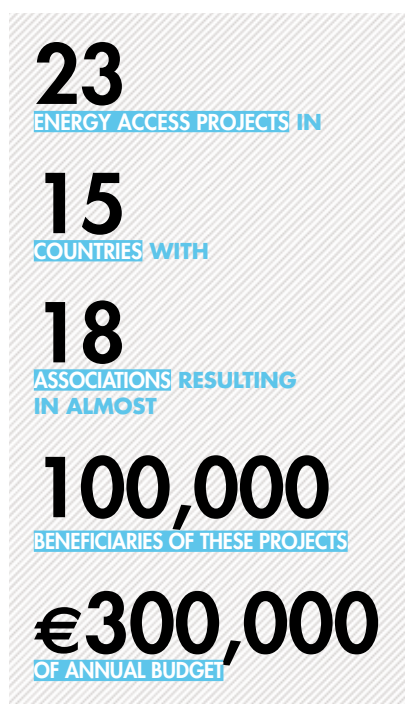
CONTRIBUTING TO YOUTH EDUCATION

experiencing hardship and even financing study and research scholarships.

THE NEXANS FOUNDATION
for fair access to electrical power

an emphasis on sustainable solutions and associations working in the field.

80% live in rural areas) do not have access to electricity, mainly in sub-Saharan Africa and Asian countries.



Our commitment is a response to the fight against energy and fuel poverty launched in 2012 by the United Nations, which pointed out that *"the lack of access to clean, affordable and reliable energy hinders human, social and economic development, and is a major obstacle to achieving the Millennium Development Goals."* The availability of electricity largely conditions access to drinking water, health care, education and even economic autonomy through the development of a business activity.

In 2013 and 2014, the Foundation launched two calls for project proposals and supported 23 projects run by both major associations and small secondary- and tertiary-student structures. The main goals involved electrification for villages, schools and training centers, and enabling access to drinking water. There was a general emphasis on renewable energies, such as hydro, solar and wind power.

NEXANS FOUNDATION We are volunteers*: employees united in solidarity



During their leave, Group employees can apply their skills to aid associations sponsored by the Nexans Foundation.

« We are volunteers », the website for this program, centralizes the proposed missions and enables European employees in the first instance to apply online.

www.volunteers-fondationnexans.com



CHATEAU DE VERSAILLES

SPONSORSHIP OF VERSAILLES PALACE AND THE LOUVRE-LENS MUSEUM

- The *Grand Versailles* restoration project has enabled Versailles Palace and Park to regain its former glory. Nexans has sponsored renovation of the electricity networks through the contribution of the expertise and the donation of the necessary cables. Commenced in 2007, work is scheduled for completion in 2017. This sponsorship is contributing to the protection of an exceptional historic and artistic heritage and to ensuring the safety of the millions of people who visit Versailles each year.

In 2014, the Nexans Foundation, in partnership with *École Boulle*, also supported the "18th century, Birth of Design" exhibition of furniture masterpieces from 1652 1790 and their stylistic development.

A major founding supporter the Louvre-Lens Museum, Nexans donated all the energy and data cables used in the construction of this museum that opened at the end of 2012, in the heart of the former mining basin in France's Nord-Pas-de-Calais region. In this way, Nexans is contributing to the long-term economic and employment vitality in a region that hosts the Group's global research center for metallurgy as well as its production of electrical wire. In 2014, the Louvre-Lens Museum attracted 520,000 visitors.

The Louvre-Lens Museum is a highly innovative institution that uses state-of-the-art technology to present and conserve its artworks, and ensure their safety and that of the visiting public. Advanced solutions from Nexans have helped the museum gain France's HEQ (High Environmental Quality) certification.

ELECTRICITY, EDUCATION AND SYNERGY



MADAGASCAR

The Chablais Vocational High School in Thonon-les-Bains (France) recruited ten students from its electricity, metal and carpentry sections to extend and electrify the Nur School in Majunga, that has an enrolment of almost 500 very poor, orphaned or disabled children. The work was carried out under the responsibility of their teachers with the assistance of young Malagasies. This project was run under a partnership with the ADDAM¹ Association.



INDIA

Twelve photovoltaic panels provide power to the Sarasvati education center in Benares for 80 children from the slums. They were installed by future energy engineers from the Montpellier Polytechnic (France), as part of a project run by the Humanisol Association. The school staff helped with the installation and received training in its maintenance. The children attended ecology awareness sessions.



MOROCCO

In Mkanssa, near Casablanca, a new apprentice training center has opened its doors to around 50 underprivileged and unqualified youth. Their one year's training in the center leads to a diploma in electricity trades. Instigated by EICD in partnership with the Moroccan Heure Joyeuse Association, this project also involved our Nexans Morocco subsidiary, which provided the technical equipment for the center and its students, training sessions and vocational integration for the apprentices. ■

¹ - ADDAM: Aid for sustainable development in Madagascar.
² - EICD: European Institute for Cooperation and Development.

VERSAILLES PALACE

7.5

MILLION VISITORS

THE LOUVRE-LENS MUSEUM

+40

MILLION EUROS INJECTED INTO THE REGIONAL ECONOMY

GOVERNANCE

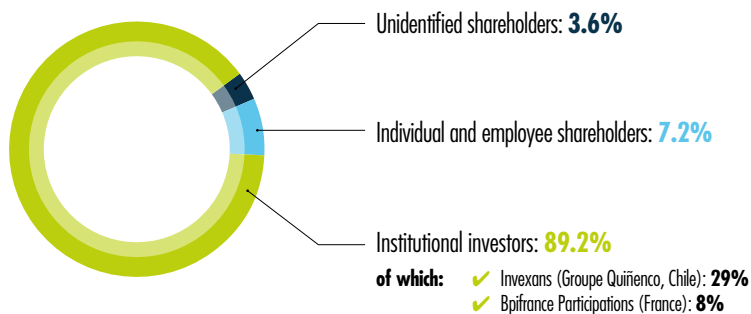
The Board of Directors has separated the positions of Chairman of the Board of Directors and Chief Executive Officer. This organization is part of the progress approach. The management team is committed to developing a durable relationship with its shareholders and financial partners.

THE NEW GOVERNANCE

The Chief Executive Officer holds all of the Group's operational and functional powers and responsibilities.

The Chairman acts a liaison between the Board of Directors and the Management Board, chairs the Board of Directors' Strategy Committee and, in conjunction with the Management Board, represents Nexans' interests in its high-level relations. A leaner management team of six people has also been put in place. This new governance has been effective since October 1, 2014.

BREAKDOWN OF NEXANS SHARE CAPITAL (AT JUNE 30, 2015)



NEXANS BOARD OF DIRECTORS

- ✓ 12 directors
- ✓ Term of 4 years, renewable
- ✓ 4 women (33.3%)
- ✓ 6 independent directors
- ✓ 3 directors proposed by Invexans
- ✓ 1 director proposed by Bpifrance
- ✓ 1 director representing the employee shareholders

13

MEETINGS IN 2014

ATTENDANCE RATE

90.5%



FROM LEFT TO RIGHT:

Jérôme Gallot, Lena Wujek, Georges Chodron de Courcel, Hubert Porte, Véronique Guillot-Pelpel, Frédéric Vincent, Colette Lewiner, Cyrille Duval, Philippe Joubert, Fanny Letier, Andrónico Luksic Craig, Francisco Pérez Mackenna.

MANAGEMENT BOARD



FROM LEFT TO RIGHT:

Christopher Guérin, Pascal Portevin, Anne-Marie Cambourieu, Nicolas Badré, Arnaud Poupart-Lafarge, Dirk Steinbrink.

ANNUAL REVIEW

The Board of Directors' bylaws incorporates the AFEP-MEDEF code of corporate governance. A Directors' Charter sets out the applicable rules of professional conduct.

Each year, the Board reviews its operation: the conclusions from this review results in recommendations, which are implemented.

QUALITY INFORMATION

Nexans is traded on the NYSE Euronext Paris exchange and is committed to establishing a quality dialogue with its shareholders. The Group regularly consults its shareholders to gain a better understanding of their information expectations. ■

THREE PREPARATORY COMMITTEES

- ✓ The Accounts and Audit Committee
- ✓ The Appointments, Compensation and Corporate Governance Committee
- ✓ The Strategy Committee

The Chairs of these committees may request a meeting of the Board of Directors to discuss an agenda they have drawn up.

1 MEETING PER YEAR
DEDICATED TO CSR

RISK MANAGEMENT

Risk management is part of a continuous improvement approach. The ongoing identification and treatment of risks is reinforced by mapping major risks for the Group and its units. The Risk Management Department designs the processes to be implemented in each country and operational unit and assist and monitors its implementation by management. It steers the alert procedures and crisis management, both of which are the subject of regular simulation exercises.

NEXANS 2014 "SHAREHOLDER RELATIONS AWARD"

Les Echos, Investir, Le Journal des Finances and Mazars honor listed companies for "their capacity to develop and maintain durable and sustained relations with their shareholders". Nexans was presented with the 2014 Grand Prize in the medium listed company category.

The judges singled out our Shareholder E-Club, our e-mail Group news alert system, our comprehensive website and the detailed content of our registration document. ■



DATA



SOCIAL

INDICATORS

NEXANS GROUP	2014	2013	2012
TOTAL HEADCOUNT	26,144	25,843	25,080
Europe	15,214	14,679	14,752
Asia-Pacific	2,434	2,755	2,022
North America	3,153	3,138	3,100
South America	1,882	2,136	2,262
Middle East, Russia, Africa	3,461	3,135	2,944

CABLES BUSINESS			
HEADCOUNT, CABLES BUSINESS	17,543	18,673	18,306
% female employees	16.02%	15.42%	15.10%
% female managers (out of manager population)	21.00%	20.00%	21.00%
Average age (years)	43.1 years	42.6 years	42.7 years
Average length of service (years)	12.7 years	12.7 years	12.8 years
% temporary employees	5.82%	5.84%	6.90%
Disabled employees ¹	319	322	334

EMPLOYMENT DATA			
Natural departures ⁶	-1,631	-1,869	-1,707
Restructurings	-590	-408	-299
New hires	1,573	1,706	1,846
Impact of changes in Group structure	6	1,013	485
Transfers	-102	-59	-4
Employee turnover rate ²	7.90%	8.80%	8.40%
Overtime rate ³	6.30%	6.40%	5.70%
Part-time contracts	480	460	452
% fixed-term contracts	8.00%	8.00%	5.70%
Absenteeism rate	4.20%	4.10%	4.67%

HEALTH AND SAFETY			
Workplace accident frequency rate ⁴	3.45	4.52	6.4
Number of sites with a zero accident rate	35	29	28
Workplace accident severity rate ⁵	0.14	0.15	0.263

TRAINING			
Total number of training hours	322,177	333,214	293,292

¹ - This figure does not take into account countries where this information is not disclosed due to local regulations.

² - Personnel turnover rate = number of departures (resignations, contract expirations, individual terminations, death) excluding departures due to retirement, restructurings, business disposals and employee mobility transfers/average headcount x 100.

³ - Overtime rate = number of overtime hours worked/total number of hours worked.

⁴ - Workplace accident frequency rate = total number of workplace accidents with more than 24 hours of lost time/total number of hours worked x 1,000,000.

⁵ - Workplace accident severity rate = total number of lost work days (due to accidents at work)/total number of hours worked x 1,000.

⁶ - The 2013 figure for natural departures was 1,921 rather than 1,869.

NEXANS GROUP	2014	2013	2012
HARNESS BUSINESS			
HEADCOUNT, HARNESS BUSINESS	8,601	7,170	6,774
Europe	5,348	4,769	4,681
North America	1,482	1,341	1,252
Middle East, Russia, Africa	1,771	1,060	841
% female employees	61.00%	61.00%	62.00%
% female managers (out of manager population)	13.30%	38.50%	25.40%
Average age (years)	34 years	34.5 years	34.6 years
Average length of service (years)	4.4 years	4.6 years	3.6 years
EMPLOYMENT DATA			
Natural departures	-2,488	-2,320	-2,331
Restructurings	-47	0	0
New hires	3,966	2,716	2,570
Impact of changes in Group structure	0	0	0
Transfers	0	0	0
HEALTH AND SAFETY			
Workplace accident frequency rate ⁴	2.5	3.0	1.78
Workplace accident severity rate ⁵	0	0	0
TRAINING			
Total number of training hours	25,586	30,795	31,522

⁴ - Workplace accident frequency rate = total number of workplace accidents with more than 24 hours of lost time/total number of hours worked x 1,000,000.

⁵ - Workplace accident severity rate = total number of lost work days (due to accidents at work)/total number of hours worked x 1,000.

ENVIRONMENTAL

INDICATORS

NEXANS GROUP	2014	2013	2012
Number of sites monitored	92	93	94
CONSUMPTION OF RAW MATERIALS			
Energy purchased (MWh)	1,285,619	1,459,725	1,454,155
✓ electricity (MWh)	772,200	826,949	830,138
✓ fuel oil (MWh) ⁴	97,746	94,783	93,406
✓ gas (MWh)	400,181	516,720	513,249
✓ steam (MWh)	15,492	21,273	17,363
Water consumption (m ³) ^{2,5}	2,729,212	2,942,549	2,984,044
Solvent purchased (tonnes) ³	514	497	579
Copper consumption (tonnes)	476,000	477,000	492,000
Aluminum consumption (tonnes)	133,000	139,000	148,000
WASTE AND EMISSIONS			
Waste tonnage (tonnes)	98,712	96,821	104,458
✓ of which hazardous waste (tonnes)	6,840	6,652	5,776
CO ₂ emissions ¹ (tonnes CO ₂ eq.)	559,553	409,910	442,000
MANAGEMENT			
Number of ISO 14001 certified sites	63	63	62
% of sites with ISO 14001 certification	68%	67%	66%

¹ - CO₂ emissions include direct and certain indirect emissions (from electricity and steam consumption, power line losses, use of fossil fuels and waste treatment, as well as fugitive emissions). Reporting scope covering 85 sites, not including the sites at Vigne aux Bois, Breitenbach, Cossonnay, Tottenham, Ikeja Lagos, Lyon and Trezzano. In order to meet the regulatory requirements imposed by Grenelle II, the Group's administrative services, logistics centers, commercial offices and high-voltage cables laboratory are included within the GHG scope (sites).

² - Change in reporting methods for 2012: sites using cooling water, of which at least 75% of the machines are equipped with water recycling facilities.

³ - Two significant errors in the 2013 figures.

⁴ - New boiler in Shanghai and increase in production in Qatar (generator-produced electricity only).

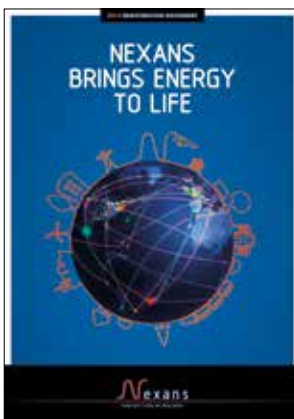
⁵ - Closing and restructuring of certain of our activities and maintenance and repair program of our water networks.

NEXANS IS A MEMBER OF THE FOLLOWING ASSOCIATIONS AND ORGANIZATIONS:

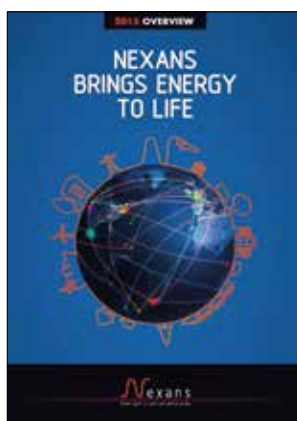
- ✓ **C3D** is an association of leading figures in sustainable development that plays a key role in shaping value-creation initiatives and transformation strategies.
- ✓ **Europacable**, the European association of wire and cable manufacturers, listed in the European Commission's transparency register.
- ✓ **FIEEC**, the French federation of electrical, electronic and communications industries comprises 24 trade associations from sectors spanning energy, robotics, electricity, electronics, digital technology and consumer goods.
- ✓ **GIMELEC**, is a group of French manufacturers of electrical equipment, control systems and related services representing 200 companies providing electrical and automation solutions for a range of sectors including power, construction, industry, data centers and infrastructure markets.
- ✓ **ORSE**, Corporate Social Responsibility Observatory, a European network of companies committed to developing and exchanging tools and knowledge about corporate social responsibility.
- ✓ **P.E.P.**, association expanding the PEP Eco-Declaration Program ecopassport® for electrical, electronic and HVAC equipment internationally.

FOR MORE INFORMATION

You can consult Nexans' institutional and financial publications on the **www.nexans.com** website or obtain a copy by contacting us directly at:



Registration document 2014



Nexans 2015 Overview

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Nexans brings energy to life

Because our world will always require more energy to function, develop and achieve higher living standards, for over a century now Nexans has played a key role in providing the energy that people need.

Our cables are an indispensable part of today's connected towns and cities, providing access to energy, creating communication channels, facilitating the movement of goods and people, and ensuring the comfort and safety of the infrastructure and buildings that are essential for development and improving the quality of life.

Our teams help meet these vital needs for 21st century society by providing high-performing, cost-efficient and long-lasting solutions for the most complex of uses and the most demanding of environments.

Through our combination of technological leadership, global expertise and local presence, we can effectively partner our customers' development projects, offering them the best conditions for achieving their objectives while respecting the highest levels of safety and taking the greatest possible care of people and the environment.

Nexans is listed on NYSE Euronext Paris.

www.nexans.com