Responsibility
for sustainable success.
United Nations Global Compact
Communication on Progress 2015
At a Glance

0.7

Number of workplace accidents with days lost per 200,000 hours worked

More than 7,000 industrial property rights

Contents

03 Foreword
05 Sustainable corporate governance.
06 CR strategy and fields of action
07 CR organization
07 Materiality analysis
09 CR stakeholders
09 Compliance management and integrity
11 Involving suppliers.
11 Purchasing management
11 Integrating sustainability
12 Efficient logistics
15 Safe and resource-saving products.
15 Focus on innovation
15 Safety-critical products and systems
16 Environmental protection
16 Sustainability in the product life cycle
17 Remanufacturing
21 Precautionary approach to environmental and climate protection.
21 Environmental management
21 Climate protection targets 2020
22 Energy efficiency
23 Resource efficiency
27 Attractive working environment for employees.
28 Leadership and personnel development
28 International exchange
29 Diversity and equal opportunity
30 Health and safety at work
33 Involvement in local and global community projects.
33 Local Care: Involvement at local sites
34 Global Care: Helping people worldwide
35 Supporting culture and sports
36 Implementation of the ten Global Compact principles.
Imprint

Company profile

Knorr-Bremse is the world’s leading manufacturer of braking systems for rail and commercial vehicles. As a technology leader, the company has been driving the development, production, sale, and servicing of state-of-the-art braking systems for more than 110 years. With its products Knorr-Bremse makes a crucial contribution to improving safety by road and rail all over the globe. Every day, more than a billion people around the world put their trust in systems made by Knorr-Bremse.

Up to 75% fewer CO₂ emissions from remanufactured products (compared with new production)

Imprint
As a family-owned business, taking a responsible, forward-looking approach to our activities has always been an integral part of our business model. It enables us to meet our corporate responsibilities in the interests of our customers, employees, suppliers, the environment, and society as a whole. All over the world we are helping to protect the climate, designing resource-efficient approaches to mobility, and developing solutions for safe road and rail transportation. Our activities in these areas are based on the principles of the UN Global Compact, to which we have been signatories since 2010.

Sustainability calls for a joint effort. For our customers we are reliable partners for the development of energy-efficient, environmentally compatible solutions. The energy efficiency of our products, in particular, offers huge potential for helping our customers to reduce CO₂ emissions, and enables us to make an effective joint contribution to climate protection. At the same time we are raising awareness of more efficient and environmentally compatible processes amongst our partners and suppliers. Constructive dialog is the key to trusting collaboration.

It is our employees who breathe life into our sustainability strategy on a daily basis – which makes it all the more important for us to be a fair-minded and attractive employer. External experts confirm this: For the third year running we have been named as a top employer for engineers.

In 2015 we not only marked the 110th anniversary of our Company – Knorr-Bremse Global Care also celebrated its first ten years. The fact that this charitable organization exists, and the work it is doing, are proof that Knorr-Bremse’s corporate responsibility is also expressed in the form of practical aid projects. Since it was first set up, the organization has spent some EUR 14 million on 190 projects that have helped more than 625,000 people in need. With the involvement of our colleagues we have also been supporting the work of social and charitable institutions in the neighborhood of our sites around the world as part of the Local Care initiative.

Our commercial success provides the financial basis for our active commitment to sustainability. To ensure that Knorr-Bremse maintains its market and technological lead, we are constantly investing in expansion of our development and production facilities. Our new test and development center in Munich, which officially opens in 2016, creates globally unique conditions for the development and testing of new types of braking systems for the rail and truck sectors. The new building enables 350 engineers and technicians from both Company divisions to collaborate on an interdisciplinary basis in developing new products and systems that will bring lasting benefits to our customers – ensuring a safe and sustainable future.

Ladies
and gentlemen,

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Klaus Deller
Chairman of the Executive Board of
Knorr-Bremse AG
Our approach to corporate responsibility (CR) is based on the idea of sustainable development and covers products and production processes, employees, environmental and climate protection, and social commitment. Knorr-Bremse has integrated the principle of corporate responsibility into its Group strategy and developed an appropriate structure for its implementation.

For us, sustainability is a strategic issue that has to be established in all our operational processes. That is why we are determined to integrate environmental and social aspects into both our long-term business strategy and our day-to-day activities. By doing so we can make an important contribution towards ensuring the future of our Company – and at the same time help to develop an economy and society based on the principle of sustainability.

External documents of significance for Knorr-Bremse include the UN Global Compact, which we signed up to in 2010, the Guiding Principles on Business and Human Rights of the UN Human Rights Council, and the Charter on Sustainable Development of the International Association of Public Transport (UITP).

Three important elements specify how Knorr-Bremse views its responsibilities:

- **Corporate values:** Entrepreneurship, Technological Excellence, Reliability, Passion, and Responsibility are the Company’s five basic values. More than 100 employees from over 20 different countries participated in the process of redefining and shaping them under the motto of Growing with Values. This was followed by global rollout, with Knorr-Bremse employees all over the world being familiarized with the newly reformulated values.

- **Code of Conduct:** Based on our corporate values and the principles of the UN Global Compact, this formulates the basic principles for approaching our day-to-day activities.

- **Corporate Responsibility Guidelines:** Our CR guidelines sum up the overarching goals of corporate responsibility and provide guidance for the six fields of action in which the Group operates (see page 6). We also have separate Group-level quality standards for purchasing, principles for our Health, Safety and Environmental (HSE) Policy, human resources management guidelines, and a guideline for social commitment. All these documents can be downloaded from our website at www.knorr-bremse.com.

"We are committed to sustainable corporate governance that includes environmental and social aspects in strategic planning, management, and corporate processes."

Excerpt from the Knorr-Bremse Corporate Responsibility guidelines
CR strategy and fields of action

With a view to meeting its responsibilities vis-à-vis the environment, its employees, and society in general, Knorr-Bremse sets priorities on the basis of a materiality analysis that identifies issues of particular relevance to the Company (see pages 7 – 8). In 2014 the Group Executive Board, together with selected top managers, used the results of the analysis as the basis for revising Knorr-Bremse’s CR strategy. The overarching objective is this: By the year 2020 we aim to establish a reputation as an outstandingly sustainable company – both internally and externally. To achieve this we will ensure that our economic growth takes into account environmental resources and our responsibility for current and future generations.

The main goals, measures, and key indicators on the way to achieving this are summarized in the CR Roadmap, which is revised annually. Knorr-Bremse has set itself the following goals:

• to establish sustainability and corporate values, as well as health and safety awareness, even more strongly as part of its corporate culture.

Operational implementation of our CR strategy takes place in six fields of action: Strategy and Management, Products and Partners, Employees and Governance, Environment and Climate, Commitment and Society, Communication and Cooperation.

CR organization

At Knorr-Bremse the Corporate Responsibility department coordinates sustainability issues, and reports directly to the Executive Board. Goals and measures are discussed and approved by the Group’s Corporate Responsibility Council (CR Council), which includes a member of the Executive Board, two management representatives from the two corporate divisions, the chair of the charitable organization Knorr-Bremse Global Care, and the head of Corporate Responsibility. The Council meets twice a year.

In 2011, in order to stimulate an exchange of ideas at global level, we created the Corporate Responsibility Round Table. The purpose of this network is for CR representatives to regularly discuss at supra-regional and supraregional level the projects with which we implement the Group objectives determined by the CR Council.

In order to give recognition to successful internal projects and publicize best practice examples within the Group, Corporate Responsibility Awards were presented between 2011 in two categories: Products/ Environment and Social Commitment. In 2014 these were replaced by Knorr-Bremse Value Awards, which are presented at the Knorr-Bremse World Meeting and honor the commitment and success of colleagues and project teams in breathing life into our five corporate values – including the value Responsibility.

CR fields of action

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<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Strategy &amp; Management</td>
<td>CR organization set up</td>
<td>Incorporate CR into strategic planning and operational processes</td>
</tr>
<tr>
<td>Products &amp; Partners</td>
<td>First life cycle analysis carried out</td>
<td>Product portfolio evaluated for sustainability</td>
</tr>
<tr>
<td>Employee &amp; Leadership</td>
<td>Dialog initiated</td>
<td>Corporate and leadership culture strengthened</td>
</tr>
<tr>
<td>Environment &amp; Climate</td>
<td>ECCO2 energy efficiency initiative launched</td>
<td>ECCO2 target achieved and new targets set</td>
</tr>
<tr>
<td>Commitment &amp; Society</td>
<td>Knorr-Bremse Global Care e.V.: implementation of worldwide aid projects</td>
<td></td>
</tr>
<tr>
<td>Communication &amp; Cooperation</td>
<td>Local Care projects initiated</td>
<td>Worldwide Local Care projects systematized</td>
</tr>
<tr>
<td></td>
<td>Group-wide communication on sustainability</td>
<td>External sustainability communications expanded</td>
</tr>
</tbody>
</table>

Recognition as supplier

Our customers are increasingly scrutinizing our sustainability management record – with gratifying results: In July 2015, CNH Industrial Group recognized Knorr-Bremse’s corporate responsibility performance by nominating the Company Industrial Sustainability Supplier of the Year 2015. The award panel was particularly impressed by two things: the degree of social involvement throughout the workforce and the ECCO2 climate protection initiative.

Materiality analysis

In 2014 an internal materiality analysis was carried out with a view to structuring and prioritizing the many issues and challenges related to sustainability. The review pinpointed the issues of importance for the long-term success of Knorr-Bremse and the Company’s stakeholders in view of current environmental and social challenges.
This prioritization helps us to make efficient use of the resources at our disposal. To this end, the results of the materiality analysis also feed into the validation and further development of our sustainability strategy. And they provide the basis for determining the contents of our first CR report.

The first step involved identifying the most important areas on the basis of an evaluation of internal documents, as well as the Knorr-Bremse sustainability strategy, international studies, reports by industry experts, and the requirements of the Global Reporting Initiative (GRI) for Corporate Responsibility Reports.

The process of prioritizing issues from the point of view of stakeholders was based on quantitative and qualitative evaluations of reports in the national and international media. The results were supplemented with investigations of the main upcoming trends and challenges facing the market and sector in which Knorr-Bremse operates.

Evaluation of the business relevance of these issues took the form of a survey carried out amongst representatives of the main corporate functions and the two divisions. They were asked to assess whether and how a particular aspect could ‘contribute towards financial success’ and ‘retention of a license to operate’. A workshop was held to discuss the results prior to the CR Council, as the highest decision-making body, examining the assessments. This process resulted in a matrix of the most important sustainability issues for Knorr-Bremse being drawn up.

CR stakeholders
Knorr-Bremse conducts an ongoing dialogue with its internal and external stakeholders. Groups of particular importance for the Company are employees, new recruits, customers and suppliers, the Company’s owners, business partners, public authorities, trade unions, industry associations, the media, policymakers, NGOs, residents in the vicinity of our sites, and local action groups. The views of our stakeholders are taken into account in our materiality analysis and CR strategy.

Compliance management and integrity
Integrity and responsible conduct in our dealings with business partners and employees are the principles underpinning our corporate activities. Knorr-Bremse complies with laws, internal regulations, and voluntary undertakings as a matter of course.

The Knorr-Bremse Code of Conduct defines the basic principles for approaching our day-to-day activities — on the basis of our corporate values and the principles of the UN Global Compact. This enables us to ensure a consistent understanding of responsible entrepreneurial conduct across national borders. Amongst other things, the Code of Conduct includes a ban on corruption, including bribery and blackmail, and also covers aspects of human rights such as freedom of expression, freedom from discrimination, and a ban on child labor and forced labor. These principles and rules are binding for all Group employees.

Two key requirements for preventing corruption from the outset are transparent communications and staff training. Every employee needs to be clear about what we mean by responsible conduct and should be familiar with the rules the Company has set itself. To achieve this, we provide staff training on the Code of Conduct at regional Company events, training sessions, and information events. New employees are given a copy of the Code of Conduct when they first join the Company. We are currently also developing a systematic, Group-wide monitoring and reporting system for compliance infringements.

The internal Group Audit Department supports the Executive Board in its monitoring function by carrying out independent and objective testing aimed at improving business processes and identifying possible cases of corruption. Regular audits also review awareness of the Code of Conduct and its active communication by managers.

With effect from January 1, 2016 a Chief Compliance Officer has been appointed with responsibility for compliance management. He reports to the General Counsel and the Compliance Committee, which is chaired by the Chief Financial Officer. The Compliance Committee regularly meets to discuss the most important compliance issues such as achievement of targets, and sets the agenda for compliance management.

Knorr-Bremse’s membership in organizations
We use our membership in regional and supra-regional organizations to maintain an exchange of information and opinions with other companies on environmental and social issues. These include:

- Automotive Industry Action Group (AIAG)
- Energieeffizienznetzwerk Oberbayern
- IHK Umweltausschuss
- Motor & Equipment Manufacturers Association (MEMA)
- VDA Umwelt- und Energieausschuss
- UNIFE Sustainable Transport Committee
- VDI Fachgruppe Umwelt
- VDA Unternehmensnachhaltigkeit in der Lieferkette

By the year

**2020**

We aim to establish a reputation as an outstandingly sustainable company - both internally and externally.
Integrity and fairness are the basis for working with Knorr-Bremse.

Supply chain

We are constantly working on improving our Group-wide supplier management. For example, in recent years the program has considerably improved the quality of the products that the Rail Vehicle Systems division receives from its suppliers. We assess our suppliers according to their competitiveness and performance, which includes factors like flexibility, delivery reliability, product quality, and sustainability.

In recent years both divisions have worked to optimize processes across the entire supply chain, and to further improve flexibility in response to the challenges posed by the growing importance of the BRIC countries (Brazil, Russia, India, and China), since supply chains in these economies are longer in terms of both physical distances and lead times.

Integrating sustainability

The conduct of our suppliers affects our success and our reputation as a responsible company. Therefore we have made sustainability criteria an integral part of our purchasing policy. For example the cross-divisional purchasing guidelines for indirect material require sustainability criteria to be considered when selecting suppliers. In addition there are guidelines on the purchase of renewable energy and of energy-efficient products and equipment.

Involving suppliers.

“We expect our business partners to act in accordance with the principles of this Code of Conduct and to observe all statutory requirements – in particular avoidance of corruption, respect for human rights, observance of the laws against child labor, responsibility for the health and safety of their workforce, and adherence to the relevant legislation and standards on environmental protection.”

Excerpt from the Knorr-Bremse Code of Conduct

In its choice of suppliers Knorr-Bremse not only takes into account commercial criteria such as quality, price, and availability but also aspects like trusting cooperation, safety, and environmental protection. In addition our Group-wide Group Code of Conduct includes a stipulation that suppliers should take a responsible approach to their employees, the environment, and society at large.

Purchasing management

Our purchasing management system establishes a product group strategy that is harmonized across all Group sites, develops a supplier base, and utilizes the synergies within our global network of sites. Knorr-Bremse distinguishes between two types of materials:

- **Direct material** – materials, articles, and components that are sold to customers either directly as part of our systems, or following further processing in-house. Examples include castings and forgings, electronic and electromechanical components, and machined parts (e.g. crankshafts and gearwheels).
- **Indirect material** – the goods and services required to operate a site; these include construction services, vehicles, hardware and software, process materials, and machine tools.
Suppliers of direct material must comply with the relevant quality management guidelines for the Rail Vehicle Systems and Commercial Vehicle Systems divisions, which cover aspects of responsible conduct. Both divisions expect the ten principles of the UN Global Compact to be adhered to and (if possible certified) ISO 14001 compliant environmental management systems to be in place. If suppliers do not meet these requirements, we reserve the right to terminate the business relationship with them.

Even the largest logistics providers to the Rail Vehicle Systems division must show that they conform to the principles of the UN Global Compact. In transportation and warehouse logistics, the companies that have done so account for 80% of the total volume of goods shipped by the division.

At the start of 2015 the division launched the ‘Railsponsible’ initiative together with Alstom Transport, Bombardier Transportation, Deutsche Bahn, Nederlandse Spoorwegen, and SNCF. The initiative is guided by the principles of the UN Global Compact and aims to encourage rail-road industry customers and suppliers around the world to subscribe to ethically and socially responsible environmental and business practices.

It does this primarily by promoting a common understanding of sustainable purchasing processes, sharing knowledge and experience, and pooling relevant resources for use by member companies. An important element is a uniform assessment of suppliers’ sustainability performance, and as part of this initiative we launched an international pilot project during the year under review. During the course of the year some 160 strategic suppliers were invited to undergo such an assessment, and by the end of 2015 around 30% had done so. The results will be incorporated into our supplier assessment and selection process.

Efficient logistics

We are constantly working on improving the entire supply chain – from suppliers via site production processes to final delivery of the finished product to our customers. The aim is to standardize processes and methods and to optimize them within our sites, as well as improving inter-site cooperation. The result will be better service in all distribution channels – particularly in relation to delivery reliability, quality, and lead times.

We are also continually improving product transportation by increasing the efficiency of our route planning. In a bid to minimize the environmental impact of transport activities we are working on achieving an optimum combination of road, rail, ship, and air transportation, and promoting the use of inter-modal options. This has enabled us to largely avoid the use of air freight.

In order to improve the efficiency of our transport network and reduce transport-related CO₂ emissions, we require our logistics partners to use modern vehicles with as low a fuel consumption as possible.

Since July 2014 the Rail Vehicle Systems division has operated a new logistics center that handles shipping for four different production facilities. As a result we have been able to cut the average transportation distance in this market segment by 10% per tonne. Knorr-Bremse uses cross-Company sales (CC sales) to sell products directly to customers from its production sites, thus eliminating unnecessary journeys via internal Knorr-Bremse warehouses. CC sales also have the advantage that the sales units remain in direct contact with the customer at all times. They enable us to cut overall distances traveled, streamline our supply chain, reduce lead times, and improve delivery performance. Since 2012 we have avoided around 480,000 unnecessary shipments in this way. In Europe, almost all of our sales organizations use CC sales, while elsewhere we continue to develop corresponding processes. In 2015 some 130,000 consignments were handled via CC sales – 16% more than the previous year.

In the commercial vehicle division we are working on making the logistics network even more effective by fully integrating suppliers into the supply chain management system. By so doing we hope to make optimum use of our production network and reduce transportation requirements to a minimum.

For example we have adopted a platform strategy that continuously optimizes transport flows. For internal transportation we have set up a hub structure that has enabled us to increase transport utilization rates by some 25%. In addition, we use several external platforms provided by logistics companies to combine goods for transportation. This helps us make better use of vehicle capacity and reduce the number of journeys required, as well as cutting transport costs and reducing the negative impact on the environment. We are currently developing an integrated central transport management system with a view to building on the improvements already achieved.
As the world’s leading producer of rail and commercial vehicle braking systems, Knorr-Bremse has a reputation for manufacturing products that offer outstanding safety, quality, reliability, customer benefits, and resource efficiency. Our product portfolio ranges from entrance systems, HVAC systems, power supply systems, control components, control technology, and platform screen doors for rail vehicles to braking systems, driver assistance systems, and powertrain-related solutions for commercial vehicles. Our divisions regularly launch new, innovative products and solutions for enhancing safety and efficiency on road and rail.

Focus on innovation
Our consistently high expenditure on research and development (see graph) ensures our long-term innovative capabilities. This is reflected in our extensive portfolio of patents, with a current total of over 7,000 industrial property rights worldwide. On December 31, 2015 we employed more than 3,500 people in research and development.

We have adopted a systematic approach to the quality of our products. For more than ten years Knorr-Bremse has defined the measures required to ensure top quality for every component that we develop and produce. Regular process and project audits ensure that safety requirements are taken into account at the development stage of each product. In the early stages we analyze the anticipated energy consumption and materials required for a product’s usage or the noise emissions that this will generate. The head of Corporate Responsibility is involved in the approval process for innovations. Examples from both divisions illustrate how our products contribute towards meeting future mobility needs, improving safety and reducing environmental impact. You can find further information on the topics of innovation and sustainability at Knorr-Bremse by consulting the Knorr-Bremse AG 2015 Annual Report (pages 53 et seq.).

Safety-critical products and systems
Safety, cost-effectiveness, and reliability are priorities when we are developing our products. As demand for greater mobility grows all over the world, so, too, vehicle and road safety requirements are becoming stricter. As the world’s leading manufacturer of braking systems for rail and commercial vehicles we further develop tried-and-tested technologies, offering electronic systems for avoiding collisions and stabilizing vehicles as well as solutions for networking mechatronic systems. A particular feature of our brake and chassis components, includ-
Environmental protection
Knorr-Bremse puts great emphasis on environmental compatibility and resource efficiency when groundbreak- 
ing technologies are under development. For example we do our utmost to reduce noise emissions and use environ- 
mentally acceptable materials wherever possible. We are 
convinced that climate change will mean that energy-
efficient products are going to become increasingly im-
portant over the coming years – which is why we also give 
this issue high priority during the development process.

Product examples
Rail Vehicle Systems

- We were the first company in the rail vehicle industry to market a compressor that operates completely 
  without oil – increasing user comfort and making it more economical and environmentally friendly than 
  traditional compressors. The BPLE (Brake Pipe Length Estimation) system enables locomotive engineers on freight trains to check the func-
tioning of all the brakes without leaving the cab.
- The iCOM Assist (LEADER) driver assistance system helps locomotive engineers to drive their vehicles in a manner that minimizes environmental impact, reduces wear, cuts fuel consumption, and still main-
tains punctuality. iCOM Assist reduces energy require-
ments by an average of 10%.
- The LL composite brake block is used for so-called 'whisper brakes' – the blocks smooth the surface of the wheel during braking, reducing noise emissions from freight trains by some 10 dB(A), which the human ear perceives as a halving of the noise.
- The modular IFE Generation 4 entrance system is 20% lighter than its predecessor and requires 25% less energy. New materials for the door leaves have im-
proved their noise and thermal insulation properties.

Product examples
Commercial Vehicle Systems

- Our electrically powered screw compressor for com-
cmercial vehicles with hybrid or electric drive not only 
  reduces operating noise when a vehicle’s combustion 
  engine is switched off, but also saves energy – reducing 
  diesel consumption by up to 1,700 liters a year.
- Rear-end collisions in traffic queues are one of the 
  commonest causes of truck accidents resulting in 
  injury. Our Advanced Emergency Brake System au-
tomatically applies the brakes if the truck fails to main-
tain a certain set distance from the vehicle in front – and 
does so in stages, ending with full emergency braking. 
  This helps avoid accidents, or at least reduces the force 
  of the collision.
- Tire pressure and temperature monitoring systems warn 
  the driver if the pressure drops below a certain level or the 
  temperature of the tire rises excessively. This en-
  hances safety and prevents unnecessary fuel con-
sumption caused by underinflated tires.
- Our pneumatic disc brakes (SL7, SM7, ST7) are significantly 
  lighter than their predecessors and increase the efficien-
cy of commercial vehicles. And we have reduced their 
environmental impact by avoiding the use of harmful ma-
terials for coatings and pads.
- Our compressor with clutch disengages from the truck’s engine when maximum torque is required, for example 
  for uphill driving or overtaking. On downhill gradients, 
  on the other hand, it re-engages and uses surplus en-
gine energy to produce compressed air and help brake 
  the vehicle without wear and tear. The result is fuel 
  savings of up to 1,300 liters per year.

Sustainability in the product life cycle
Our aim is to continuously improve our products and re-
duce their environmental footprint to a minimum. To do 
this we carry out life cycle assessments (LCAs) to examine 
the environmental impact of selected products during 
their entire life from production to final disposal. By ana-
lyzing the entire value chain we can gather valuable data 
on the use of materials and resources during production 
and also on environmental compatibility during a prod-
ture service life.

We have piloted LCA analyses on various products and 
systems, including the pneumatic disc brake and one of 
our control valves. The analysis included ‘Product Carbon 
Footprint’ (PCFs), which examine CO₂ emissions across a 
product’s entire life cycle. As a result we were able to 
identify the use of materials and deployment of products 
as important levers for reducing CO₂ emissions.

In the Rail division we have incorporated further measures 
into our ‘ECO Design’ project. This involves examining our 
products to ensure that they do not contain any banned 
or restricted materials and also carrying out recycling 
analyses. As a basis we use our expanded ECO Design da-
tabase, which includes information on REACH (EU system 
for Registration, Evaluation, Authorization and Restriction 
of Chemicals), materials use, and recyclability. This en-
sures that banned or restricted materials do not find their 
way into our products at any stage. With the help of the 
database we also aim to incorporate a new design stan-
ard for sustainability into the management system of the 
Rail Vehicle Systems division.

Remanufacturing
In recent years Knorr-Bremse has massively expanded its 
remanufacturing operations for products originating in the 
rail and truck divisions. Remanufacturing saves resources 
and reduces environmental impact to an even greater de-
gree than material recycling alone. Aluminum components 
are a good example: Remanufacturing does not involve the
energy-intensive process of melting down and pressure-molding a new aluminum casing. Compared with a newly created product, it can therefore save up to 98% of the materials required and significantly improve the overall eco-balance of the product compared with manufacturing a new casing.

We regularly carry out life cycle analyses with a view to calculating the environmental advantages of product remanufacturing compared with producing new ones. An analysis of the CO₂ footprint of our EAC 1 electronic air treatment system revealed that remanufacturing of the unit saved emissions of 13.6 kilograms of CO₂ compared with the manufacture of a new product. The analysis included the input and logistics of all the suppliers concerned.

In the Rail Vehicle Systems division, remanufacturing has always played a prominent role. For example, Knorr-Bremse overhauls control, load-proportional, and weighing valves for freight car brakes, only replacing those parts that are subject to actual wear. Well over 90% of the material is reused. During the year under review, the Service Center in Berlin alone overhauled some 45,000 products of different types.

In the Commercial Vehicle Systems division, used products are returned by customers for remanufacturing. These are dismantled and the individual components are first cleaned and then inspected to see whether they can be reused. Reassembly and testing of the overhauled products involve the same processes and approval stages as for new products. The portfolio of remanufactured products in the commercial vehicle division already contains 500 individual article numbers. Remanufactured versions of our compressors, for example, offer aftermarket customers a viable alternative to buying a new product – and one that is not only appropriate to the age of the vehicle but also saves energy and resources. In terms of function, a remanufactured air compressor for the braking system is as good as a new product. Our declared aim is to offer remanufacturing for the majority of our entire product range for commercial vehicles by the year 2018.

Over the next few years we intend to continue our global investment in remanufacturing. During the year under review, for example, we expanded a manufacturing facility at our site in Liberec, Czech Republic, with a view to bundling our remanufacturing activities in the European market. In addition to Europe, Knorr-Bremse also markets a portfolio of remanufactured products on the American continent. In Itupeva, Brazil, 250,000 parts have been remanufactured within the space of ten years, saving 700 tonnes of raw materials. And the Bendix Brake Shoe Remanufacturing Center in Huntington, Indiana/USA, remanufactured three million brake shoes during the same period.
Climate protection

A Group-wide environmental policy and environmental management system provide the basis for Knorr-Bremse to meet its responsibilities.

Climate protection targets 2020

In order to reduce our CO₂ emissions, we have developed a climate protection strategy that has established Group-wide targets for the year 2020. The main focus is on three areas: energy (optimizing building design and processes), logistics, and products.

Environmental management

Knorr-Bremse’s environmental principles are set out in the Health, Safety and Environmental Policy that was updated in 2015. As part of this we commit ourselves to preventing or minimizing the impact of our processes, services, and products on the environment and our fellow human beings. In order to achieve this aim, the Group has introduced an environmental management system at all its production sites. This is coordinated by central HSE departments for the Rail Vehicle Systems and Commercial Vehicle Systems divisions. During the year under review a Group-wide HSE report was introduced in which we regularly record the most important HSE performance data and events, drawing on information from all our major production sites worldwide. Since 2001 we have been driving a step-by-step process of certification of our sites under the international environmental management standard ISO 14001. By the end of 2015, 47 production sites had achieved certification.

Climate protection targets 2020

In order to reduce our CO₂ emissions, we have developed a climate protection strategy that has established Group-wide targets for the year 2020. The main focus is on three areas: energy (optimizing building design and processes), logistics, and products.

Our measures to reduce greenhouse gas emissions (Scope 1 and Scope 2 as defined in the Greenhouse Gas Protocol) are grouped together in Efficient Cut of CO₂ (ECCO₂), an initiative that was launched in 2009. Our original aim was to achieve a 20% reduction in our specific CO₂ emissions by 2020 and to increase our specific energy efficiency by the same amount. We had already achieved this target by the end of 2014; therefore, we are planning to decide on new targets in 2016. Knorr-Bremse also aims to introduce an energy management system according to the international ISO 50001 standard at all its production sites. By the end of 2015, 21 production sites within Europe had a certified energy management system according to ISO 50001 or had carried out energy audits according to ESOS (Energy Savings Opportunity Scheme, UK).

Precautionary approach to environmental and climate protection.

“We have set ourselves the goal of handling resources in a responsible manner, consistently reducing CO₂ emissions, minimizing and where possible avoiding undesirable impact on nature and the environment.”

Excerpt from Knorr-Bremse’s Corporate Responsibility guidelines
2015 also saw the Company produce global guidelines on the purchase of renewable energy with the aim of increasing Group-wide use of energy from such sources.

In the field of logistics we also aim to achieve further reductions in transport-related CO₂ emissions, for example, by optimizing warehouse structures and route planning and by ensuring that logistics service providers use more efficient vehicles (see page 12).

We use life cycle assessments (LCAs) and impact analyses of substitute materials to assess the environmental and climate impact of our products and systems with a view to expanding our portfolio of environmentally friendly products (see page 17).

**Energy efficiency**

Through our ECO² initiative, we identify potential energy savings in all areas of the Company and share local examples of best practice. In 2015 our focus was again on buildings, plants, and production processes. We installed energy-saving lighting and waste heat recovery systems at a number of sites, improved assembly lines and motivated staff to save energy. At some sites we also installed sub-meters that give a detailed breakdown of our energy consumption, helping us to identify areas for potential savings and to develop measures for reducing energy consumption. During the year we also further improved the generation of compressed air at some of our German production sites: This resulted in our being able to reduce the pressure of the air centrally produced for all our production processes by 1 bar, bringing energy savings of around 10% per standard cubic meter.

In Asia we ran a pilot training project for employees at several sites with a view to further embedding awareness of energy management issues at all levels within the Company.

The energy requirements of our IT systems are having a growing impact on our ecological balance sheet. As part of its ‘Green IT’ project, Knorr-Bremse has modernized its biggest IT and server center at its headquarters in Munich. By halving the cooling requirements in the server rooms, we achieved a reduction in energy consumption for this purpose of around 30%. In addition, central standards for hardware and software and measures to change employee behavior are reducing the environmental impact associated with the procurement, use, and disposal of IT equipment.

Climate protection at Knorr-Bremse

Focus on three areas

**Focus on Products**

- Assessment of environmentally friendly product portfolio
- Implementation of life cycle assessments
- Analysis of environmental impact of alternative materials

**Focus on Logistics**

- Optimization of transport network, warehouse structure, and route planning
- Use of fuel-efficient vehicles by logistics suppliers
- Reduction of transport-related CO₂ emissions

**Focus on Energy**

<table>
<thead>
<tr>
<th>Year</th>
<th>Indirect CO₂ emissions (Scope 3)**</th>
<th>Direct CO₂ emissions (Scope 1)</th>
<th>Total CO₂ emissions</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>106,681</td>
<td>122,486</td>
<td>229,167</td>
</tr>
<tr>
<td>2014</td>
<td>108,169</td>
<td>125,598</td>
<td>233,767</td>
</tr>
<tr>
<td>2015</td>
<td>112,652</td>
<td>131,511</td>
<td>244,163</td>
</tr>
</tbody>
</table>

* Direct and indirect emissions from the use of natural gas, heating oil (Scope 1) and electricity, district heating (Scope 2)

** Indirect emissions from fuel use and from product manufacture and use (Scope 3)

On the occasion of the 21st UN Climate Conference in Paris at the end of 2015, Knorr-Bremse showcased its environmentally friendly rail innovations in the form of a special ‘Train to Paris’. Amongst the technologies on display were the iCOM Assist driver assistance system, which helps locomotive engineers save fuel, state-of-the-art HVAC systems from Merak and Sigma, which have a sophisticated control system that saves energy, and Knorr-Bremse Power Tech power converters that efficiently distribute energy throughout the train.

**Resource efficiency**

Knorr-Bremse endeavors to make sparing and efficient use of materials in its production processes. In particular this applies to steel and iron materials, light metals, polymers, fuels and lubricants, and packaging materials. We are working on increasing the proportion of non-hazardous materials and on using more environmentally friendly alternatives wherever possible.

Waste generated at Knorr-Bremse consists primarily of scrap metal, paper, packaging, and residual waste. In addition, surface treatment of our products results in electroplating sludge. Measures are being taken to steadily reduce waste and improve material cycles.

The water we consume is used primarily in our production processes, and for drinking water and sanitary purposes. We obtain our water from local authority suppliers and dispose of our waste water via public sewage systems. It is our aim to use water as efficiently as possible and to recycle it wherever feasible. In 2015 we reduced our specific fresh water consumption (in relation to sales revenue) by 9.6% compared with 2014.

In order to save drinking water some of our sites use rainwater for cleaning, in their sanitary facilities, and for watering green spaces.

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**ECCO² Phase II (2014 – 2020)**

- Emissions reduction target: -10% of relative CO₂ emissions (CO₂ emissions/TEUR)
- Energy efficiency target: Increase in energy efficiency
- Sustainable energy management target: Introduction of an ISO 50001-compliant internal energy management system

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**Sponsoring Eco Performance Award**

Since 2013 Knorr-Bremse has been a Premium Partner for the Eco Performance Award. The initiator of this top award for sustainability in freight transportation in Europe is DKV Euro Service, one of the leading service providers for the logistics and transport industry.

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## Energy consumption

<table>
<thead>
<tr>
<th>Year</th>
<th>Absolute energy consumption in MWh</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>208,426</td>
</tr>
<tr>
<td>2014</td>
<td>225,177</td>
</tr>
<tr>
<td>2015</td>
<td>210,921</td>
</tr>
</tbody>
</table>

## Emissions

<table>
<thead>
<tr>
<th>Year</th>
<th>Total CO₂ emissions</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>106,681</td>
</tr>
<tr>
<td>2014</td>
<td>108,169</td>
</tr>
<tr>
<td>2015</td>
<td>112,652</td>
</tr>
</tbody>
</table>

**Specific energy consumption in MWh per TEUR sales**

<table>
<thead>
<tr>
<th>Year</th>
<th>Specific energy consumption in MWh per TEUR sales</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>25.1</td>
</tr>
<tr>
<td>2014</td>
<td>24.9</td>
</tr>
<tr>
<td>2015</td>
<td>22.4</td>
</tr>
</tbody>
</table>

**Specific CO₂ emissions in tonnes per TEUR sales**

<table>
<thead>
<tr>
<th>Year</th>
<th>Specific CO₂ emissions in tonnes per TEUR sales</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>23.6</td>
</tr>
<tr>
<td>2014</td>
<td>22.4</td>
</tr>
<tr>
<td>2015</td>
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</tr>
</tbody>
</table>

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**Focus on three areas**
The Knorr-Bremse construction manual lays down a range of environmental criteria for the planning of production facilities and buildings.

Ecological building design worldwide

We want our new sites and buildings to be as environmentally friendly as possible. In 2014, Knorr-Bremse produced a construction guideline for production facilities and buildings that includes comprehensive environmental criteria related to the basic energy concept, carbon-neutral energy production, life cycle cost calculations, and energy monitoring. In addition, we take local conditions into account, e.g. by ensuring we select the best construction materials for the particular climatic conditions.

2015 saw the completion of the new test and development center in Munich, which is scheduled for opening in the summer of 2016. It has been designed to the highest standards of energy efficiency and sustainability. The main source of heating is waste heat from the test rigs, but this is backed up with ambient heat drawn from the groundwater. The process heat is used directly as far as possible, but heat pumps are also available to raise the temperature if required. The heat pump function of the cooling systems and the available ambient heat also enable the indoor parking facility to be heated.

During the year under review our rail vehicle systems production site in Palwal, India, achieved Silver certification from the Indian Green Building Council (IGBC). Certification is awarded for sparing use of resources, energy efficiency and maintenance of a healthy working environment. The entire building in Palwal is well insulated and has prismatic skylights to direct daylight into the rooms. It also has its own water recycling system that considerably reduces fresh water requirements.

Water consumption

<table>
<thead>
<tr>
<th>Year</th>
<th>Water consumption 2013</th>
<th>Water consumption 2014</th>
<th>Water consumption 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>122.2</td>
<td>88.5</td>
<td>80.0</td>
</tr>
</tbody>
</table>

Specific fresh water use in liters per TEUR sales.

We achieved a 9% cut in specific energy consumption in 2015 compared with the previous year.
“We create an attractive working environment in which the principles of mutual trust, teamwork, diversity, and equality of opportunity as well as fair and respectful treatment of each other are recognized and practiced.”

Excerpt from the Knorr-Bremse Corporate Responsibility guidelines

At the end of 2015 the Knorr-Bremse Group had a global workforce of 24,275 – an increase of 1.5% over the previous year (23,916). Just how international our company is can be seen from the fact that in 2015 around 80% of all employees were working at sites outside Germany.

At our international sites we offer young people opportunities to undergo training in a variety of technical and commercial skills. Amongst the most popular are industrial technology, machining, electronics, mechatronics, and IT.

Independently of the sites where they are employed, employees are also offered a range of voluntary extra benefits such as meal allowances, mobility allowances, and sport and health provisions. Within the framework of what is locally feasible, Knorr-Bremse also offers voluntary additional contributions to a Company pension in line with statutory requirements and tax and social security legislation.

Recognition as top employer

Our HR policy puts great emphasis on the Group’s attractiveness as an employer in the eyes of the public at large and in particular in the perception of highly qualified potential recruits who are crucial for our future. Several awards have confirmed this: In 2014, 2015, and 2016 we were named ‘Top Employer for Engineers in Germany’ by the International Top Employers Institute (Amsterdam). Knorr-Bremse was praised for providing “an outstanding employment environment and a wide range of attractive incentives, from secondary benefits and flexible working conditions to well-designed performance management programs tailored to the corporate culture.”
with high potential are invited to attend internal assessment
ment centers at which they are scrutinized by experi-
enced managers and outside experts. These measures enable Knorr-Bremse to prepare junior employees for future responsibilities, thus ensuring staff continuity.

Other important personnel development programs and measures are as follows:

- The Management Evolution Program (MEP) enables trainees to familiarize themselves with three different departments over a period of 18 months, during which they gather experience in international projects and work at a foreign location for six months. The trainees receive support from mentors chosen from the management ranks.
- The International Management Potential Group (IMP Group) is a special development program for young executives that gives participants from our sites around the world an opportunity to develop their talents further in training courses and projects, to strengthen their leadership skills, and to expand their personal networks internationally.
- The Engineering Development Program (EDP) in America enables college graduates with degrees in technical subjects to receive two years of further training in mechatronics – for example, through cross-divisional transfers to other departments or through work experience abroad in Mexico.

International exchange

For many years now, Knorr-Bremse’s commitment to international exchange has resulted in improved intercultural skills, particularly among its managers. The Company’s international locations provide ideal conditions for this to take place. Expatriates are posted abroad for periods of between six months and five years. All are supported centrally by a team of specialists from the International Transfers department – from the initial preparations to their return and reintegration into their former workplaces. In addition to long-term international assignments, short-term exchanges related to specific issues are another main area of focus at Knorr-Bremse. By frequently giving employees project-specific assignments around the world, we help ensure skills acquisition, sharing of specialized knowledge, and transfer of expertise. An international job market is available to all employees on the Intranet. This makes incentive exchange more attractive and simpler than ever and provides our employees with early information about interesting positions and projects across the Group.

Diversity and equal opportunity

We consider the cultural diversity of our workforce to be one of the key factors in our economic success. As a global group, we promote understanding and appreciation of other cultures and lifestyles and actively promote the integration of employees from other countries. We support this with intercultural training, language courses, and periods spent working abroad. To maintain a close relationship with our markets and customers and make use of country-specific language skills and cultural competence, we attach particular importance to employing local executives at our international sites.

When it comes to pay, no difference is made between men and women. In Germany, Knorr-Bremse’s equal pay policy has been acknowledged with the award of the Logib-De certificate by the Federal Ministry for Fam-

ily Affairs, Senior Citizens, Women and Youth. Vacant posts and management positions are filled irrespective of gender – at all that counts is qualifications, performance, and the candidate’s personality. In 2015 the proportion of female employees in the workforce was 18.9%. The global figure for women in management positions within the Group is 11%.

In March 2015 a law was passed in Germany to ensure that men and women have an equal share of top management positions in industry and administrations. It obliges employers to give greater consideration to the under-represented gender – usually women. Stock exchange-listed companies, and enterprises subject to co-determination regulations, have to establish their own flexible women’s quotas for their executive board, supervisory board, and upper and middle management and report on progress made.

Knorr-Bremse supports the intention of this legislation to increase the proportion of women in top management positions. Moreover, in view of current demographic developments and the potential shortage of skilled workers, particularly in technical occupations, it is also important for Knorr-Bremse to recruit more well-trained and highly qualified women. Appropriate initiatives and programs already exist – one example being a trainee program specifically designed for young female recruits. At Knorr-Bremse the scope for balancing family and professional life has also been improved by the introduction of flexible working time models and tele-working.

However, increasing the proportion of women in management positions takes time. As Knorr-Bremse is a tech-

nological company operating in the B2B sector, it is mainly male applicants who perceive it to be an attrac-
tive place to work. Many women who apply to Knorr-Bremse also call for technical training in which women are still underrepresented. You can find further information on details of the targets we have set in the Knorr-Bremse AG 2015 Annual Report (page 60).

In a joint initiative with the Technical University of Munich, we provide support for female students of scientific and technical subjects preparing to enter professional life. In a program called mentorHi, they are provided with mentors who help them to build up networks relevant to their studies and future professions. Seminars and training courses tai-

lored to specific target groups round off the program.
In North America, our Bendix subsidiary offers female managers the opportunity to attend a training program focusing on women in management positions. Over a period of six months there are regular workshops, an important aspect of which is the opportunity to exchange ideas with women in management positions in other companies within the sector.

Employees with disabilities or serious health conditions receive special protection and assistance at Knorr-Bremse. The disability officer helps to find the right workplace for them within the Company. The proportion of employees in this category at our German locations in 2015 was 5.0% (2014: 4.9%).

One of the aims of our HR policy is to promote a better work-life balance – especially in countries which, like Germany, face major challenges as a result of demographic change. To help employees reconcile the demands of work and family – from highly qualified women wishing to stay at work despite having children, or fathers wanting to play a bigger part in their children’s upbringing, to those with dependents requiring care – Knorr-Bremse offers the following assistance, as required:

- Flexible working hours and working time accounts
- Part-time employment
- Leave lasting several months (sabbaticals)
- Teleworking
- Care support for the family (e.g. assistance in finding child care and nursing care for dependents)

### Encouraging girls to explore technology

In order to encourage more girls to consider training in a technological profession, Knorr-Bremse’s Munich headquarters is involved in the Girls for Technology camp organized by the Bavarian Industrial Training Institute (bbw).

www.tezba.de

Knorr-Bremse has also been involved for several years in the nation-wide Girls’ Day which aims to introduce young women to occupations such as engineering, industrial technology, and mechatronics, which are usually dominated by men. 2015 again saw schoolgirls given an opportunity to gain practical experience of the training on offer at Knorr-Bremse and to try their hand at assembling a compressor.

www.girls-day.de

In 2013 for the first time, Knorr-Bremse was awarded the prestigious Audit Beruf und Familie certificate in acknowledgment of the Company’s family-friendly personnel policy. The award followed detailed assessments by the auditing company berufundfamilie gGmbH. We are hoping to undergo re-auditing in 2016.

### Health and safety at work

Our Health, Safety and Environmental Policy, which applies to the entire Group, commits us to ensuring a safe and healthy working environment by promoting the prevention of injuries and impairment to health. Important components in our preventive safety management system include analysis of incidents and accidents and Group-wide safety reporting. Other key aspects are risk assessments of machinery, workplaces and work processes, the promotion of safety consciousness in the workforce through training courses and awareness campaigns, the analysis of accidents, and subsequent introduction of accident-prevention measures.

Our occupational health and safety management system meets the requirements of the international standard OHSAS 18001 (Occupational Health and Safety Assessment Series) and we conduct internal audits at regular intervals. Worldwide, 32 production and service sites in our Rail Vehicle Systems division are certified according to OHSAS 18001. Using standardized processes, we record and analyze the key indicators on occupational safety and base appropriate measures on these. In order to maintain and further improve our high standards of health and safety at work, we provide internal specialist training courses at regular intervals and offer those responsible the opportunity to take part in international congresses, conferences, and projects. The success of our occupational safety management system is also reflected in our key performance indicators. The injury rate per 200,000 hours worked fell to 0.7 in the year under review.

An extensive range of measures is available throughout the Group with a view to maintaining and promoting our employees’ long-term health. These are tailored to the regional needs of our individual sites and include ergonomic workplace design, stress management seminars, fitness programs, and medical examinations. In-house medical care is available to employees at all our sites. In addition to important preventive check-ups, vaccinations and pre-travel consultations are also offered. In the USA, our Bendix subsidiary offers its employees an extensive range of activities and information on subjects such as breast cancer prevention, healthy nutrition, and physical fitness as part of its ‘Bendix Be Healthy’ program.

### Accident rate

<table>
<thead>
<tr>
<th>Year</th>
<th>Accident rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>0.7</td>
</tr>
<tr>
<td>2014</td>
<td>1.0</td>
</tr>
<tr>
<td>2015</td>
<td>0.7</td>
</tr>
</tbody>
</table>

Number of accidents resulting in lost working days per 200,000 hours worked.
Involvement in local and global community projects.

“We are involved, as a member of society, in social issues and are engaged worldwide as a good corporate citizen.”

Excerpt from Knorr-Bremse’s Corporate Responsibility guidelines
Helping people worldwide

Global Care is the name given to our worldwide efforts to help people in need. Global Care projects are officially managed by Knorr-Bremse Global Care, an organization set up in January 2005 in the wake of the devastating tsunami in South-East Asia. It focuses both on medium- and long-term education and infrastructure projects and on providing emergency relief following disasters. The majority of the donations it receives are provided in equal parts by the Rail Vehicle Systems and Commercial Vehicle Systems divisions of the Knorr-Bremse Group.

Since it was first set up in 2005, Knorr-Bremse Global Care, together with its project partners, has succeeded in improving the living conditions of over 625,000 people in 52 countries through around 190 projects; a total of some EUR 14 million has been made available. In 2015 the organization supported around 60 projects in 29 countries at a cost of some EUR 2 million. More than 120,000 people benefited as a result. You can find further information about the activities of Global Care at www.global-care.eu and in the Knorr-Bremse Global Care report for 2015.

Since 2013, a key focus of Knorr-Bremse Global Care projects has been on water, sanitation, and hygiene (WASH). Through its work, the organization aims to bring about long-term improvements to water supplies and hygiene conditions, especially in developing countries and emerging economies.

During 2015 Knorr-Bremse Global Care helped the aid organization World Vision in the Krachi East region, Ghana, to fund the construction of 20 drinking water wells, five disabled-friendly sanitary facilities at primary schools, and 20 clothes washing facilities. Following completion of the building work, villagers also received instruction in carrying out basic repairs. By setting up a local water committee that charges a small fee for usage with a view to covering the cost of maintenance and possible extension work, the village community has been enabled to independently operate its water supply in the long term. Hygiene lessons for school children have also been funded.

In addition, Knorr-Bremse Global Care supports vocational training to give young people prospects and a chance to support themselves and play an active part in society. The SKILL project run by the Stadtteilarbeit neighborhood association in Milbertshofen (Munich) helps young people from low-income families who live in the vicinity of the Company plant. While they are still at school they are given technical training that improves their career prospects and their chances of gaining a place at university. During the training at the Knorr-Bremse site they not only gain practical knowledge in the fields of mechatronics, mechanical engineering or working with computer-controlled machine tools but also get to know the Company itself.

Many of the organization’s projects also involve our local sites. In Krakow, Poland, for example the Knorr-Bremse site supported an initiative launched by employees to renovate the pediatric department of Zeromski Hospital. 40 children and infants, together with their parents, now have access to better care during their stay in hospital.

Supporting culture and sports

As well as supporting social projects, the Group headquarters in particular also funds cultural organizations and sports clubs in Germany. An example of this kind of work is the fact that the Company is a founding member of the initiative to modernize the Deutsches Museum in Munich, the world’s biggest technology museum, and is donating a total of EUR 5 million for this purpose up to 2018.

Many of our employees also do voluntary work in their spare time. To mark the tenth anniversary of Knorr-Bremse Global Care we supported a special initiative: We asked employees at our sites all over the world to submit suggestions for projects that support people in need. Project teams at the sites then decided how the funds were to be distributed. As a result of the initiative, more than 220 projects worldwide were supported and implemented – including help for children, the disadvantaged, and the elderly, food banks and voluntary fire brigades, renovation of schools and kindergartens, language teaching, environmental campaigns, and integration projects for refugees. In 2015 a total of some EUR 500,000 was made available for these purposes.

Global Care: Helping people worldwide

Global Care is the name given to our worldwide efforts to help people in need. Global Care projects are officially managed by Knorr-Bremse Global Care, an organization set up in January 2005 in the wake of the devastating
Implementation of the ten Global Compact principles.

Knorr-Bremse has supported the UN Global Compact since 2010, and every year we produce a progress report on how we are implementing the ten principles. The following table provides an overview of the voluntary undertakings, guiding principles, and management systems that help us to incorporate the Global Compact into our corporate processes. It also contains references to the relevant parts of this report on the Global Compact and its implementation during 2015.

<table>
<thead>
<tr>
<th>PRINCIPLE</th>
<th>KNORR-BREMSE PRINCIPLES, GUIDELINES, AND MANAGEMENT SYSTEMS</th>
<th>PAGE/CHAPTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUMAN RIGHTS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PRINCIPLE 1</td>
<td>Businesses should support and respect the protection of internationally proclaimed human rights; and</td>
<td>5 5 5 9 5</td>
</tr>
<tr>
<td></td>
<td>make sure that they are not complicit in human rights abuses.</td>
<td>9   11</td>
</tr>
<tr>
<td></td>
<td>Knorr-Bremse Code of Conduct (pp. 5, 9)</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td>Corporate Responsibility guidelines (p. 5)</td>
<td>11</td>
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<tr>
<td></td>
<td>Health, Safety and Environmental Policy (pp. 5, 21, 30)</td>
<td>11</td>
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<td>UITP-Charta for sustainable development (p. 5)</td>
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<tr>
<td></td>
<td><strong>Sustainable corporate governance</strong></td>
<td>5 5 5 9 10 11</td>
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<tr>
<td></td>
<td><strong>Compliance management and integrity</strong></td>
<td>11</td>
</tr>
<tr>
<td></td>
<td><strong>Involving suppliers, Integrating sustainability</strong></td>
<td>11</td>
</tr>
<tr>
<td></td>
<td><strong>Attractive working environment for employees</strong></td>
<td>27</td>
</tr>
<tr>
<td></td>
<td><strong>Health and safety at work</strong></td>
<td>30</td>
</tr>
<tr>
<td>LABOUR STANDARDS</td>
<td></td>
<td></td>
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<tr>
<td>PRINCIPLE 2</td>
<td>Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining,</td>
<td>5 5 5 9 5</td>
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<tr>
<td></td>
<td>the elimination of all forms of forced and compulsory labour;</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>the effective abolition of child labour; and</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td>the elimination of discrimination in respect of employment and occupation.</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td>Knorr-Bremse Code of Conduct (pp. 5, 9)</td>
<td>11</td>
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<td>Corporate Responsibility guidelines (p. 5)</td>
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<td></td>
<td>Management guidelines (p. 5, 28)</td>
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<tr>
<td></td>
<td><strong>Sustainable corporate governance</strong></td>
<td>5 5 5 9 10 11</td>
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<tr>
<td></td>
<td><strong>Compliance management and integrity</strong></td>
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<td></td>
<td><strong>Involving suppliers, Integrating sustainability</strong></td>
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<tr>
<td></td>
<td><strong>Attractive working environment for employees</strong></td>
<td>27</td>
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<tr>
<td></td>
<td><strong>Leadership and personnel development</strong></td>
<td>28</td>
</tr>
<tr>
<td></td>
<td><strong>Diversity and equal opportunity</strong></td>
<td>29</td>
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<tr>
<td>ENVIRONMENTAL PROTECTION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PRINCIPLE 7</td>
<td>Businesses should support a precautionary approach to environmental challenges; undertake initiatives to promote greater environmental responsibility; and encourage the development and diffusion of environmentally friendly technologies.</td>
<td>5 5 5 9 10</td>
</tr>
<tr>
<td></td>
<td>Knorr-Bremse Code of Conduct (p. 5)</td>
<td>10</td>
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<tr>
<td></td>
<td>Climate protection strategy with Group-wide goals up to 2020 (p. 21)</td>
<td>10</td>
</tr>
<tr>
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<td>Health, Safety and Environmental Policy (pp. 5, 21, 30)</td>
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<td>Group-wide environmental management system at production and service sites (p. 21)</td>
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<td>Construction manual with wide range of environmental criteria p. 24</td>
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<td>CORRUPTION PREVENTION</td>
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<td>PRINCIPLE 8</td>
<td>Businesses should work against corruption in all its forms, including extortion and bribery.</td>
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<td>Knorr-Bremse Code of Conduct (pp. 5, 9)</td>
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