

Corporate Social ResponsibilityData and Targets 2007



Products and services

Automotive









At home









About the data

The sustainability data for 2007 update the reporting on ecological, social, and financial data for the Bosch Group published in the 2005/2006 "Corporate Social Responsibility" report. The relevant key data for each of the past three years have been presented in order to highlight development trends. The data section is based on information from over 300 companies in the Bosch Group, in more than 60 countries around the world. Interactive and user-friendly charts allow the key ecological and social data to be accessed on the internet.

► Interactive charts can be accessed at csr.bosch.com/charts

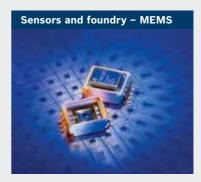
Industry and trade











Environmental data

Since 2006, the environmental reporting of the Bosch Group has been extended by 76 locations, and now encompasses 298 manufacturing and development sites. This means that the share of associates covered by reporting has risen from 76.7 to 91.4 percent. In most of the environmental indicators, which are grouped according to the three major regions Europe, the Americas, and Asia Pacific, we have recorded improvements at the locations previously included in reporting. Year on year, company sales grew by

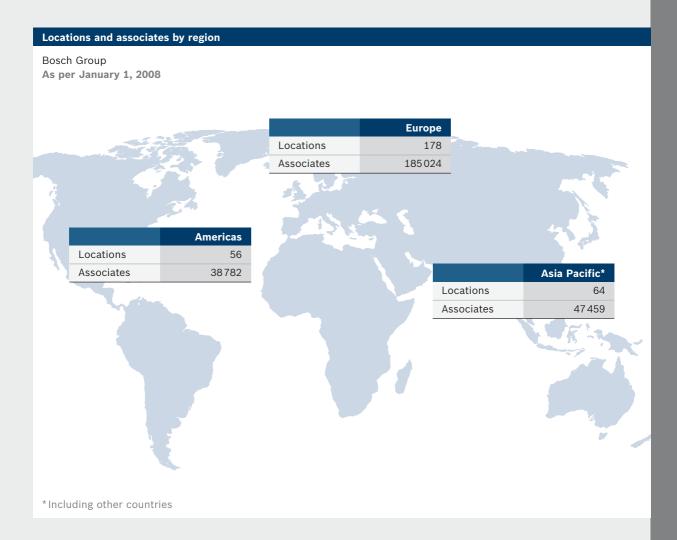
6.0 percent, and headcount rose by 3.8 percent. Any absolute increase in consumption and emission values results in most cases from the inclusion of additional locations. Companies in which Bosch holds a stake of 50 percent or less have not been included in the data recorded here. Most importantly, these include BSH Bosch und Siemens Hausgeräte GmbH, ZF Lenksysteme GmbH, and ZVCC Zexel Valeo Climate Control SA.

Material and energy flows

| | 2007 | 2006 | | Share 2007 | |
|---------------------------------------|-----------|-----------|--------|------------|--------------|
| | Worldwide | Worldwide | Europe | Americas | Asia Pacific |
| Worldwide sales (millions of euros) | 46320 | 43 684 | 65% | 18% | 17% |
| Total associates | 271 265 | 261 291 | 68% | 14% | 18% |
| | | | | | |
| INPUT | | | | | |
| Energy consumption (GWh) | 6284.3 | 5994.2 | 68% | 15% | 17% |
| Electricity | 4441.8 | 4144.3 | 66% | 18% | 16% |
| Natural gas | 1315.9 | 1249.3 | 83% | 11% | 6% |
| Heating oil | 193.6 | 202.5 | 28% | 1% | 71% |
| District heat | 352.7 | 193.9 | 81% | 0% | 19% |
| Coke, coal | 152.6 | 140.8 | 92% | 0% | 8% |
| Other | 75.7 | 63.4 | 37% | 7 % | 56% |
| Water consumption (millions of m³) | 17.4 | 17.0 | 64% | 15% | 21% |
| from public supply | 9.9 | 9.7 | 57% | 14% | 29% |
| from own sources | 7.5 | 7.3 | 72% | 17% | 11% |
| | | | | | |
| OUTPUT | | | | | |
| Atmospheric emissions (t)* | | | | | |
| CO ₂ | 2748700 | 2 564 596 | 65% | 15% | 20% |
| CO | 2 2 6 3 | 2065 | 44% | 35 % | 21% |
| NO _x (as NO ₂) | 5828 | 5 0 4 7 | 38% | 16% | 46% |
| SO ₂ | 9223 | 8120 | 57% | 20% | 23% |
| VOC | 1017 | 806 | 53% | 22% | 25% |
| CH ₄ | 122 | 110 | 35% | 31% | 34% |
| Dust | 1247 | 1020 | 34% | 6% | 60% |
| Wastewater (millions of m³) | 14.0 | 13.2 | 68% | 14% | 18% |
| Domestic wastewater | 5.2 | 4.8 | 59% | 14% | 27 % |
| Untreated process wastewater | 6.5 | 6.1 | 80% | 15% | 5 % |
| Treated process wastewater | 2.3 | 2.3 | 55% | 13% | 32% |
| Waste (thousands of metric tons) | 622.6 | 570.7 | 73% | 18% | 9% |
| Waste for recycling | 415.3 | 377.4 | 71% | 21% | 8% |
| Waste for disposal | 104.2 | 103.6 | 64% | 19% | 17% |
| Demolition waste | 103.1 | 89.7 | 89% | 7% | 4% |

^{*} direct and indirect

Since 2003, Bosch has recorded the environmental data and targets of its companies and locations worldwide in an IT-based environmental information system, which is also used when performing internal audits. As a result of renewed improvements in recording methods, the data for 2005/2006 have been adjusted. All environmental indicators are included in environmental controlling, which uses an assessment system to track and analyze the development of various indicators down to the individual location level.



Energy consumption in gigawatt hours 2007 6284.3 2006 5994.2 2005 5 9 6 8 . 0 8400 1400 2800 4200 5600 7000 Electricity Natural gas Heating oil District heat Coke, coal Other

Water consumption in millions of cubic meters 2007 17.4 2006 17.0 2005 18.2 0 4 8 12 16 20 24 ■ From public supply From own sources

Energy consumption

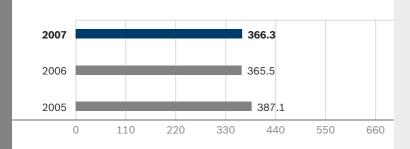
Overall energy consumption comprises electricity, natural gas, heating oil, district heat, coal, coke, and other energy sources. The energy we generate ourselves from renewable resources comes to some 11 gigawatt hours (GWh). As a result of the inclusion of 76 locations previously not included in consolidation, total energy consumption increased by 4.7 percent in 2007, to 6 284.3 GWh. The portion of total energy consumption accounted for by electricity rose by 1.6 percent to 70.7 percent, while the figure for natural gas is roughly 17.4 percent. Despite increased production, the energy consumption of the 222 locations previously included in reporting rose by just 1.4 percent. This was the result of numerous energy-efficiency schemes.

Water consumption

Total water consumption rose by 2.4 percent to 17.4 million cubic meters. The consumption of both freshwater and of water from our own sources rose slightly year on year. At 43.1 percent, the share of total water consumption from our own sources was significantly below the share of freshwater from public supply. This increase is due solely to the greater number of locations supplying data. The locations consolidated previously were able to reduce their consumption by 5.3 percent. Recycling systems have been set up at many locations to promote efficient use of this precious resource.

CO, emissions (direct)

in thousands of metric tons



CO, emissions from heat use

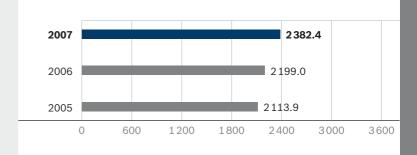
The main sources of the heat used at Bosch are natural gas (65 %), district heat (17 %), heating oil (10 %), and coke/coal (8 %). Following consolidation of the new locations, the demand for heat has risen by 12.8 percent since 2006. As a result, direct emissions also increased, by 0.2 percent. After allowing for consolidation effects, however, emissions fell by 4.9 percent. The emissions that arise as a result of the generation of district heat are not taken into account when calculating direct CO₂ emissions, as they do not originate at Bosch. Bosch is involved in European emissions trading at just three of its locations.

CO₂ emissions from electricity and district heat

Following consolidation of the new locations, electricity consumption has risen by 7.1 percent since 2006. After allowing for consolidation effects, however, it has only increased by five percent. In 2007, the share of indirect emissions in total emissions was 86.7 percent.



in thousands of metric tons

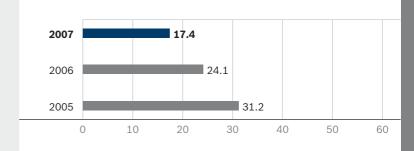


Use of chlorinated hydrocarbons

Our plans to phase out the use of chlorinated hydrocarbons (CHC's) worldwide at Bosch provided for their gradual replacement by 2005. The only exceptions are locations that have been added to the Bosch Group as a result of acquisitions. These have been granted a two-year period in which to stop using CHC's. As a result of the decommissioning of a cleaning line at the Bühl plant in Germany and the conversion to a new process at the Beni Khalled plant in Tunisia, we were able to achieve our substitution target for old plant and machinery. The remaining consumption of 17.4 metric tons is due solely to the newly consolidated locations.

Chlorinated hydrocarbons

in metric tons

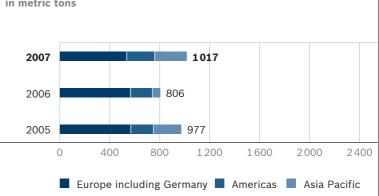


Volatile organic compounds

Volatile organic compounds (VOC's) are primarily emitted during coating and cleaning of metal parts. Now, however, many coating methods at Bosch locations have been switched to water-based solutions or powder coating. In addition, we frequently use water for cleaning instead of organic solvents. The 26.2 percent increase in VOC emissions in 2007 is mainly due to our Tsuchira-Shi location in Japan. As a result of maintanance work, no VOC's were used there in 2006. It remains our goal to reduce the evaporation of these substances through substitution or at least effective encapsulation.

Volatile organic compounds

in metric tons





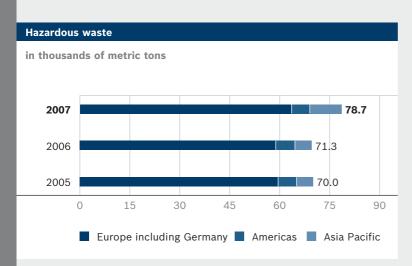
Quantity of wastewater

Wastewater includes wastewater from sanitary facilities, as well as treated and untreated process wastewater. Any actions that help us to use water efficiently also translate directly into lower quantities of wastewater. At the locations included previously in reporting, water-saving and recycling schemes helped reduce the quantity of wastewater by 3.1 percent. Despite the inclusion of 76 further locations, therefore, the total quantity of wastewater only increased by roughly six percent in 2007.



Quantity of waste

The total quantity of waste includes three categories: waste for recycling, waste for disposal, and demolition waste. In 2007, the total quantity of waste was 622600 metric tons, which represents a year-on-year increase of roughly nine percent. The percentage of waste recycled (without demolition waste) rose from 78.5 percent to nearly 80 percent in 2007. Last year, most of the demolition waste was created at the Schwieberdingen and Nuremberg locations in Germany.

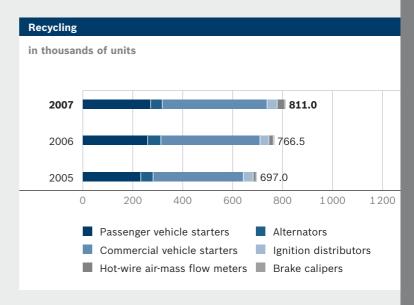


Hazardous waste

As a result of increased production at several sites, the quantity of hazardous waste increased by 10.5 percent in 2007, to 78 700 metric tons. Hazardous waste continues to make up around 12.6 percent of total waste. Most of this hazardous waste is in the form of sludge, emulsion, oil, or dust. We either recycle this or arrange for its disposal.

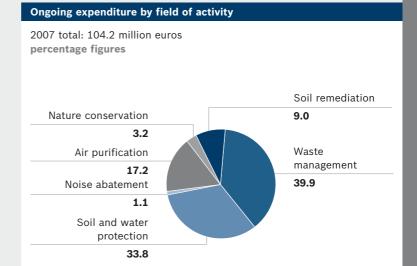
Recycling

In 2007, our Göttingen location in Germany remanufactured 811000 used automobile components. Starters and alternators account for the greatest share of these components. After intensive testing, the remanufactured parts are given the "eXchange" brand seal, which is the same as the comprehensive guarantee for brand new parts.



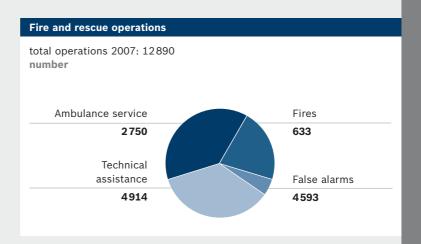
Environmental protection costs and investment

In 2007, ongoing expenditure on environmental protection in the Bosch Group came to some 104.2 million euros. At 70.7 percent, most of this expenditure went into waste management and soil and water protection. Production-related investments totaled just 21.3 million euros. At 74.2 percent, most of this investment went into air purification and soil and water protection.



Fire protection and emergency control

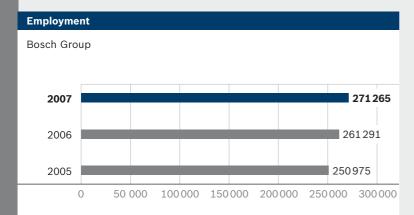
With a total of 12890 deployments, Bosch emergency services were called upon more frequently in 2007 than in 2006 (11856 deployments). The number of fires fell by 5.7 percent to 633. Requests for technical assistance (4914 calls) were the most frequent reason for calls to the fire service. The emergency services were called out on false alarms 4593 times.



Social data

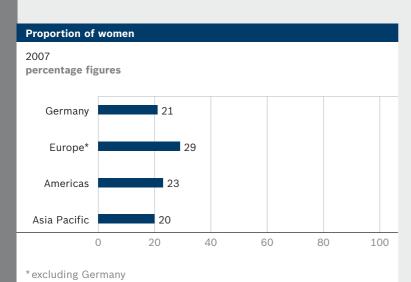
In 2005, Bosch began worldwide reporting of social data. The data recorded outside Germany cover roughly three-quarters of the workforce.

The social data for Germany have been systematically and completely recorded for several years.



Employment

In 2007, the Bosch Group employed over 271000 associates in more than 60 countries, roughly 10000 more than in the previous year. 159000 associates are employed at locations outside Germany. Most of this growth was in Asia Pacific, particularly China, where headcount climbed by 3500, and in central and eastern Europe, where it increased by 2600. In Germany, some 1800 associates joined the company for the first time.

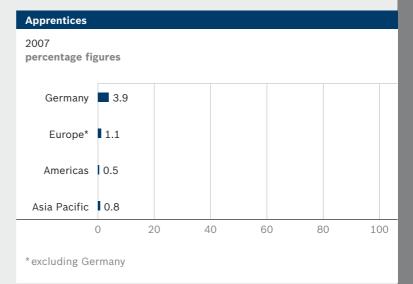


Proportion of women

The proportion of women associates worldwide is around 23 percent. Europe has the highest proportion of women, at roughly 29 percent, while in Asia Pacific the figure is roughly 20 percent. Since the mid 1990's, the board of management has actively supported equal opportunities for women. Women make up seven percent of our associates in management positions. In other words, the share of women in management positions has more than doubled in the past ten years.

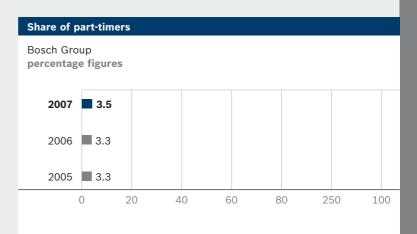
Training

Worldwide, Bosch offers apprenticeships to some 6000 young people, which means that it trains in excess of its own requirements. At the locations outside Germany too, for example in Brazil and the U.S., Bosch has established a training system in line with the highly regarded German dual training system, which combines the acquisition of theory with on-the-job practice. Many apprentices take advantage of the opportunity to take part in our international exchange scheme.



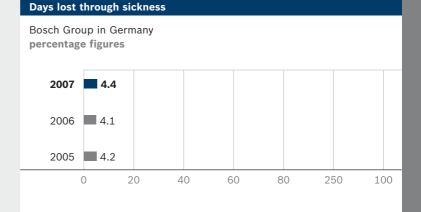
Part-time models

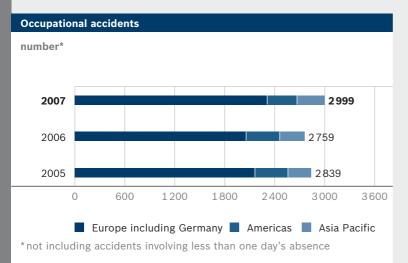
As well as working time models such as flextime, flexible shift work, or telework, Bosch also offers its associates the opportunity to work on a part-time basis. This is open to the majority of associates in the Americas and Europe. Every third female associate of the Bosch Group in Germany currently works part time. This means that seven percent of our associates take advantage of this opportunity.



Days lost through sickness

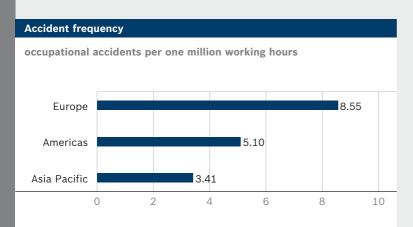
During the period under review, the percentage of days lost through sickness in the Bosch Group in Germany stood at 4.4 percent. Bosch implements many measures to protect the health of its associates worldwide.



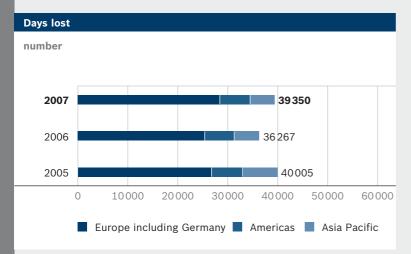


Occupational safety

As a result of the first-time consolidation of 76 locations, the number of occupational accidents causing more than one day of absence increased – from 2759 in 2006 to 2999 in 2007. There were two fatal accidents in 2007. In 2007, we began the introduction of a new occupational safety management system. This makes us one of the forerunners in the global implementation of the OHSAS 18001 standard.



The accident frequency rate declined significantly in the Americas and Asia Pacific, by 1.55 and 0.74 percentage points respectively. In Europe, by contrast, the accident frequency rate rose year on year by 0.14 percentage points.

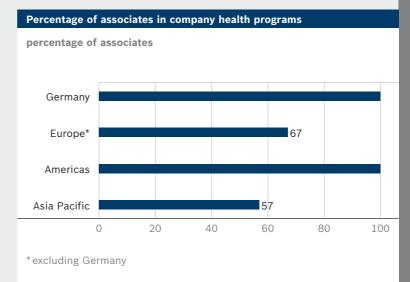


Working days lost

Apart from occupational accidents, the number of days lost as a result of accidents also increased as a result of the first-time consolidation of 76 locations. In 2007, a total of 39,350 days were lost.

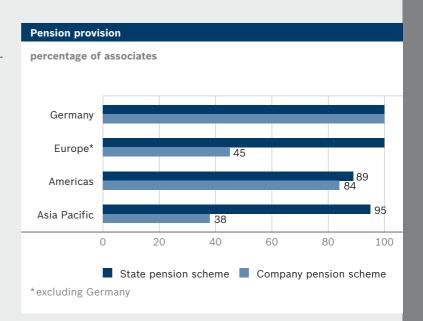
Health management

Our associates at all locations receive training in health protection and in first aid in the event of emergencies. At our locations in Asia in particular, these measures have been intensified in the past few years. Many of our locations have site doctors and their own ambulances, as well as strategies to minimize exposure to hazardous substances.



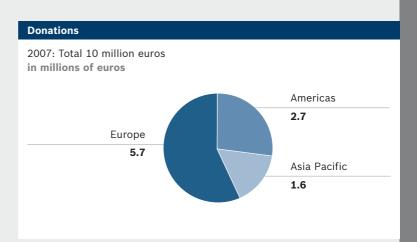
Pension provision

The Bosch Group has continued to develop its company pension scheme for its approximately 110 000 associates in Germany. At the beginning of 2006, the former Capital Benefit Plan and the Bosch pension fund were merged to form the Bosch pension scheme. At a minimum, a state or a company pension is provided for Bosch associates worldwide.



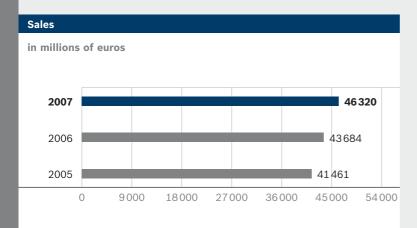
Donations

The Bosch companies and locations are committed to helping out in emergency situations in their immediate environment, and to supporting cultural events and ecological activities financially by making donations in kind or providing personnel resources.



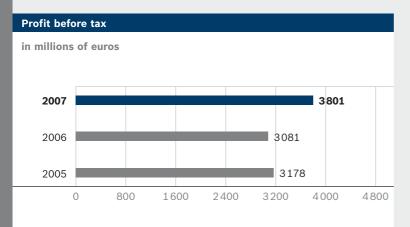
Financial data

Since fiscal 2005, the financial data for the Bosch Group have been reported in accordance with International Financial Reporting Standards (IFRS).



Economic growth

The Bosch Group's sales in 2007 increased to 46.3 billion euros in total. Of this figure, around 75 percent was generated outside Germany. The biggest share of sales derives from Europe (including Germany), accounting for 65 percent, followed by the Americas with 18 percent, and Asia Pacific with 17 percent.

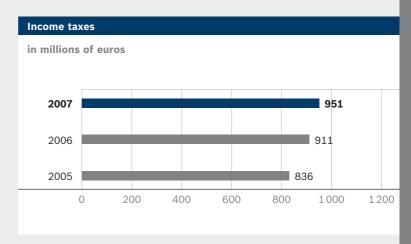


Profit before tax

The Bosch Group's result before taxes (EBIT) was 3.8 billion euros in 2007, compared with 3.1 billion euros in 2006. This was equivalent to a pre-tax return on sales of 8.2 percent, which meant that we reached our target return.

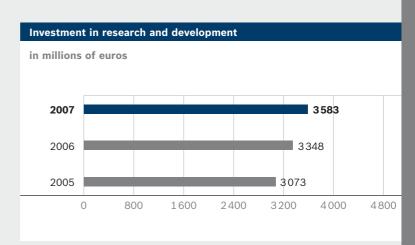
Taxes and subsidies

Income taxes comprise the taxes actually paid or owed in the individual countries plus those deferred taxes that reflect future tax obligations and tax benefits. In 2007, Bosch received state subsidies of 19.7 million euros.



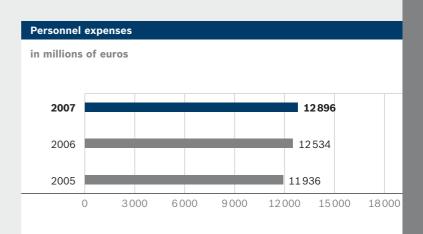
Investment in research and development

During the past year, we invested a total of nearly 3.6 billion euros of sales in research and development. This is for us an all-time record and is equivalent to 7.7 percent of sales.



Personnel expenses

Personnel expenses comprise wages and salaries and expenditure on social security and pension provision.



Sustainability program

| Target | Date | Remarks | Status |
|---|---------|--|----------------|
| Management system | | | |
| Implementation of environmental management system to ISO 14001 | ongoing | Of our 292 manufacturing locations worldwide, 213 have now been certified to ISO 14001. At the locations, the environmental management systems are reviewed internally or externally, according to pre-defined principles. Each new location is granted an adaptation period of four years. | adjusted |
| Integration of environmental protection in preferred supplier concept | 2008 | Preferred suppliers must provide evidence of a certified environmental management system by the end of 2008. | adjusted |
| Design for Environment (DfE) | 2010 | Potential for DfE improvement will be identified systematically as part of a survey of the capability maturity of the environmental management systems. | new |
| Products | | | |
| Contribution to reduction in average automobile CO ₂ emissions by 25 percent | 2008 | New product developments help meet the commitment by ACEA (European Automobile Manufacturers Association) to cut vehicle CO ₂ emissions to an average of 120 g/km. | in progress |
| Reduction in diesel vehicle exhaust emissions | ongoing | By further developing diesel-injection systems and making other improvements to engine operation, Bosch makes a significant contribution to the reduction in emissions. This is complemented by the management of diesel particulate filters and the use of Bosch Denoxtronic to significantly reduce NOx emissions by actively treating the exhaust gas of commercial vehicles. | in progress |
| Contribution to halving the annual number of road deaths in Europe to 25 000 | 2010 | Introduction of driver assistance systems, increase in the number of cars equipped with the Electronic Stability Program (ESP®), and provision of training courses to illustrate the benefits of ESP® | in progress |
| Design for Environment (DfE) | 2010 | Group-wide introduction of a target group-specific DfE training program | new |
| Associates | | | |
| Globally standardized method for recording the qualification requirements of our associates, derived from strategic targets | ongoing | Programs to develop competence are identified for each individual associate. | in progress |
| International education and development program for our executives | ongoing | Selection and development follow globally standardized criteria, taking local/country-specific requirements into consideration. | in progress |

| Target | Date | Remarks | Status |
|--|-----------|--|----------|
| Regular global associate survey every | 2009 | Need for action identified in 2007 associate survey. | adjusted |
| two years | | Necessary programs are derived from this and | |
| | | tackled deliberately on every level of the hierarchy. | |
| Greater share of national executives in | long term | One long-term HR goal for all units of the Bosch | in |
| growth countries | | Group is to have an international pool of managers. | progress |
| | | Most of our executives should be natives of the | |
| | | country in which they work. | |
| Greater equality of opportunity, and | ongoing | In all our areas of business, we actively endeavor | in |
| increase in share of women executives | | to hire and promote qualified women. With various | progress |
| | | schemes, we try to interest young women in | |
| | | particular in technological careers. | |
| Environmental protection in | | | |
| manufacturing | | | |
| Investigate and, if necessary, | 2010 | 410 sites have been classified as potentially | adjusted |
| remedy residual contamination at all | | contaminated by residual pollution. At 90 sites, any | |
| manufacturing sites | | outstanding investigations are carried out accord- | |
| | | ing to a binding milestone plan. Remediation is | |
| | | carried out as required. Each new location is | |
| | | granted a transition period of two years. | |
| Increase in resource efficiency | 2010 | The main developments are presented by means of | adjusted |
| (energy, water, wastewater, and waste) | | a charting tool in the internet. Locations' individual | |
| | | targets still have to be integrated into the tool. | |
| | | | |
| Establishment of an indicator system | 2007 | Environmental database to be extended to include | achieved |
| for eco-controlling, and implementation | | relevant parameters. Implementation of a | |
| of a policy deployment process | | top-down goal agreement process in the company | |
| Implementation of the newly developed | 2007 | Rollout according to fixed milestone plan | achieved |
| fire protection standards as part of | | | |
| emergency control planning | | | |
| Restructuring of emergency control | 2008 | Restructure emergency and crisis management to | new |
| organization | | prepare systematically for dealing with damaging | |
| | | events (business continuity strategies). | |
| Ensure compliance with requirements | 2007 | Review and adjustment of product creation | achieved |
| (customers, legal standards, Bosch reg- | | process | |
| ulations) relating to declaration duties | | | |
| and prohibition of pollutants | | | |
| Reduction of CO ₂ emissions | 2020 | Locations' ${\rm CO_2}$ emissions to be reduced by a total | new |
| | | of at least 20 percent worldwide as a result of | |
| | | measures to improve energy efficiency | |

Report on progress in applying the principles of the Global Compact

Since 2004, the Bosch Group has belonged to the United Nations Global Compact. We support the ten principles of the Global Compact and, in compliance with the Bosch values, use the international network in order to set higher standards in human and workers' rights, as well as in environmental protection and the fight against corruption. The following table provides a survey of the measures and management

systems Bosch uses to apply the ten principles of the Global Compact, as well as of the results we were able to achieve in the reporting period.

In 2007, we focused on expanding our business areas and research in the area of products that protect the environment and conserve resources, as well as on extending our compliance system.

| | Systems | Actions in 2007 |
|--------------------------------|--|--|
| Principle 1: | | |
| Supporting and respecting | Basic Principles of Social Responsibility (p. 21), | Joined Charter of Diversity (p. 51) |
| human rights | Purchasing and Logistics Guidelines (p. 20) | |
| Principle 2: | | |
| No complicity in human | Basic Principles of Social Responsibility (p. 21), | |
| rights abuses | Purchasing and Logistics Guidelines (p. 20) | |
| Principle 3: | | |
| Upholding freedom | Central works council, Europe Committee of | Works council meeting, |
| of association | Works Councils (p. 53) | report of central works council |
| Principle 4: | | |
| Elimination of all forms of | Basic Principles of Social Responsibility (p. 21), | |
| forced and compulsory labor | Purchasing and Logistics Guidelines (p. 20) | |
| Principle 5: | | |
| Abolition of child labor | Basic Principles of Social Responsibility (p. 21), | |
| | Purchasing and Logistics Guidelines (p. 20) | |
| Principle 6: | | |
| Elimination of discrimination | Basic Principles of Social Responsibility (p. 21) | Employment opportunities for the |
| | | disadvantaged (p. 60 / internet) |
| Principle 7: | | |
| Precautionary environmental | Principles of Occupational Safety and Environ- | Certification of locations to ISO 14001, |
| protection | mental Protection, organization of health, | exchange of information about HSE (S. 19) |
| | safety, and environmental protection (p. 19) | |
| Principle 8: | | |
| Initiatives to promote greater | Bosch Sustainability Program | Developing CO ₂ -free sources of energy (p. 27) |
| environmental responsibility | | campaign for clean air in India (p. 28) |
| Principle 9: | | |
| Diffusion of environmentally | Leveraging potential for energy efficiency, more | Diesel campaign, start-stop system, |
| friendly technologies | solar and geothermal energy, investment in | expansion of manufacturing capacity for |
| | wind power (pp. 25/26) | solar collectors and for gearboxes for wind |
| | | turbines (pp. 25/26) |
| Principle 10: | | |
| Work against corruption | Wider compliance organization, establishment | New code of business conduct, |
| | of a compliance committee (pp. 20/21) | mandatory information and training |
| l | | program for all associates (pp. 20/21) |

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Concept and text

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Paper

Scheufelen BVS matt; this paper is certified in accordance with the regulations of the PEFC – program for the endorsement of forest certification schemes.

Additional information about the company can be found in the Annual Report 2007, in the brochure "Bosch today," or in the internet at www.bosch.com csr.bosch.com

The above brochures are also available in German. They can be ordered by email from: bosch@infoscan-sinsheim.de

Cover picture



In Feuerbach near Stuttgart, Germany, Bosch apprentices show children how technology works. The project "Early childhood education and care – new departures in education" was awarded the Education and Training 2007 initiative prize by the Otto Wolff Foundation and the German Chamber of Commerce and Industry (DIHK).

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