



Sustainability  
Report 2010



## Using resources efficiently in the rebound

Georg Fischer emerged strengthened from the economic crisis and capitalized fully on the global economic rebound in 2010. All three Corporate Groups posted double-digit growth and generated a significant operating profit. Sales in 2010 rose by 19 percent to CHF 3.45 billion. In local currencies, the increase was as much as 27 percent. Operating profit, too, was gratifying, with Georg Fischer reporting an EBIT margin of 5.2 percent. This uptrend is also reflected in the sustainability figures for 2010.

**Ecology.** Energy consumption and emissions rose on the whole by about the same percentage as sales in local currencies. Thanks to a raft of efficiency-boosting measures, total energy consumption – a good 6,300 terajoules – rose by only 21 percent, which was six percentage points less than sales. Water consumption and carbon dioxide emissions also rose proportionately less than sales.

The carbon dioxide and air emission data show that energy consumption – mainly in Asia – is shifting towards the use of electricity. Electric power is associated with higher air emissions particularly in the emerging markets.

The appreciable increase in waste subject to landfilling is not due to an increase in the waste produced by the manufacturing plants but to amendments to the laws governing such waste. This led to a major shift in waste classification particularly at two sites in Germany.

**People.** In 2010, headcount rose again by three percent to 12,908 people. In 2009, Georg Fischer made every effort to minimize job cuts affecting highly qualified personnel by introducing short-time work, training leave, use of holiday time and voluntary reductions in working hours. These measures were dropped in 2010 once sales picked up again, and further employees were hired.

In comparison with 2009, the fluctuation rate fell by almost a quarter, from 17 to 13 percent. While fluctuation has fallen, it is still

quite high, which is in particular due to the personnel cuts in 2009, some of which continued into 2010.

Investment on professional training of staff jumped back up to the 2008 level remarkably fast. 67 percent of employees participated in a training course outside their normal working environment in 2010 – that's almost a third more than the previous year. These employees invested some 25,500 working days in their training. In addition, employees participated in short-term training at the workplace, though this is not recorded separately.

The certification of all production plants to the occupational safety and health management system OHSAS 18001 continued in 2010. Ten large sites were certified for the first time, bringing the number to 21 of a total of 38 sites.

As part of its Corporate Social Responsibility efforts, Georg Fischer – through its Clean Water Foundation – contributes to providing clean drinking water for people in a number of countries. To date, the Foundation has donated six million Swiss francs to more than 80 projects in 40 countries, including India, Kenya and Ecuador in 2010.

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GF publishes a full sustainability report every two years. The last such report was published for 2009 and can be ordered from the company or read on the GF website.

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## FINANCIAL KEY FIGURES

Georg Fischer reports financial data in detail in its 2010 Annual Report. The report can be downloaded from [www.georgfischer.com](http://www.georgfischer.com). Alternatively hardcopy versions are available to order.

## ENVIRONMENTAL PERFORMANCE INDICATORS

	Unit	2007	2008	2009	2010
<b>Energy</b>					
Total energy consumption	1 000 GJ	6 979	6 870	5 213	6 325
- Electricity	1 000 GJ	2 683	2 775	2 193	2 760
- Natural gas	1 000 GJ	1 456	1 588	1 329	1 475
- Coke/coal	1 000 GJ	2 597	2 245	1 437	1 864
- Oil	1 000 GJ	208	207	225	210
- Other energy sources	1 000 GJ	35	55	29	16
<b>Air emissions</b>					
Nitrogen oxides (NO <sub>x</sub> )	1 000 metric tonnes	1.24	1.21	0.93	1.21
Sulphur oxides (SO <sub>x</sub> )	1 000 metric tonnes	2.71	2.59	1.91	2.45
Methane (CH <sub>4</sub> )	1 000 metric tonnes	0.70	0.75	0.64	0.83
Volatile organic compounds (VOC)	1 000 metric tonnes	0.20	0.19	0.14	0.19
- VOC from production processes	1 000 metric tonnes	0.10	0.09	0.07	0.10
<b>CO<sub>2</sub> emissions</b>					
Total CO <sub>2</sub> emissions	1 000 metric tonnes	698	689	533	668
- direct emissions: energy consumption	1 000 metric tonnes	334	310	221	265
- direct emissions: processes	1 000 metric tonnes	3	0	0	0
- indirect emissions: electricity and district heating	1 000 metric tonnes	353	371	305	395
- indirect emissions: business travel	1 000 metric tonnes	8	8	6	8
<b>Water and wastewater</b>					
Total water consumption	1 000 m <sup>3</sup>	2 603	2 812	2 286	2 779
- drinking water from public supply	1 000 m <sup>3</sup>	510	565	463	533
- cooling/industrial water from own supply	1 000 m <sup>3</sup>	2 093	2 247	1 822	2 246
Wastewater volume	1 000 m <sup>3</sup>	861	879	787	888
<b>Waste and recycling</b>					
Normal waste, recycling	1 000 metric tonnes	322	292	183	233
Normal waste, landfill or incineration	1 000 metric tonnes	44	37	36	67
Hazardous waste	1 000 metric tonnes	26	27	14	21
- Hazardous waste to recycling	1 000 metric tonnes	18	15	9	8
<b>Monetary values</b>					
Expenditure on environmental protection	CHF million	31	26	12	15
Energy costs	CHF million	170	216	120	138
Water and wastewater costs	CHF million	5	4	3	4
Waste disposal costs and recycling credits	CHF million	-3	6	6	4

The environmental key figures include all Georg Fischer production companies.

## SOCIAL PERFORMANCE INDICATORS

	Unit	2007	2008	2009	2010
<b>Employees</b>					
Headcount	Number	12 986	14 326	12 481	12 908
Part-time employees	Number	313	311	291	303
	Percentage	2.4	2.3	2.3	2.3
Female employees	Number	1 916	2 073	1 885	2 016
	Percentage	14.8	15.1	15.1	15.2
Women on management boards	Number	66	62	62	64
	Percentage of all members of management boards	10.7	10	10.4	10.4
Employees with disabilities	Number	245	278	271	239
	Percentage	1.9	2.0	2.2	1.8
Departures, total	Number	1 071	1 515	2 229	1 686
Departures for controllable reasons	Number	369	558	370	370
Employee fluctuation, total	Percentage	8.5	11.2	16.9	13.1
Employee fluctuation, controllable	Percentage	2.9	4.1	2.8	2.9
Employee surveys	Number of employees surveyed	7 400	5 000	2 800	5 200
	Number of companies	55	34	29	40
Incidents of discrimination	Number	2	5	4	0
<b>Training and professional development</b>					
Employees participating in off-the-job training	Number	8 400	8 900	6 700	8 600
	Percentage	66	66	51	67
Off-the-job training days	Number	30 000	26 100	23 300	25 500
	Days per employee	2.4	1.9	1.8	2.0
Student interns	Number	175	129	109	156
Apprentices	Number	446	483	487	468
<b>Health and safety</b>					
Work-related accidents involving injury	Number	921	988	725	765
Accident rate	Accidents per 1 000 employees	73	73	55	60
Fatalities, work-related	Number	0	1	0	0
Absence days due to work-related accidents or illness	Number	10 300	11 000	10 800	11 900
	Percentage of total working days	0.36	0.36	0.37	0.39
Absence days, work-related and non-work-related	Number	133 000	141 000	138 000	140 000
	Percentage of total working days	4.6	4.6	4.7	4.6
<b>Community</b>					
Order volume from workshops employing disabled people	CHF million	2.7	2.4	2.0	2.6
Charitable donations	CHF million	2.4	2.7	1.6	1.7

The social key figures include all Georg Fischer companies with ten or more employees.  
Full details of the scope of validity can be found on pages 10 to 12 and 63 of the 2009 sustainability report.