

The logo for rotork, featuring the word "rotork" in a bold, red, lowercase sans-serif font. A registered trademark symbol (®) is positioned at the top right of the letter "k".

rotork[®]

ENVIRONMENTAL REPORT


Presenting 2008 performance data




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Data audited by:	Sally Tonkin, Environment Consultant, Resource Futures, Bristol, England

Rotork Environmental Report 2009

The performance data in this year's report covers the period from 1st January to 31st December 2008. The data reported herein has been gathered from Rotork Subsidiary Sales Offices, Service and Warehouse facilities and Manufacturing Plants worldwide. This year's report includes data from two new companies in the Rotork Group. The number of Rotork's companies reporting their environmental performance data is now 35.

This report presents quantitative data on our environmental impacts in relation to our operations for 2008 and, compares with historical information dating back to 2003. The data covers the direct consumption of energy and water, carbon emissions to air through the use of energy, the generation of waste and the recycling of waste. Information and data regarding supply chain, transportation and travel is not included in the data presented in this report.

The process to collate, convert and analyse data is documented in our EMS procedure SP14.04 Monitor and Measurement. SP14.04 was independently reviewed against the latest available guidance on Greenhouse Gas Reporting issued by DEFRA June 2008. The guidelines updated the conversion factors for KWh of natural gas, LPG, various fuel oil to kgs CO₂ emissions. SP14.04 was revised to reflect these updates and is now at issue 3.

The data supplied by the reporting subsidiaries was independently reviewed as was the process of transcribing the data into a spreadsheet from which the tables and graphs in this report were taken. The data presented in this report gives, as far as reasonably practical, an accurate reflection of the Company's environmental performance.

EXECUTIVE SUMMARY

2008 Environmental Performance

The number of Rotork companies reporting environmental performance data has increased from 32 to 35. For the first time performance data from our factories in Falun, Kaarst & Providence is included.

Waste (includes packaging, product, process general waste)

- Waste generation increase 2% in 2008.
- Compared against the same number of Rotork companies reporting in 2007, waste generation was down 8%.
- The additional sites contributed 10% of total waste generated.
- Six Rotork companies Rochester (285t), Leeds (272t), Bath (269t), Losser (181t), Lucca (169t), Falun (150t) and Mississauga (101t) accounted for 73% of total waste generated.

Recycling (Group KPI, target 75% of total waste generated, currently stands at 64%)

- Recycling increased 12% in 2008.
- Compared against 2007 recycling increased less than 1%.
- The additional sites contributed 12% of total waste recycled.
- Performance of largest waste producers Rochester 15% (WIP in improve), Leeds 57% (Recycling system installed July 2008), Bath 74%, Losser 86%, Lucca 100%, Falun 89% and Mississauga 60%.

Energy (Includes electricity, gas, LPG and wooden pellets)

- Combined energy consumed increased 27% in 2008.
- When compared against 2007 data energy consumption increased 10%.
- The three new subsidiaries in 2008 accounted for 11% of total energy consumed.

CO₂ Emissions (From the use of electricity, gas, LPG and wooden pellets)

- Combined CO₂ emissions increased 23% in 2008.
- Compared against 2007 emissions increased 9.6%.
- The additional sites in 2008 accounted for 10.2% of total emissions.

Water Consumption & Emissions to Water

- Water consumption decrease 10% in 2008.
- When compared against 2007 data water consumption decreased 13%.
- The three new subsidiaries for 2008 accounted for 4% of total water consumed.
- Emission to water are based on water consumption, no process is operated where contaminated water is discharged.

ENVIRONMENT MANAGEMENT SYSTEM

The Rotork Environmental Policy is available on the Company web site www.rotork.com. The principle commitments are to:

- Meet or exceed legislation and other requirements in any country that we operate.
- Continually improve our environment performance
- Monitor, review and report our environmental performance
- Promote local accountability for the implementation and adherence to Rotork policies
- Work with our suppliers and contractor to reduce our shared environmental impacts.

The environmental systems in place have been established to reduce our impacts. Rotork's overall aspects and impact assessment has identified waste as our main environmental impact and we have introduced steps to reduce this impact. In 2006 Rotork established recycling as a Group KPI a target of 75% recycling of total waste generated by 2010 was set. In 2006 this figure stood at 38% for 2008 reached 64% (See page 7 of this report).

In addition to the above each site is expected to complete an aspect and impacts assessment of its operations and introduce measures to reduce any impact that falls outside the control measures already in place.

Rotork use ResourceFutures as third party auditors of our systems and the performance data presented in this report.

Rotork subscribe to the Environmental Legislation Update Service ELUS, which is apart of Groundwork Blackburn Trading Ltd.

CORPORATE SOCIAL RESPONSIBILITY

Legal

Rotork is committed to complying with Health and Safety and Environmental Legislation wherever we operate. All Rotork's Subsidiaries are audited to a schedule and against checklists complied to ensure legal compliance and that minimum standards as set by the Group for Health, Safety and Environmental issues are being followed or acted upon.

As in previous years, there have been no prosecutions or improvement notices issued against Rotork.

In accordance with the Producer Obligation (Packaging Waste) Regulations, Rotork has been a member of Recycle 1st Compliance Scheme since 2004.

FTSE4Good

The FTSE4Good is the SRI Index Series designed by the global index provider FTSE. Its selection criteria cover three main areas:

- Working towards environmental sustainability
- Developing positive relationships with stakeholders
- Upholding and supporting universal human rights

As a FTSE company listed in the FTSE4Good Index, Rotork is committed to the principles laid down for subscribers.

WASTE GENERATION



WASTE GENERATION

This section covers the total waste generated and includes hazardous waste.

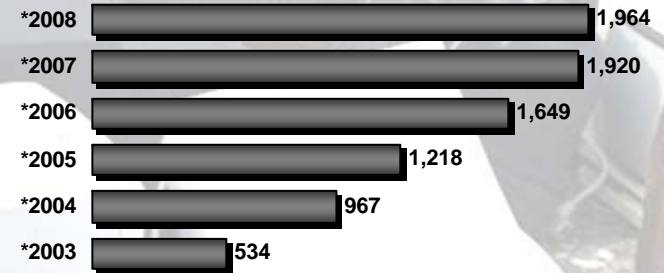
Highlights: Overall increase of 2%, however there was a 13% reduction in waste generation per employee, 25% reduction per £M of turnover.

The figures include performance data from three Rotork sites (Falun, Kaarst & Providence) reporting data for the first time. These three sites account for 10% of total waste generated.

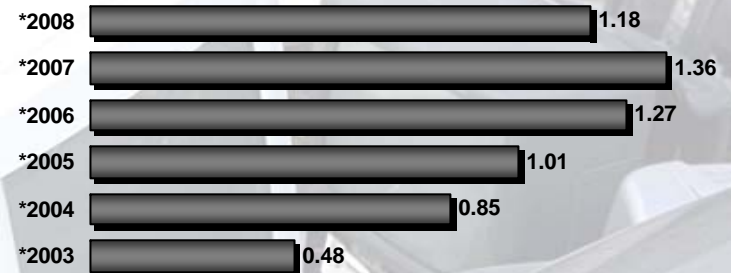
Salvage of waste put out for collection still take place in some of the countries that we operate in. Estimations put this at less than 0.5% of total waste recorded. All manufacturing sites returned waste data.

Year	Waste Generation					
	Total (Tonnes)	Movement	Tonnes per employee	Movement	Tonnes per £M of Turnover	Movement
2008	1,964	2%	1.18	-13%	6.14	-25%
2007	1,920	16%	1.36	7%	8.17	3%
2006	1,649	35%	1.27	25%	7.97	15%
2005	1,218	26%	1.01	19%	6.92	5%
2004	967	81%	0.85	77%	6.58	68%
2003	534		0.48		3.93	

Waste Generation (Tonnes)



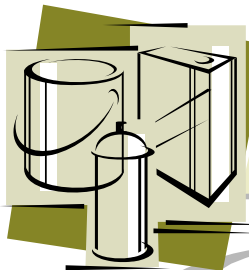
Waste Generation (Tonnes) per Employee



Waste Generation (Tonnes) per £M of Turnover



HAZARDOUS WASTE



HAZARDOUS WASTE

This section covers hazardous waste only.

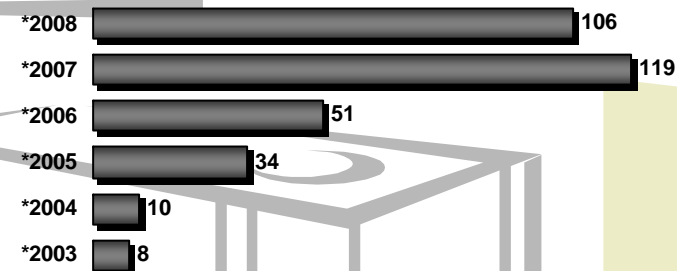
Highlights: Overall 11% reduction, resulting in a 24% reduction per employee, and a 35% reduction per £M of turnover.

The reduction in hazardous waste generation includes performance data from the Rotork sites in Falun, Kaarst & Providence, reporting data for the first time. These additional sites accounted for 15% of the total recorded for hazardous waste in 2008.

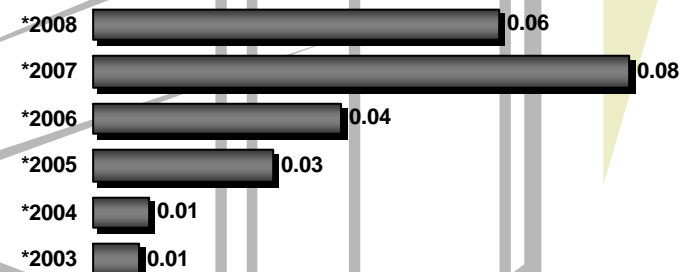
Hazardous waste comes from servicing of the product (Oil), paint process (Paint booth sludge, empty paint tins and obsolete paint) and machining operations (cutting fluids).

Year	Hazardous Waste					
	Total (Tonnes)	Movement	Tonnes per employee	Movement	Tonnes per £M of Turnover	Movement
2008	106	-11%	0.06	-24%	0.33	-35%
2007	119	133%	0.08	115%	0.51	106%
2006	51	50%	0.04	39%	0.25	28%
2005	34	240%	0.03	221%	0.19	184%
2004	10	25%	0.01	22%	0.07	16%
2003	8		0.01		0.06	

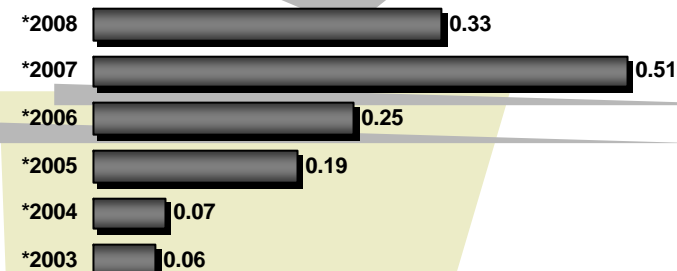
Hazardous Waste Generation (Tonnes)



Hazardous Waste (Tonnes) per Employee



Hazardous Waste (Tonnes) per £M of Turnover



RECYCLING



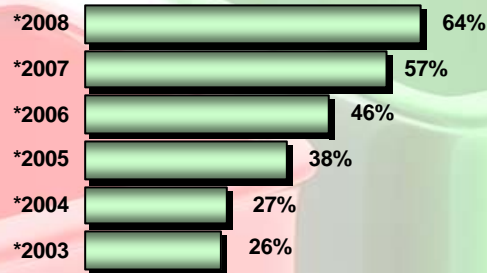
RECYCLING

This section covers all forms of waste that is recycled or reused.

Highlights: Overall a 12% increase, however a 3% reduction per employee, 19% reduction per £M of turnover.

Recycling is a Group KPI. The target is to recycle 75% of total waste generated by 2010.

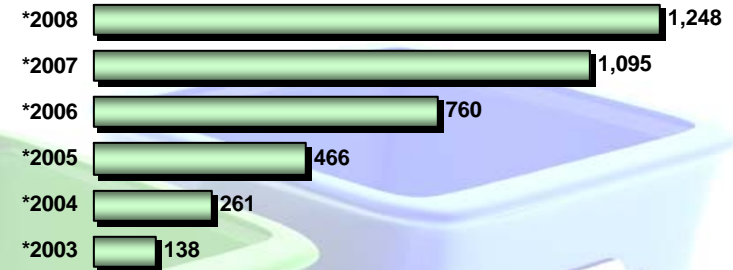
The graphs on the left shows the progress that is being made on this KPI.



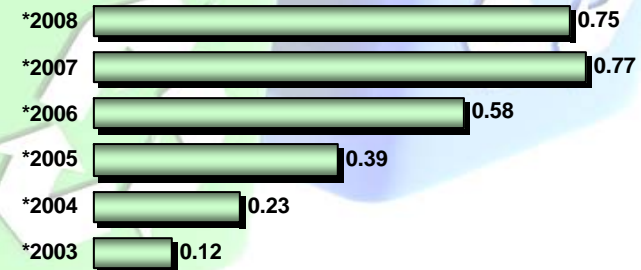
Some North American sites have returned low recycling performances. This is being addressed and data for 2009 should show an improvement.

Year	Waste Recycling					
	Total (Tonnes)	Movement	Tonnes per employee	Movement	Tonnes per £M of Turnover	Movement
2008	1,248	12%	0.75	-3%	3.90	-19%
2007	1,095	31%	0.77	33%	4.66	27%
2006	760	39%	0.58	51%	3.67	39%
2005	466	44%	0.39	69%	2.65	49%
2004	261	47%	0.23	85%	1.78	75%
2003	138		0.12		1.01	

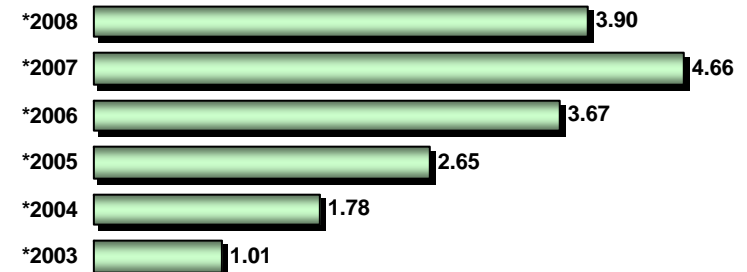
Waste Recycled (Tonnes)



Waste Recycled (Tonnes) per Employee



Waste Recycled (Tonnes) per £M of Turnover





ENERGY

This section covers the consumption of Electric, Gas, LPG, Oil and DHC.

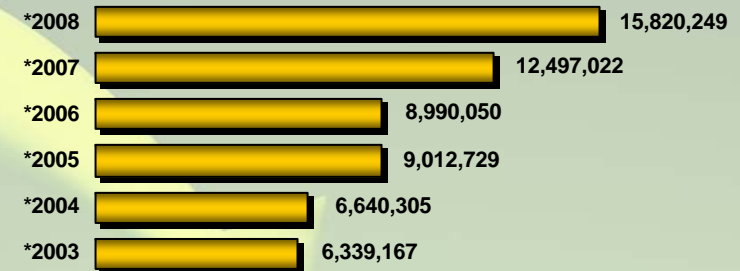
Highlights: 27% increase in overall consumption, 8% increase per employee but a 7% reduction against turnover.

Rotork's energy consumption again increased with increased output, however when measured against turnover showed a 7% reduction. The figures include performance data from three Rotork sites in Falun, Kaarst & Providence, reporting data for the first time. These three sites accounted for 11% of the total energy used.

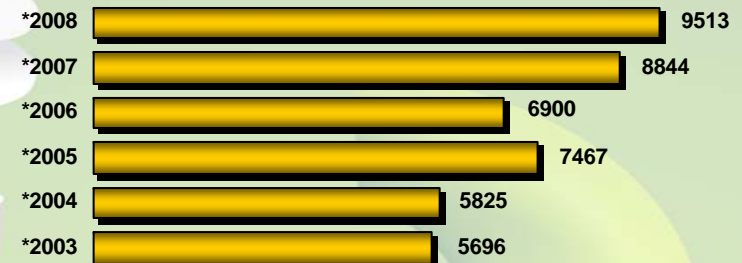
Anomalies: The majority of electricity and gas invoices from the Leeds site were based on estimated readings.

Auditors' comments: It was very positive to note that this year, reporting subsidiaries were asked to supply energy utility invoices. This however highlighted language difficulties in interpreting the data on some invoices.

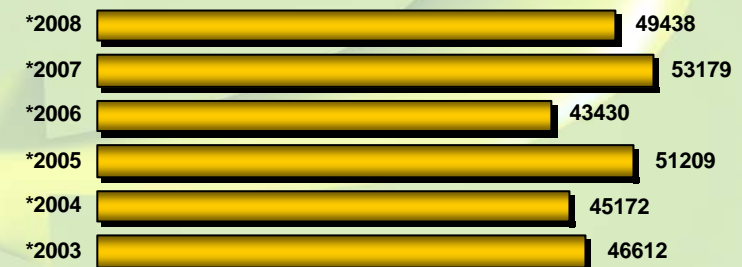
Kwh of Energy Consummed



Kwh's Consummed per Employee



Kwh Consummed per £M of Turnover



Energy Consumption

Year	Total (Kwh)		Kwh per employee	Movement	Kwh per £M of Turnover	Movement
2008	15,820,249	27%	9513	8%	49438	-7%
2007	12,497,022	39%	8844	28%	53179	22%
2006	8,990,050	0%	6900	-8%	43430	-15%
2005	9,012,729	36%	7467	28%	51209	13%
2004	6,640,305	5%	5825	2%	45172	-3%
2003	6,339,167		5696		46612	

CARBON EMISSIONS



CARBON EMISSIONS

This section covers CO₂ emission through direct use of energy. No transport-related emissions are included.

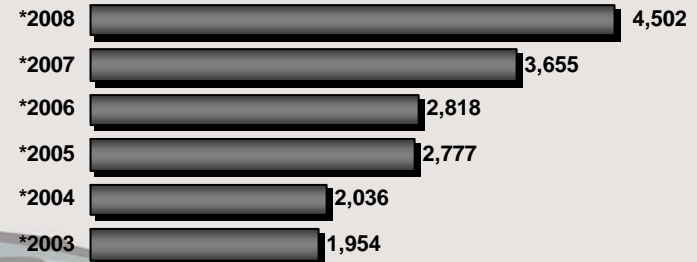
Highlights: 23% increase in emissions to air, 5% increase per employee, however 10% reduction against turnover.

Rotork's carbon emissions to air also increased due to increasing output, however when measured against turnover showed an 8% reduction. These figures include performance data from three Rotork sites in Falun, Kaarst & Providence, reporting data for the first time.

New conversion factor guidelines published June 2008 were used for converting KWh of natural gas, LPG, Oil to Kgs of CO₂.

Anomalies: DHC, no quantified conversion factor available. Factor that we used was provided by supplier of wooden pellet fuel.

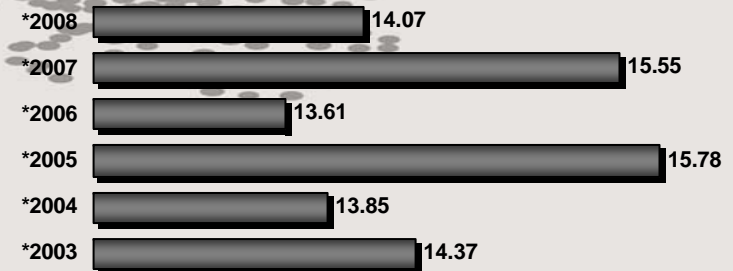
CO₂ Emissions (Tonnes)



CO₂ Emissions (Tonnes) per Employee



CO₂ Emissions (Tonnes) per £M of Turnover



Year	CO ₂ Emissions					
	Total (Tonnes)	Movement	Tonnes per employee	Movement	Tonnes per £M of Turnover	Movement
2008	4,502	23%	2.71	5%	14.07	-10%
2007	3,655	30%	2.59	20%	15.55	14%
2006	2,818	1%	2.16	-6%	13.61	-14%
2005	2,777	36%	2.30	29%	15.78	14%
2004	2,036	4%	1.79	2%	13.85	-4%
2003	1,954		1.76		14.37	



WATER CONSUMPTION

Highlights: 10% reduction in overall consumption, 24% reduction of usage per employee and 34% reduction against turnover.

Every effort has been made to obtain data on water usage, however where Rotork have shared use of a premise with other tenants, only the total usage for the site was supplied.

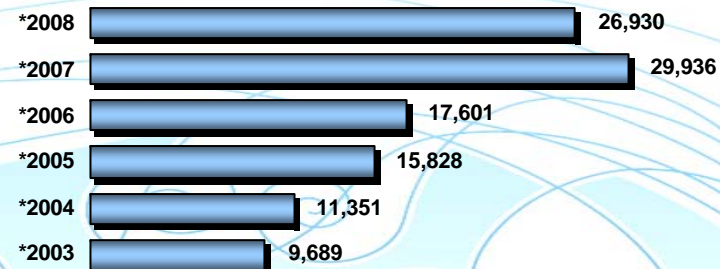
This affected two smaller sites in Mississauga and Petaluma. Estimates have been made from the total usage of both sites as supplied by the landlord of each location. Our site in Calgary returned no data.

All supplies of water included in this report are metered.

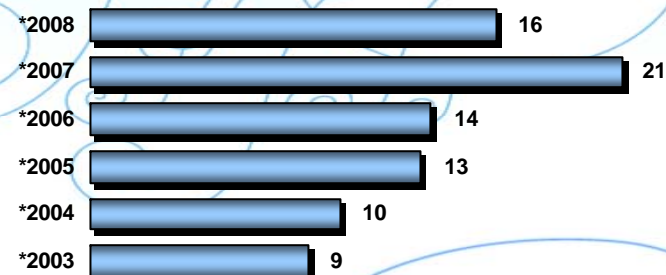
All manufacturing sites returned water data.

Year	Water Consumption					
	Total (Cubic Meters)	Movement	Cubic meters per employee	Movement	Cubic meters per £M of Turnover	Movement
2008	26,930	-10%	16	-24%	84	-34%
2007	29,936	70%	21	57%	127	50%
2006	17,601	11%	14	3%	85	-5%
2005	15,828	39%	13	32%	90	16%
2004	11,351	17%	10	14%	77	8%
2003	9,689		9		71	

Water Consumption (Cubic Meters)



Consumption (Cubic Meters) per Employee



Water Consumption (Cubic Meters) per £M of Turnover



EMISSIONS TO WATER



EMISSIONS TO WATER

Highlight:

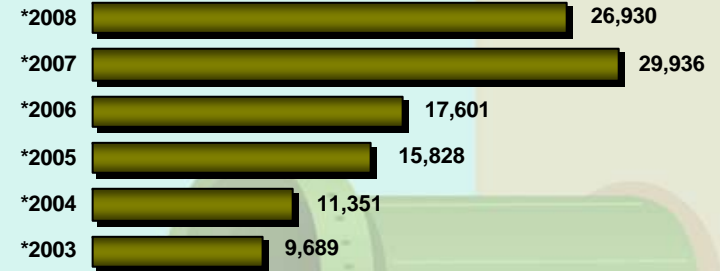
- Cubic meters of water to sewage decreased 10%,
- Cubic meters of sewage per employee decreased 24%
- Cubic meters of sewage against turnover decreased 34%.

Rotork do not operate processes which discharge contaminated fluids into water. Approximately 230 cubic meters of water is used per year for pressure testing castings. No additives or contaminants are added to the water used in pressure testing. As a matter of due diligence, a letter of acknowledgement from Environment Agency which clarifies that a discharge license is not required.

Rotork assumed that for every cubic meter of water supplied there is a cubic meter of sewage, therefore Rotork's emissions to water was 26,930 cubic meters in 2008.

Year	Water Consumption					
	Total (Cubic Meters)	Movement	Cubic meters per employee	Movement	Cubic meters per £M of Turnover	Movement
2008	26,930	-10%	16	-24%	84	-34%
2007	29,936	70%	21	57%	127	50%
2006	17,601	11%	14	3%	85	-5%
2005	15,828	39%	13	32%	90	16%
2004	11,351	17%	10	14%	77	8%
2003	9,689		9		71	

Water to Sewage (Cubic Meters)



Water to Sewage (Cubic Meters) per Employee



Water to Sewage (Cubic Meters) per £M of Turnover

