

# Environmental Indicators

Environmental data of the impact of the group's worldwide operations. Based on sites meeting criteria of significance in terms of environmental impact (number of employees, water and electricity consumption, waste production, etc.). Environmental reporting for 2009 takes into account sites of new acquisitions made by the group during the year (with the exception of GVT) which meet threshold criteria.

Indicators identified by the sign ✓ have been specifically verified by Salustro Reydel, a member of KPMG International, one of Vivendi's Auditors.

	NRE Act	GRI G3	Group			
			2009 Data		2008 Data	
Water consumption (in thousands of cubic meters)	□	EN 9	636.9		497.9	
Electricity consumption (in millions of kilowatt hours)	□	EN 3	848		666	
Use of renewable energy sources (in thousands of megawatts)		EN 4	5.19		2.71	
CO <sub>2</sub> emissions (in millions of kilograms)	□	EN 16 EN 17	248		208,7	
Breakdown of CO <sub>2</sub> emissions (in millions of kilograms) by source	□	EN 16 EN 18	Electricity Natural gas Heating oil Steam Fuels	88.80% 1.29% 0.04% 0.04% 9.82%	90.90% 1.04% 0.03% 0.02% 8.01%	
CO <sub>2</sub> emissions associated with business-related travel, by type of transportation (in tons of CO <sub>2</sub> )	□	EN 16 EN 18	6,857 Rail: 6% Air: 94%		8,614 Rail: 19.1% Air: 80.9%	
Natural gas consumption (in millions of kilowatt hours)	□	EN 3	13.59		9.26	
Fuel consumption (in liters)	□	EN 3	108,482		81,255	
Waste production (in tons) and breakdown by type of waste:	□	EN 22	3,770		2,205	
Hazardous and special waste (in tons)		EN 22	34	1%	186.8	8.4%
Non-hazardous waste (in tons)		EN 22	3,384	90%	1,842.6	83.6%
Waste electrical and electronic equipment (in tons)		EN 22	353	9%	175.6	8%
Measures taken to limit damage to the biological stability, to the environment and to protected wildlife and plant species	□	EN 14	Vivendi's activities have little direct impact on the biological equilibrium, the and employs rigorous planning in construction projects to reduce water and energy SFR continues with its program to integrate its antennas into the surrounding			
Environment assessment or certification processes undertaken in the area of environment	□	EN 3	Evaluation of conformity to environmental standards at 10 new group sites		Evaluation of conformity to environmental standards at 10 new group sites	

														Business units' 2009 Data and comments													
2007 Data		Activision Blizzard		UMG		SFR		Maroc Telecom		Canal+		Corporate															
528.4		✓ 55.8	8.8%	✓ 100.9	15.8%	90,8	14.3%	328.2	51.2%	✓ 45.7	7.2%	15.5	2.4%														
610		✓ 33.1	3.9%	✓ 23	2.7%	547	64.6%	198.1	23.4%	✓ 42.3	5%	4	0.5%														
1.88		In 2009, this data includes six UMG sites and nine Activision Blizzard sites located in the United States. In 2008 and 2007, the data includes three UMG sites and four Activision Blizzard sites (Vivendi Games in 2007) located in United States.																									
165,5		19.1	7.7%	12.3	5%	58.8	23.7%	148.4	59.8%	9	3.6%	0.7	0.3%														
90.22% 0.66% 0.28% 0.05% 8.77%																											
971 (Scope: Paris and New York headquarters)		68		2,173		3,673		35		300		608															
4.68		✓ 9.14		✓ 4.15		0.08		0 <sup>(2)</sup>		✓ 0.22		0 <sup>(1)</sup>															
69,943		✓ 2,694		✓ 4,236		93		0 <sup>(2)</sup>		✓ 7,622		930															
2,706.9		401.4	10.6%	1014.8	26.9%	1161.9	31%	560.9	14.9%	552.5	14.7%	79.2	2.1%														
302.9	11%	1	3%	2	6%	0	-	28	82%	3	9%	0	-														
1,911.9	71%	397	12%	1,006	30%	832	25%	526	16%	544	16%	79	2%														
492.1	18%	4	1%	7	2%	330	93%	6	2%	6	2%	0	-														

environment and protected animal and plant species. Vivendi has developed and implemented guidelines for improving the integration of its sites with the surrounding environment consumption of its facilities. A number of group facilities have been recognized under various programs, including the U.S. EnergyStar program, for their energy efficiency. In France, environment.

Evaluation of conformity to environmental standards at 9 new group sites	"2 Activision Blizzard sites evaluated in compliance with the environmental, health and safety standards  Activision Blizzard Birmingham, United Kingdom facility obtained ISO 14001 certification	2 UMG sites evaluated in compliance with the environmental, health and safety standards	2 SFR sites evaluated in compliance with the environmental, health and safety standards  Certification ISO 14001 for the management of mobile telecommunication activities (maintenance activities and development of strategic sites and relay antennas) as well as operating activities and maintenance of main service related sites	2 Maroc Telecom sites evaluated in compliance with the environmental, health and safety standards	2 Canal+ sites evaluated in compliance with the environmental, health and safety standards	Paris headquarters obtained EMAS and ISO 14001 certification
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# Environmental Indicators (next)

	Loi NRE	GRI G3	Group	
			2009 Data	2008 Data
Measures taken to ensure compliance of activities to applicable legislative and regulatory requirements	□		See section 2.4 of the separate document Sociographics - <i>Environmental Policy</i> - 2009 page 26	See section 2.4 of the separate document Sociographics - <i>Environmental Policy</i> - 2008 page 30
Expenditures for prevention of environmental impacts	□	EN 30	1 million euros	1.12 million euros
Existence within the company of internal environmental management staff, training and information on environmental issues for employees, resources devoted to the reduction of environmental risks and a procedure to manage accidents involving pollution which have a consequence outside the company.	□		Corporate - Paris headquarters and New York office: 1 Business units: 8	Corporate - Paris headquarters and New York office: 1 Business units: 8
Number of employees trained in and made aware of environmental good practices			484	171
Amount of environmental risk provisions and guarantees	□		No Vivendi site or company booked provisions or guarantees for environment-related risks in the last three years	
Amount of compensation paid during the financial year arising from a court ruling relating to environmental matters and the actions undertaken to repair environmental damages	□	EN 28	In 2009, no Vivendi site or business unit received a notification from regulatory agencies alleging non-compliance with environmental, health or safety requirements. Vivendi did not pay any fines or penalties to resolve any allegations of non-compliance in 2009.	In 2008, Vivendi received three non-significant notifications from regulatory entities alleging non-compliance with environmental, health and safety requirements. For settlement of these cases, Vivendi paid fines totaling an amount of less than 7,000 euros.
Health and mobile telephony		IO 4 PA 9	Vivendi's policy regarding health and mobile telephony (see page 65) SFR also supports research on the effects of radiofrequencies on health via the Radio Waves and Health Foundation (730 K€ in 5 years).	

(1) Vivendi headquarters (Paris and New York's office) do not use natural gaz.

(2) Maroc Telecom's sites did not consume any fuel or natural gaz in 2009.

		Business units' 2009 Data and comments					
	2007 Data	Activision Blizzard	UMG	SFR	Maroc Telecom	Canal+	Corporate
	See section 2.4 of the separate document Sociographics - <i>Environmental Policy</i> - 2007 p.62						
	0.96 million euros						
	Corporate - Paris headquarters and New York office: 1 Business units: 6						
	-	76	94	254	27	-	33
	In 2007, Vivendi received two non-significant notifications from regulatory entities alleging non-compliance with environmental, health, and safety requirements at its business sites. For settlement of these cases, Vivendi paid fines totaling an amount of less than 1,750 euros.						