

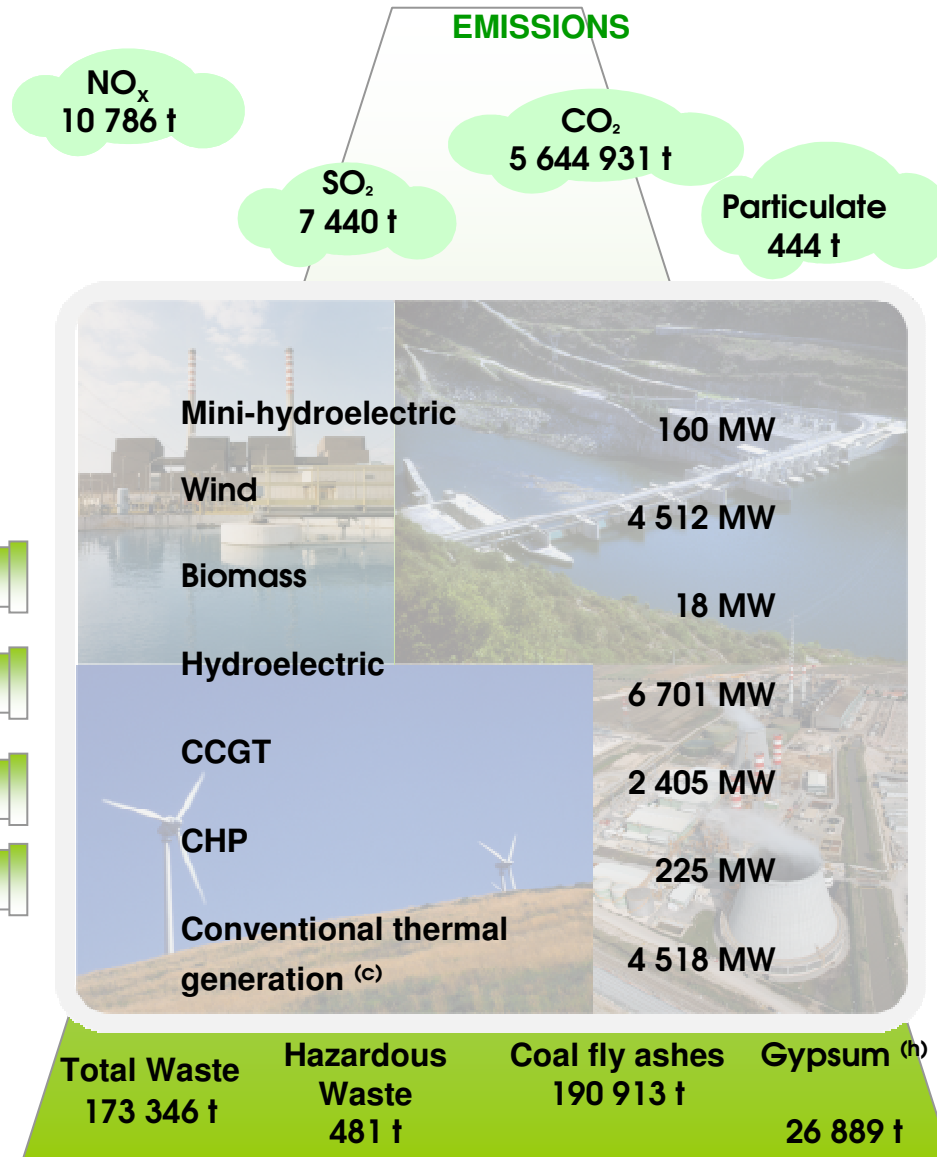


Sustainability  
Report  
3 Months 2009  
7 May

# Summary of indicators



3M 2009



Water (456 177 10<sup>3</sup>m<sup>3</sup>)

Natural Gas(12 482 TJ)

Coal (29 724 TJ)

Fuel oil (2 879 TJ)

**Gross Electricity Generation<sup>(b)</sup>**  
16 228 GWh

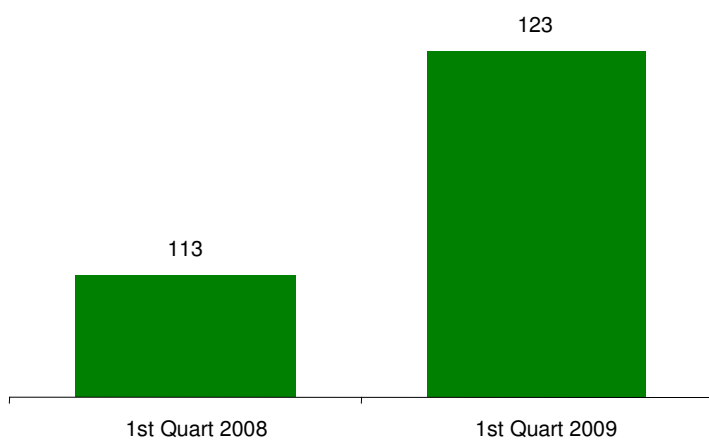
**Gross Renewable Generation**  
8 585 GWh

**Net Electricity Generation<sup>(c)</sup>**  
15 178 GWh

**Electricity supplied by the distribution network**  
19 234 GWh

**Supply of electricity**  
5 695 GWh

Base Sustainability Index 100:2006



## Main factors

1st. Quarter08 1st. Quarter09

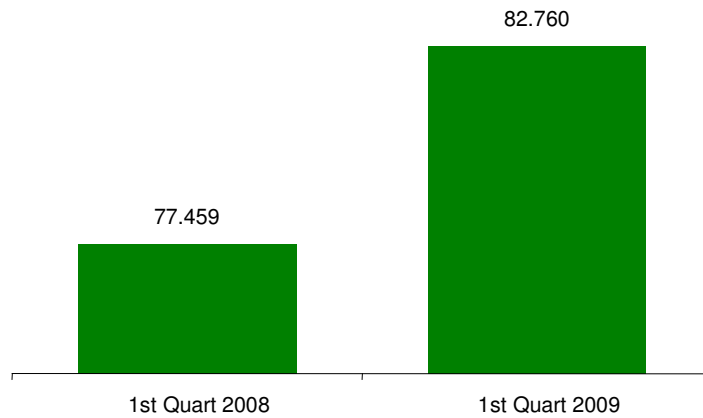
• Profitability per share €	0,072	0,073
• <u>CAPEX in renewables/Total CAPEX (%)</u>	<u>66%</u>	<u>81%</u>
• CO <sub>2</sub> specific emissions (g CO <sub>2</sub> /kWh)	399	348
• <u>Waste specific emissions/kWh)</u>	<u>15,2</u>	<u>10,7</u>
• Installed Capacity Equivalent Interruption Time (min.)	53	129
• Gravity index (Gi)	212	149

3M 2009

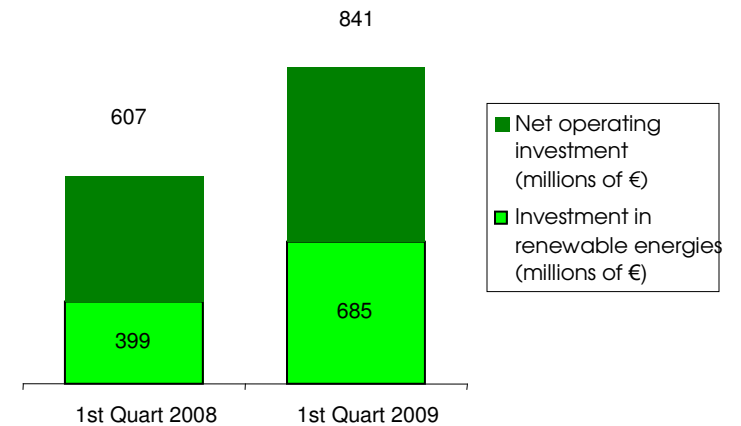
Economic Indicators	3M2008	3M2009	Variation 09/08 v.h	Goal for 2009
GVA per employee(€)	77 459	82 760	6,8%	334 121
Turnover (millions of euros)	3 532	3 233	-8,4%	14 000
Energy Service Billing (thousands of euros)	692	3 167	357,3%	18 379
Contribution for GDP (Amount of Business)(%) <sup>(a)</sup>	8,07%	7,83%	-0,24 p.p	8,43%P
Direct generated economic value (millions of euros)	3 383	3 085	-8,8%	13 409
Net operating investment (millions of euros)	607	841	38,6%	3 492
Investment in renewable energies (millions of euros)	399	685	71,8%	2 279
Investment in renewables in total investment (%)	65,74%	81,49%	15,75 p.p	65,26%
Distributed economic value (millions of euros)	2 989	2 701	-9,6%	11 868
Sales cost	2 273	1 972	-13,2%	8 854
Costs with suppliers	171	166	-3,0%	800
Costs with the Community (except Foundations)	3	1	-46,7%	n.d
Net profit (millions of euros)	263	265	0,8%	927
Profit per share (€)	0,072	0,073	0,8%	0,25
Market capitalisation (millions of euros)	14 041	9 653	-31,2%	9 854
Accumulated economic value (millions of euros)	320	286	-10,6%	n.a
Costs with the Community (Foundations)	2	2	-14,4%	n.a
Drawback to the Community	74	98	31,8%	418



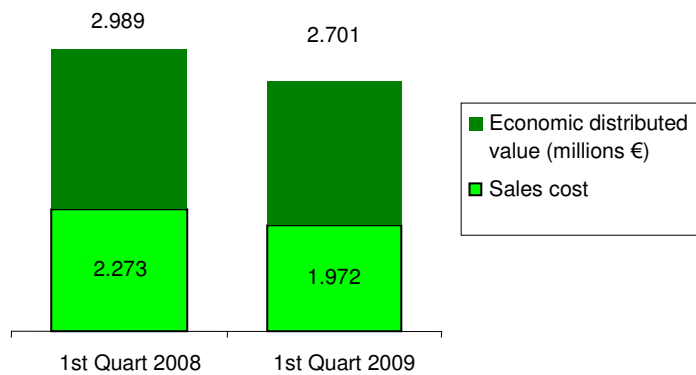
### GVA per employee (€)



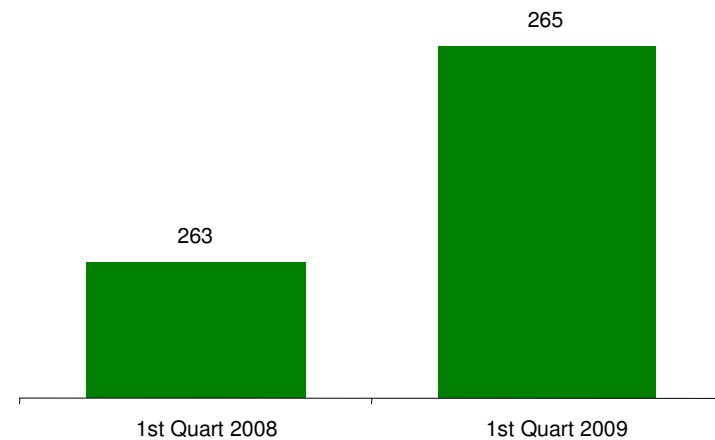
### Turnover (millions €)



### Economic distributed value (millions €)



### Net profit (millions €)



# Indicators summary

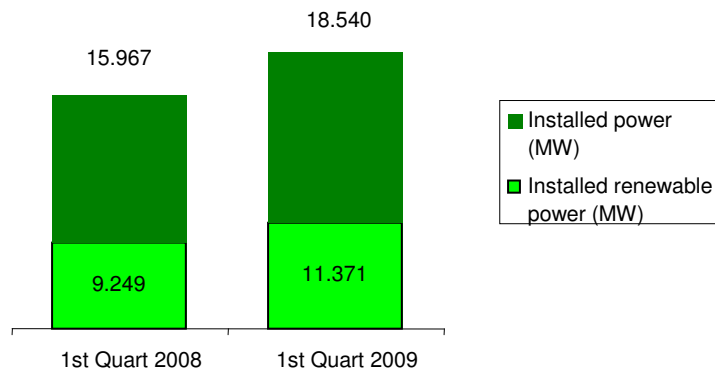


3M 2009

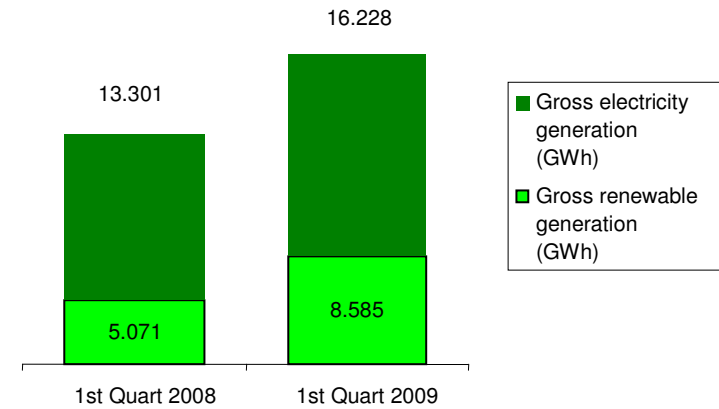
Operating Indicators	3M2008	3M2009	Variation 09/08 h.v.	Goal for 2009
<b>Electricity generation</b>				
Maximum installed power EBITDA (MW) <sup>(c)</sup>	15 967	18 540	16,1%	20 424
Renewable power EBITDA (MW)	9 249	11 371	22,9%	12 380
Renewable power in total power (%)	57,92%	61,33%	3,41 p.p	60,61%
Gross electricity generation(GWh) <sup>(b)</sup>	13 301	16 228	22,0%	64 336
Gross renewable generation(GWh)	5 071	8 585	69,3%	32 665
Renewable generation in total gross electricity generation(%)	38,13%	52,90%	14,78p.p	50,77%
Total GWh generated per employee	1,03	1,35	31,5%	5,20
<b>Electricity distribution(GWh)</b>				
Electricity distribution(GWh)	20 226	19 234	-4,9%	81 979
Number of customers in electricity distribution	9 906 417	9 331 449	-5,8%	9 817 731
TIEPI <sup>(c)</sup> (min)	53	129	143,2%	203
Total GWh distributed per employee	1,57	1,60	2,5%	6,62
<b>Electricity supply (GWh)</b>				
Electricity supply (GWh)	5 438	5 695	4,7%	24 363
Number of customers in electricity supply	212 321	338 158	59,3%	326 537
<b>Gas distribution(GWh)</b>				
Gas distribution(GWh)	7 125	7 899	10,9%	29 340
Gas supply(GWh)	7 740	6 013	-22,3%	21 341
Number of clients in gas (billed)	799 828	833 761	4,2%	843 315



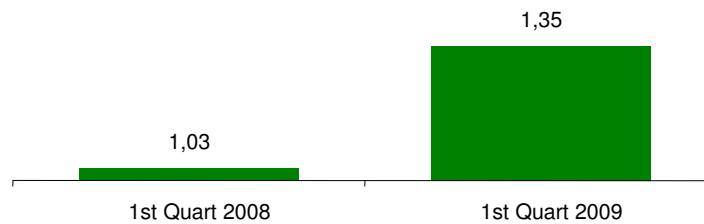
### Installed power (c) (MW)



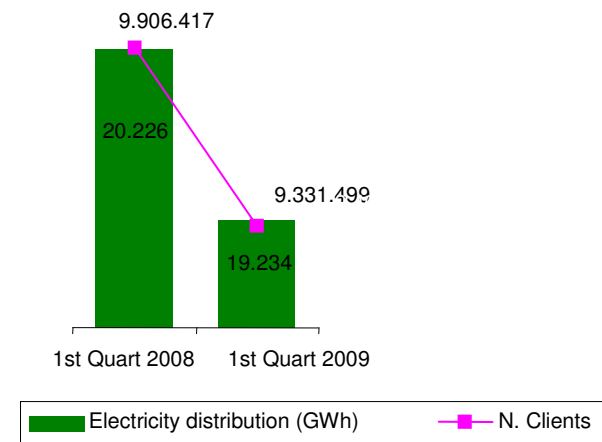
### Gross electricity generation (b) (GWh)



### GWh generated per employee



### Electricity distribution and number of electricity customers



# Indicators summary



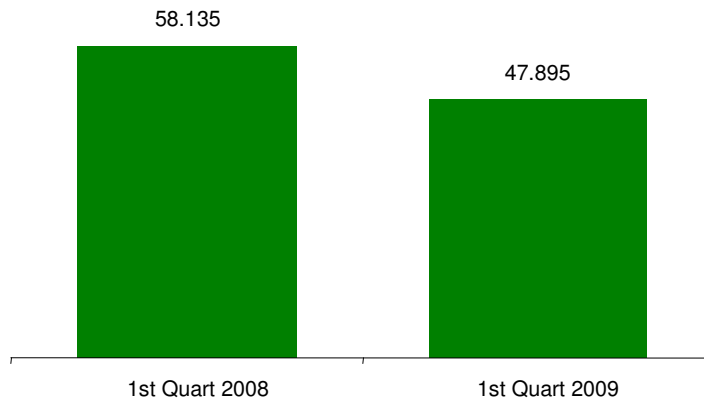
3M 2009

Environmental Indicators	1T2008	1T2009	Variation 09/08 h.v.	Goal 2009
Primary energy consumption (TJ)	58 135	47 895	-17,6%	225 395
Total for generation activity	58 135	47 845	-17,7%	225 395
Coal	35 850	29 724	-17,1%	137 579
Fuel oil	1 457	2 879	97,6%	3 279
Natural gas	17 836	12 482	-30,0%	71 715
Furnace gas	2 606	2 187	-16,1%	9 673
Coke gas	203	158	-22,3%	1 155
Gasoil	11	14	31,9%	75
Forest waste	172	401	133,3%	1 918
Fleet	60	50	-16,8%	n.a
Consumption by generation <sup>(d)</sup> (MWh)	669 047	627 144	-6,3%	n.a
Electricity consumption at administrative services <sup>(d)</sup> (MWh)	5 715	5 361	-6,2%	n.a
Maximum net certified installed power (ISO 14 001)	68%	64%	-4,66p.p	67%
Certified distribution gas (ISO 14 001)	100%	100%	0 p.p	100%

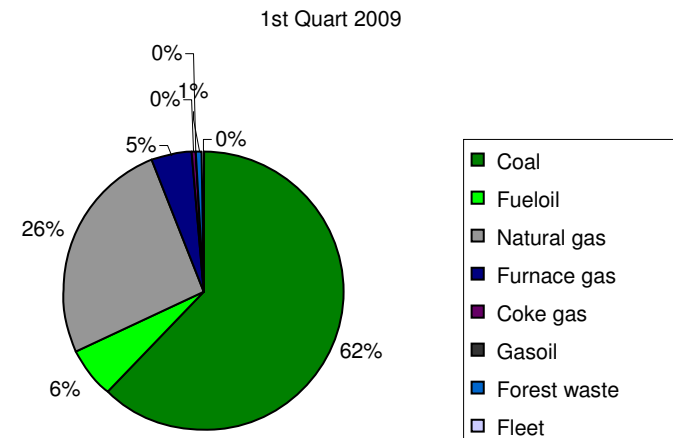
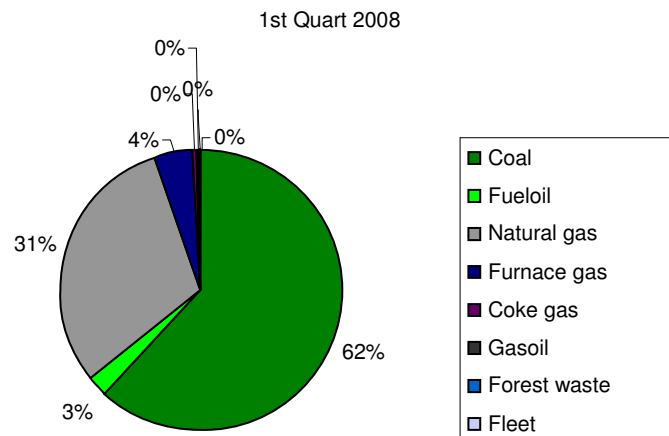
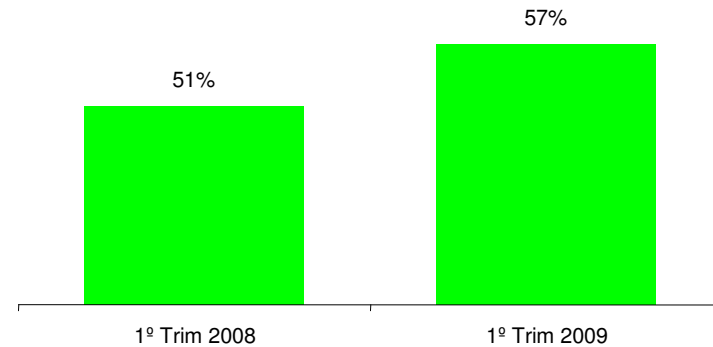




Primary energy consumption (TJ)



End use/primary energy ratio  
Thermal Plants



# Indicators summary



3M 2009

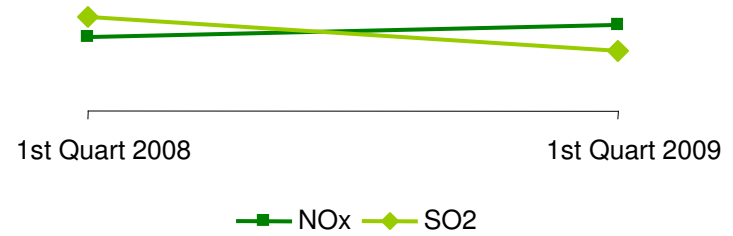
Environmental Indicators	1T2008	1T2009	Variation 09/08 h.v.	Goal 2009
CO <sub>2</sub> Emissions(kt)	5 308	5 645	6,4%	21 922
Fleet CO <sub>2</sub> Emissions (kt)	4,4	3,6	-16,7%	n.a
NO <sub>x</sub> Emissions (kt)	16,14	10,79	-33,2%	29,80
SO <sub>2</sub> Emissions(kt)	20,38	7,44	-63,5%	21,41
Particulate emissions(kt)	1,07	0,44	-58,4%	1,23
Global CO <sub>2</sub> specific emissions (g CO <sub>2</sub> /kWh)	399	348	-12,8%	341
Global NO <sub>x</sub> specific emissions (g NO <sub>x</sub> /kWh)	1,21	1,41	16,3%	0,91
Global SO <sub>2</sub> specific emissions (g SO <sub>2</sub> /kWh)	1,53	0,97	-36,6%	0,66
CO <sub>2</sub> emissions intensity (g/€)	1 533	1 746	13,9%	1 566
Water use (f) (103* m3)	420 944	456 237	8,4%	1 767 929
Cooling water	419 523	454 598	8,4%	1 762 534
Gross water	1 384	1 579	14,1%	5 153
Safe water	37	60	61,8%	242
Total waste (t) <sup>(e)</sup> <sup>(f)</sup>	202 374	173 346	-14,3%	500 000
Total hazardous waste(t) <sup>(f)</sup>	696	481	-30,9%	n.a
Valued waste (%) <sup>(f)</sup>	97%	63%	-34,2p.p	n.a
Environmental costs (millions of euros)	n.a	24	-	71
Environmental investment (millions of euros)	19	10	-45,1%	40
% of environmental investment in total investment	n.a	1,21%	-	1,14%
Environmental fees and penalties (thousand euros)	n.a	7	-	46

3M 2009

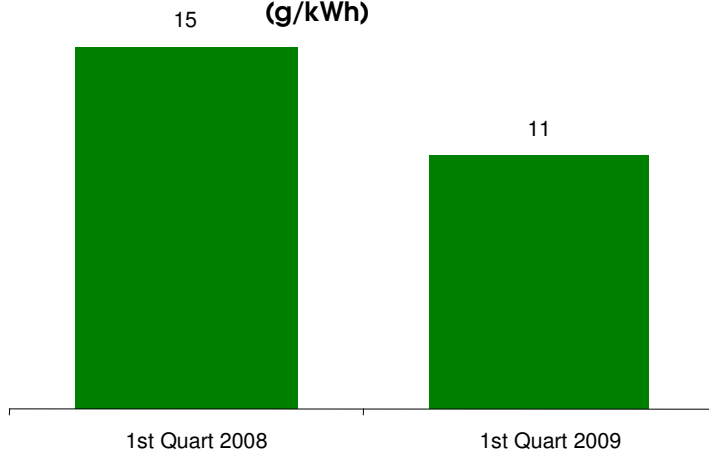
### CO<sub>2</sub> specific emissions (g/kWh)



### Specific emissions(g/kWh)



### Waste per generated electricity unit (g/kWh)



# Indicators summary

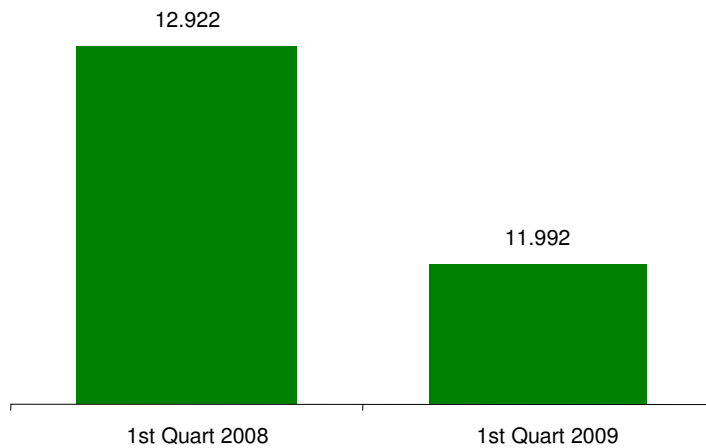


3M 2009

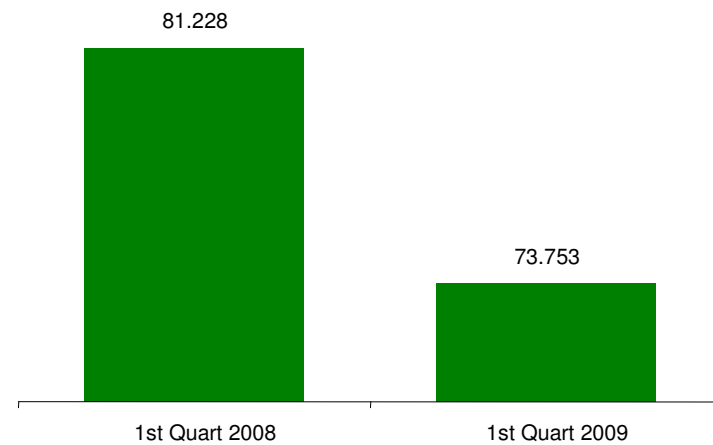
Social Indicators	1T2008	1T2009	Variation 09/08 h.v.	Goal 2009
<b>Employment</b>				
Total number of employees (M+W) <sup>(g)</sup>	12 922	11 992	-7,2%	12 382
Total number of female employees <sup>(g)</sup>	2 409	2 419	0,4%	n.a
Turnover	0,02	0,02	13,9%	0,048
Absenteeism rate (%)	3,40%	3,41%	0,01p.p	n.a
Costs with personnel (thousand euros)	148 493	141 306	-4,8%	604 800
Social benefits (thousand euros)	29 117	35 444	21,7%	154 565
<b>Training</b>				
Total training hours	81 228	73 753	-9,2%	401 702
Trained employees (%)	33,64%	35,98%	2,34p.p	75%P
Training costs (thousand €)	908	1 264	39,2%	9 931
Working productivity	188	195	4,0%	n.a
<b>Prevention and Security</b>				
On-duty accidents (number)	18	15	-16,7%	... <sup>(i)</sup>
Severity rate (Tg)	212	149	-29,7%	... <sup>(i)</sup>
Frequency rate (Tf)	3,14	2,79	-11,0%	... <sup>(i)</sup>



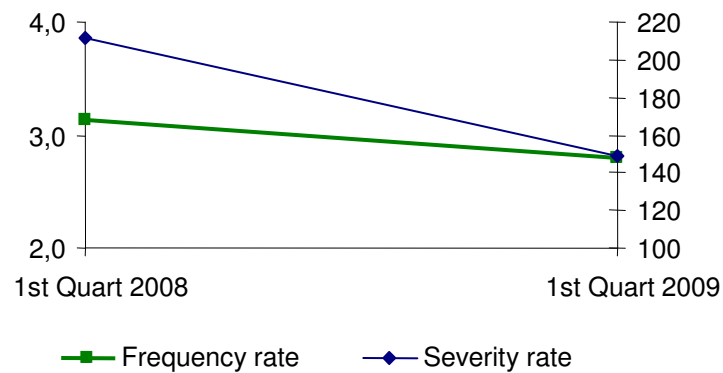
### Number of Employees



### Volume of training (h)



### EDP's frequency and severity rate





- 12 January - “Support plan to doctorate in Spain”:** EDP decided to give support to employees who wish to obtain a doctorate degree. The research work to accomplish will make part of a R&D&I project.
- 21 January - EDP Renováveis:** EDP Renováveis (EDPR) started the first quarter with 5 052 MW of gross installed power, and finished it with 5 192 MW, keeping its position in the world ranking in the 4rth position. To be mentioned the acquisition, in Brazil, by EDP Renováveis Brazil (owned by EDPR in 55%), of Cenaeel, with 14 MW in operation, in the state of Santa Catarina.



- 26 January - “The Sustainability yearbook 2009”:** EDP received for the second year in a row the distinction of being included in this worldwide publication, which includes 15% of the world most sustainable enterprises per sector, and obtained the silver classification.
- 28 January - Publication “Financial Director”:** EDP was considered one of the best examples in technology for purchase management. Sinergie was pointed out as one of the world’s most advanced solutions in this area and EDP was described as a leader company in managing relationship with suppliers.



**29 January - “Puntos hc responsables 2008 Fundación Hidrocantábrico”:**  
EDP maintains the initiative in Spain known as *puntos hc responsables*, whose goal is to support solidary projects with non-governmental organizations, such as the Red Cross or Oso Foundation. Clients’ contributions are leveraged by Hidrocantábrico Foundation.





- 2 February - "Escolinhas de Moçambique" Protocol:** under the scope of the Integrated Programme Against AIDS and Malaria, in Mozambique, a protocol was signed in partnership with Doctors of the World – Portugal (NGO) and EFACEC.
- 3 February - "Letras de Luz" Project:** the activities took place in 60 Brazilian cities, belonging to four different states (Espírito Santo, Mato Grosso do Sul, São Paulo and Tocantins) and were taken to alternative sites, such as Tocantins and São Paulo Book Biennale, and the Campos de Jordão Winter Festival, also in São Paulo. Apart from the workshops aimed to promote reading and the adaptation to the stage of tales from Brazilian authors, the "Letras de Luz" project also donated national and foreign literary works to libraries and schools belonging to the regions where it works.



- 7 February - “Energy in the Community Programme”:** In Brazil, Bandeirante carried out the 2009 Energy in the Community Programme’s first event in Suzano. More than 550 people were present in Nizilda Alves de Godoi school, located in Fazenda Viaduto’s neighbourhood to listen over the programme, whose aim is to supply electric energy with quality to residential clients with small incomes.
- 11 February - “EDP in Schools Programme”:** In Brazil, EDP Institute restarted “EDP in Schools Programme”, with the distribution of 19 thousand school kits to students belonging to the regional basic school net. The delivery of school material will be done in 62 schools in regions covered by EDP’s activities in the states of São Paulo, Espírito Santo, Santa Catarina, Tocantins and Mato Grosso do Sul, and will have the contribution of, at least, 1.000 teachers.



- 18 February - “Offshore Wind Project”:** EDP, through its shareholding EDP Inovação, and Principle Power, Inc. signed an agreement for the development of an offshore wind project in deep waters, to be installed in the Portuguese coast.
- 25 February - *Storebrand* “Best in Class” status:** EDP integrates this index since 2006/2007, having renewed its participation in 2008/2009. *STOREBRAND* is the leading company in financial services in Scandinavia, and is involved in pension funds, life and health insurance, asset management and banking activities.
- 26 February - EDP Renováveis wins “Public Offer of the year” prize:** the “2009 New Energies Prize Gala”, which took place in London, recognized the success of the Public Offer and considered it the most important of the first half of 2008.



Mar

- 2 March - EDP Distribuição reduced the electric distribution lines impact on birds:** EDP signed a protocol with the Nature and Biodiversity Conservation Institute (ICNB), the Portuguese Society for Birds' Study (SPEA) and Quercus to monitor and minimize the electric distribution lines impacts on Avifauna.
  
- 5 March - PPEC:** ERSE formally announced the results of the 2009/2010 contest for End-use Energy Efficiency Plan (PPEC). EDP obtained a total of 79,4% of the available budget, which corresponds to 14,3M€.
  
- 9 March - I+D+i Projects:** A presentation of the I+D+i projects for the electricity business was made to all employees in Spain.



- 10 March - New environmental policy approval:** 1994 environmental policy was updated to take into account the many changes experienced, in the international framework, as well as in the new emerging environmental worries, or even in the own nature of the activities developed by the Group.
- 11 March - Ethics Ombudsman and Client Ombudsman:** Mr. Carlos Loureiro was nominated for the charge of EDP Ethics Ombudsman, and for the charge of EDP Client Ombudsman, Prof. Luís Valadares Tavares.
- 12 March - Enerpeixe certification in ISO 14000 and OHSAS 18000:** Peixe Angical power plant, with a net installed power of 452 MW, was environmentally certified as well as in terms of prevention and security.



**16 March - Distribution of lamps to EDP employees:** during this month, EDP Comercial delivered to each EDP employee 4 economizing lamps in an action aiming to raise awareness to home energy consumption reduction.

**18 March – Wind projects in Brazil -** EDP Renováveis Brazil enlarged its participation in the renewable energy area in the country, through the acquisition of 100% of Elebrás Projetos Ltda actions, a subsidiary of the German company InnoVent GmbH. Elebrás holds a portfolio in projects which adds-up 532 MW. The sum of this capacity to the Cenaeel (SC)14 MW, and to the projects in study totals 832 MW in wind projects.



**31 March - EDP Renováveis:** EDP Renováveis (EDPR) signed a contract with Vestas for the acquisition of 76 aerogenerators intended for plants in Rumania. These aerogenerators are going to be installed by the end of 2009 and along 2010. This contract will allow EDPR to move forward with the execution of its pipeline in Rumania, in line with the decision of entering in this market last October 2008.

### Clarification:

The shown information was not verified by any independent external entity. The presentation includes values concerning the account consolidation perimeter of EDP Group. Values do not include nuclear power plant of Trillo.

### Map symbols:

h.v.- homologous variation

p.p- percentage point

P- interim

n.a.- not available

GVA- Gross Value Added

GDP- Gross Domestic Product

### Glossary

This information is complemented by the definitions of sustainability indicators that can be found in our Portuguese site under the link [Glossário](#).



**Footnote:**

- (a) GDP value for the first quarter 2009 is interim.**
- (b) Does not include nuclear power plant of Trillo; includes steam generation.**
- (c) Does not include nuclear power plant of Trillo.**
- (d) Values concerning Portugal and Spain.**
- (e) Directed to the final destination.**
- (f) The value concerning the first quarter 2009 does not include hydro activity for Energias do Brasil nor distribution activity for Escelsa.**
- (g) Active employees - does not include governing bodies; Investco employees were included.**
- (h) Valued.**
- (i) Aims were established according to predicted in EDP's prevention and security action plan, under the scope of which the expectations are to achieve a 10% reduction relative to values recorded in 2008.**

**Contacts:**

**[gabinete.ambiente@edp.pt](mailto:gabinete.ambiente@edp.pt)**

