

# Sustainability Report

1<sup>st</sup> Half 2011

28 July



viva a nossa energia

smart **energy** world



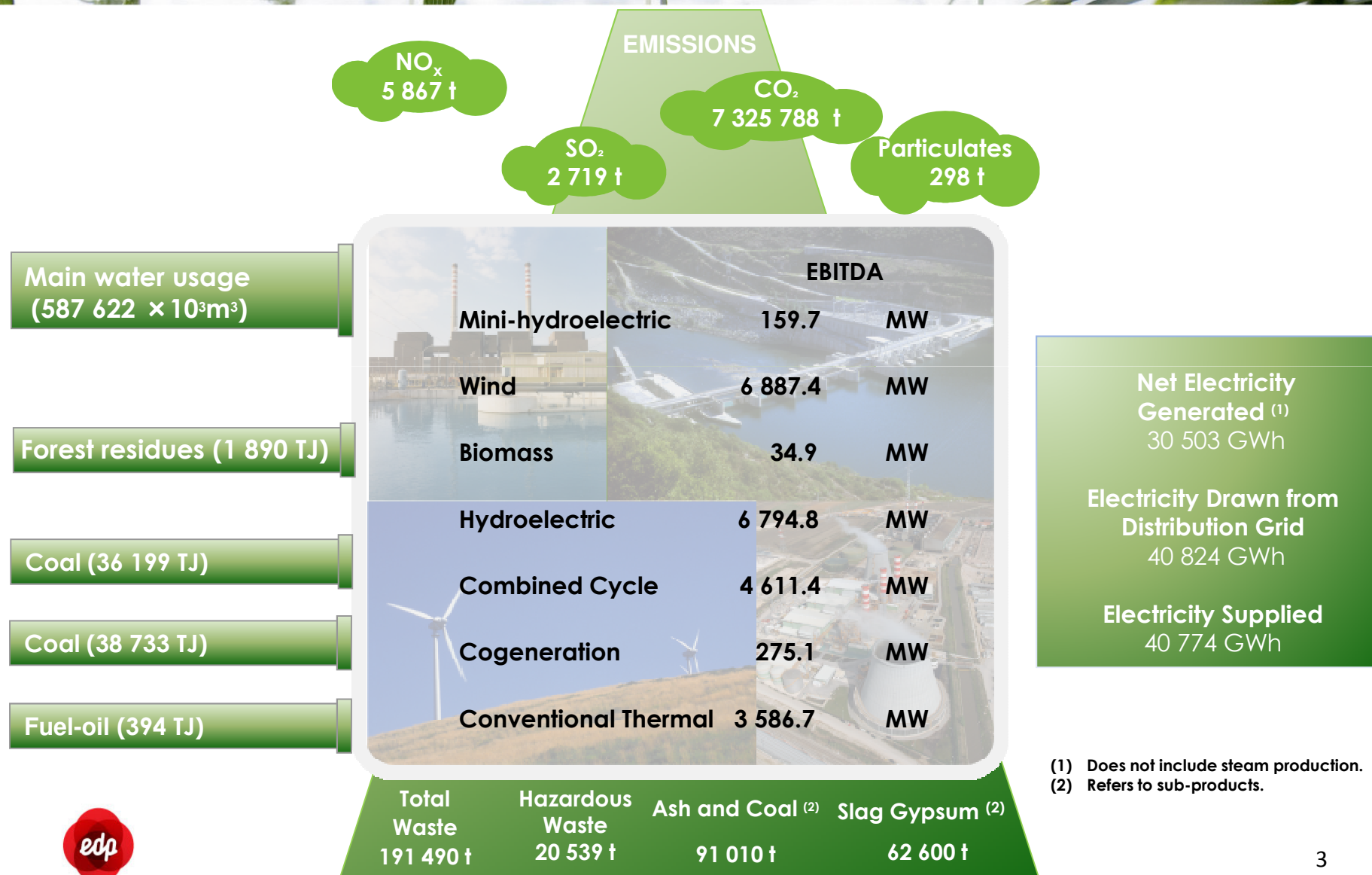
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# Relevant Energy-Environmental Indicators

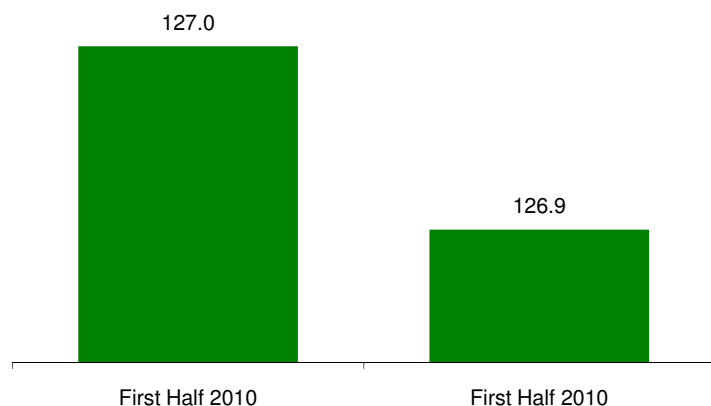
1<sup>st</sup> Half 2011



# Sustainability Index

## 1<sup>st</sup> Half 2011

Sustainability Index base 100:2006 <sup>(1)</sup>



### Main Factors

	1H2010	1H2011
• Renewables investment	70%	58%
• Specific CO <sub>2</sub> emissions (t/MWh)	0.184	0.232
• Specific NO <sub>x</sub> emissions (g/kWh)	0.15	0.19
• Specific SO <sub>2</sub> emissions (g/kWh))	0.14	0.09
• Specific waste production(g/kWh) <sup>(2)</sup>	8.2	6.1
• % of working women in total employees	21 %	22%
• Training hours / Hours worked	1.8%	2.1%
• EDP severity rate	120	168



(1) Sustainability index developed by EDP and based on 26 performance indicators in the area of sustainability ([www.edp.pt/sustentabilidade/abordagemasustentabilidade/](http://www.edp.pt/sustentabilidade/abordagemasustentabilidade/)); (2) The specific production was calculated on the net production of added steam.

# Sustainability Indicators

## 1<sup>st</sup> Half 2011

Economic Indicators	1H2010	1H2011	Year-on-year Change 11/10	2011 Target
GVA per employee (€) <sup>(1)</sup>	195 720	191 831	-2.0 %	371 536
Turnover (EUR millions)	6 763	7 543	11.5%	14 873
Energy services billed (EUR thousand)	6 728 361	9 157 626	36.1%	n.d.
Direct economic value generated (EUR millions) <sup>(1)</sup>	7 348	8 145	10.8%	15 413
Net operating investment (EUR millions)	1 312	845	-35.6%	2 217
Investment in renewable energies (EUR millions)	921	486	-47.2%	1 350
Investment in renewables as a proportion of total investment (%)	72.22%	57.55%	-12.68 p.p	60.89%
Economic value distributed (EUR millions) <sup>(1)</sup>	6 472	7 246	11.9%	12 598
Staff costs	357	366	2.4%	611
Supplier costs	405	421	4.1%	941
Community costs	8	8	0.5%	n.d.
Community contributions	170	187	4.6%	272
Net profit (EUR millions)	592	609	2.9%	1 027
Annualised return on equity (%)	32.37%	33.29%	0.9 p.p	28.09%
Market capitalisation (EUR millions)	8 922	8 955	0.4%	n.d.
Economic value retained (EUR millions) <sup>(1)</sup>	875	899	2.7%	2 815

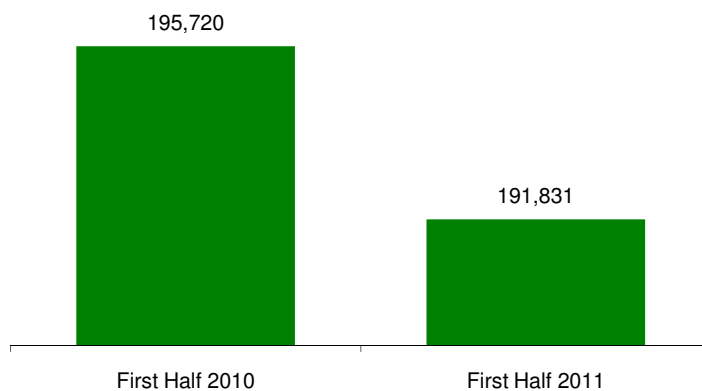


(1) Figures for 2010 revised in accordance with provisions of Global Reporting Initiative.

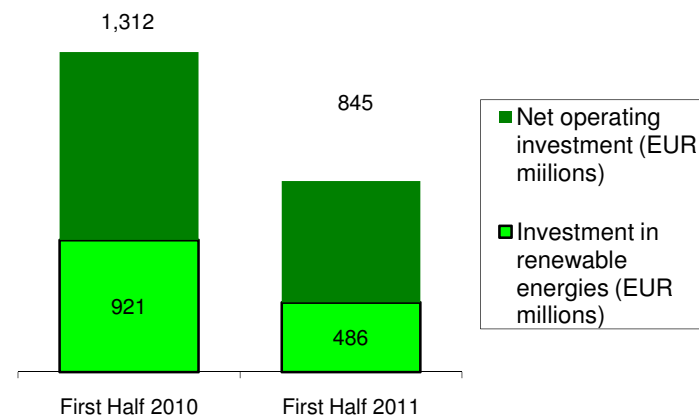
# Sustainability Indicators

## 1<sup>st</sup> Half 2011

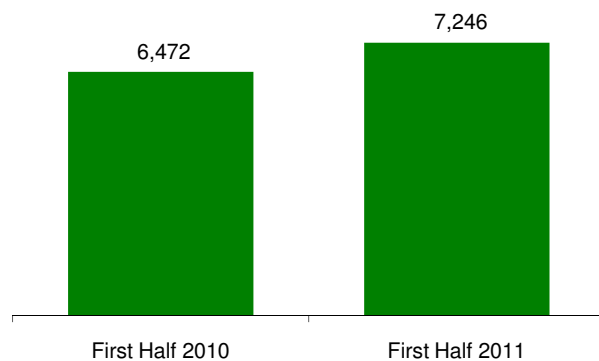
GVA per employee (EUR)



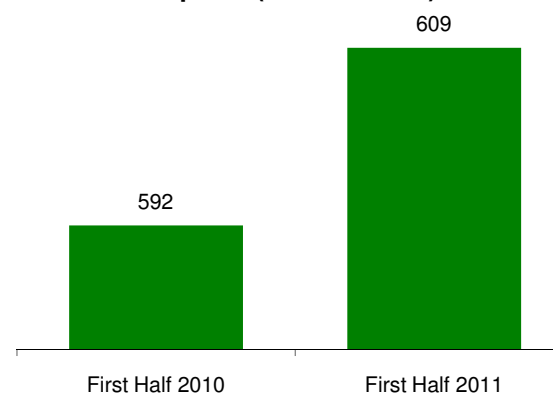
Investment (EUR millions)



Economic value distributed (EUR millions)



Net profit (EUR millions)





# Sustainability Indicators

## 1<sup>st</sup> Half 2011

Operating Indicators	1H2010	1H2011	Year-on-year Change 11/10	2011 Target
<b><u>Electricity generation</u></b>				
Maximum installed capacity EBITDA (MW)	20 646	22 350	8.3%	22 763
Renewables capacity EBITDA (MW)	12 602	13 959	10.8%	14 279
Renewables capacity as a proportion of total capacity (%)	61.04%	62.46%	1.42 p.p	62.73%
Net electricity generated <sup>(1)</sup> (GWh)	30 180	30 503	1.1%	61 778
Generation from steam (GWh)	1 009	1 077	6.8%	n.d.
Net generation from renewables (GWh)	21 908	21 212	-3.2%	37 636
Renewables generation as a proportion of total net generation (%)	72.59%	69.54%	-3.05 p.p	60.92%
Total GWh generated per employee	2.51	2.54	1.1%	5.07
Electricity distributed (GWh)	40 568	40 824	0.6%	82 648
Electricity supply points	9 459 065	9 592 521	1.4%	9 406 666
Installed Capacity Equivalent Interruption Time (TIEPI) (min) <sup>(1)</sup>	98	58	-40.4%	180
Equivalent Interruption Time per Consumer (DEC) (hours) <sup>(2)</sup>	27	21	-21.5%	23
Total GWh distributed per employee	3.37	3.40	0.7%	6.79
Electricity Supplied (GWh)	42 908	40 774	-5.0%	80 566
Free market supply (GWh)	19 071	19 868	4.2%	41 584
Supply of last resort (GWh)	23 837	20 906	-12.3%	38 982



(1) Related to Portugal and Spain; (2) Related to Brazil

# Sustainability Indicators

## 1<sup>st</sup> Half 2011

Operating Indicators	1H2010	1H2011	Year-on-year Change 11/10	2011 Target
Number of electricity supply customers	9 769 680	9 893 875	1.3%	9 972 187
Free market supply	878 164	987 811	12.5%	334 848
Supply of last resort	8 891 516	8 906 064	0.2%	8 637 339
Green energy sold (GWh)	5 460	7 540	38.1%	n.d.
Number of customers – green tariff	377 879	428 121	13.3%	n.d.
Energy sold on social tariff (GWh)	98	217	120.4%	n.d.
Number of customers – social tariff	415 819	490 548	18.0%	n.d.
Number of customers with special needs	713	822	15.3%	n.d.
Gas distributed (GWh)	28 459	29 556	3.9%	49 633
Gas supply points (GWh)	1 209 183	1 246 229	3.1%	1 260 964
Gas supplied (GWh)	18 330	19 961	8.9%	35 494
Number of gas customers	1 056 612	1 064 263	0.7%	1 104 784
Regulated market <sup>(1)</sup>	234 833	n.a.	n.a.	n.a.
Free market	670 802	686 065	2.3%	751 169
Last resort	150 977	378 198	150.5%	353 615



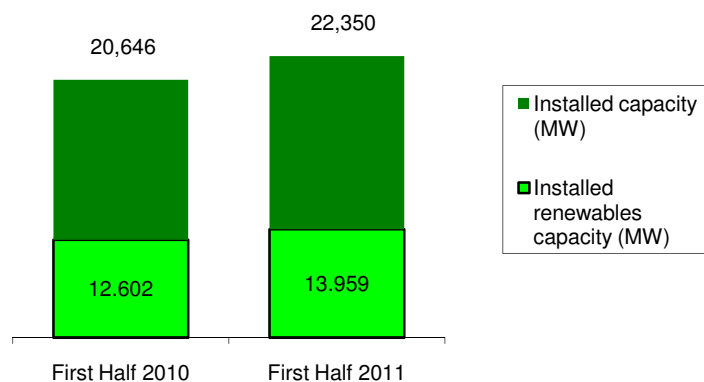
(1) With the liberalization of the natural gas market in Portugal, all consumers can freely choose their supplier.



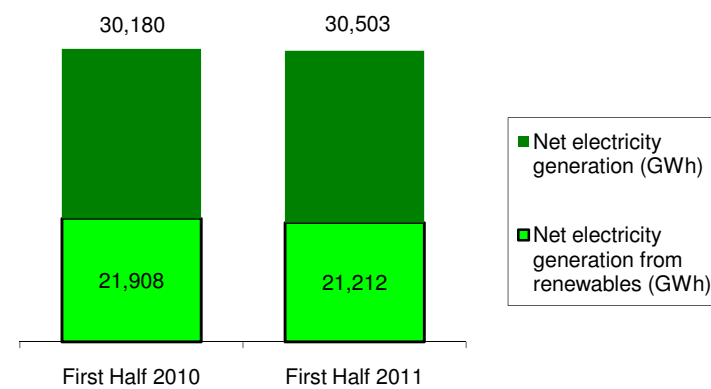
# Sustainability Indicators

## 1<sup>st</sup> Half 2011

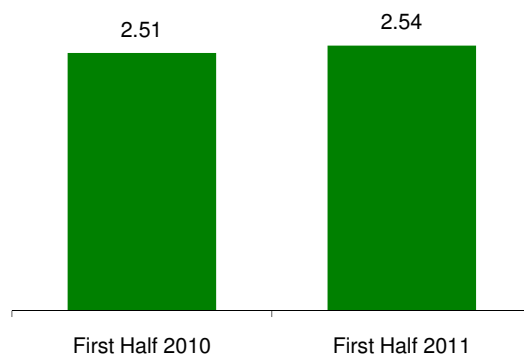
Installed capacity (MW)



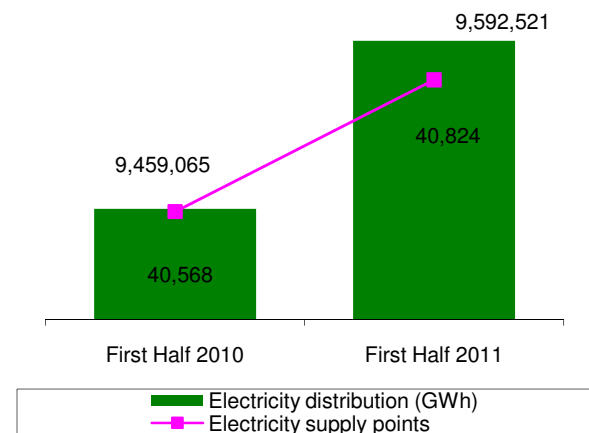
Net electricity generation (GWh)



GWh generated per employee



Electricity distribution and electricity supply points



# Sustainability Indicators

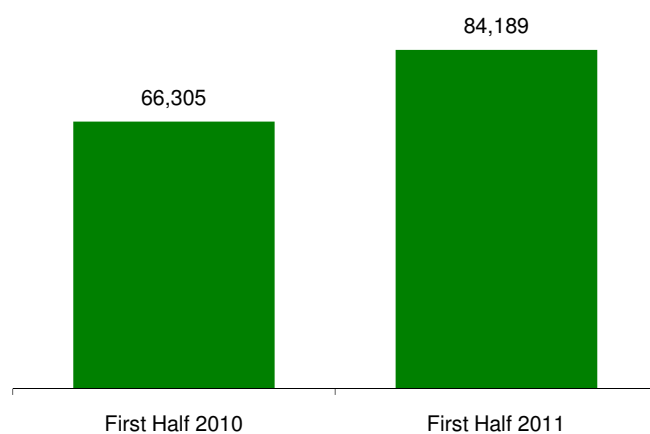
## 1<sup>st</sup> Half 2011

Environmental Indicators	1H2010	1H2011	Year-on-year Change 11/10	2011 Target
Primary energy consumption (TJ)	66 305	84 189	27.0%	n.d.
Total for generation	66 184	84 045	27.0%	209 365
Coal	27 312	38 733	41.8%	117 235
Fuel-oil	819	394	-51.9%	212
Natural gas	31 986	36 199	13.2%	78 089
Balst furnace gas	4 182	5 302	26.8%	n.d.
Coke gas	591	624	5.6%	n.d.
Diesel	152	46	-69.9%	n.d.
Forestry waste	317	1 890	496.3%	4 102
Steel plant gas	826	857	3.7%	9 726
Vehicle fleet fuel	121	144	19.0%	n.d.
Electricity consumption at power stations (MWh)	755 587	849 763	12.5%	n.d.
Electricity consumption by administrative buildings (MWh)	16 507	13 921	-15.7%	n.d.
No. of production facilities certified (ISO 14 001)	82	106	29.3%	164
Net maximum installed capacity certified (%)	66%	70%	3.92 p.p.	72%
No. of substations certified (ISO 14 001)	21	43	104.8%	93
Installed capacity of substations certified (%)	3%	5%	1.1 p.p	23%
Certified gas distribution (ISO 14 001) (%)	100%	100%	0.0 p.p	100%

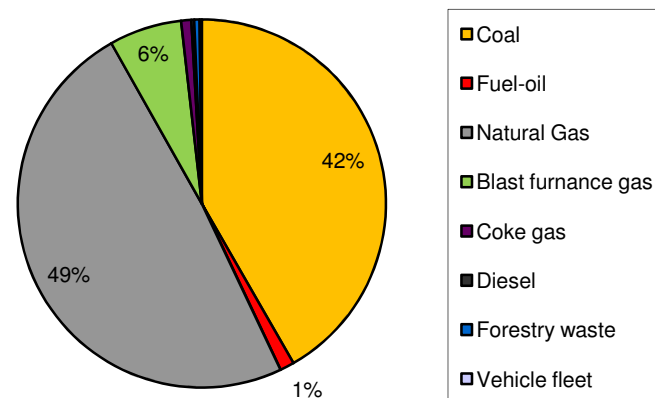
# Sustainability Indicators

## 1<sup>st</sup> Half 2011

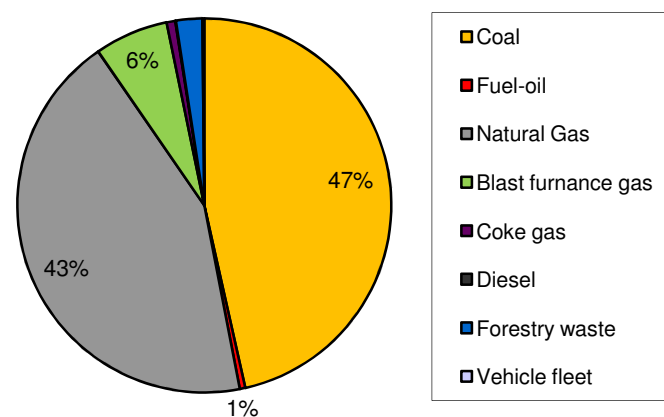
Primary energy consumption (TJ)



Primary energy consumption First Half 2010



Primary energy consumption First Half 2011





# Sustainability Indicators

## 1<sup>st</sup> Half 2011

Environmental Indicators	1H2010	1H2011	Year-on-year Change 11/10	2011 Target
CO <sub>2</sub> emissions (kt) <sup>(1)</sup>	5 728	7 325	27.9%	14 583
CO <sub>2</sub> emissions from vehicle fleet (kt)	8.8	10.5	19.7%	n.d.
NO <sub>x</sub> emissions (kt)	4.53	5.87	29.5%	24,98
SO <sub>2</sub> emissions (kt)	4.27	2.72	-36.3%	16,38
Particulate emissions (kt)	0.22	0.30	34.8%	1,46
Overall specific CO <sub>2</sub> emissions (g CO <sub>2</sub> /kWh) <sup>(2)</sup>	184	232	26.3%	236
Overall specific NO <sub>x</sub> emissions (g NO <sub>x</sub> /kWh) <sup>(2)</sup>	0.15	0.19	28.4%	0,40
Overall specific SO <sub>2</sub> emissions (g SO <sub>2</sub> /kWh) <sup>(2)</sup>	0.14	0.09	-36.8%	0,27
CO <sub>2</sub> emissions intensity (g/€)	847	971	14.7%	981
Main Water usage (10 <sup>3</sup> m <sup>3</sup> )	426 382	587 622	37.8%	n.d.
Refrigeration water	423 784	583 458	37.7%	n.d.
Raw water	2 475	3 961	60.0%	n.d.
Drinking water	123	204	65.3%	n.d.
Total waste (t)	255 275	191 490	-25.0%	n.d.
Total hazardous waste (t)	7 121	20 539	188.4%	n.d.
Recovered waste (%)	71%	80.8%	9.5 p.p	n.d.
Sub-products (t) <sup>(3)</sup>	n.d.	153 610	n.a.	n.d.
Environmental expenses (EUR millions)	36	35	-0.5%	n.d.
Environmental investment (EUR millions)	23	24	4.3%	n.d.
Environmental investment as a proportion of total investment %	1.73%	2.80%	62 p.p.	n.d.
Environmental fines and penalties (EUR thousands)	5	2	-62.3%	n.d.



(1) Not including vehicle fleet; (2) Calculated for net generation, as stipulated in the *Global Reporting Initiative*  
(3) In 2010 began the process of declassifying certain residues (gypsum, fly ash and slag).

# Sustainability Indicators

## 1<sup>st</sup> Half 2011

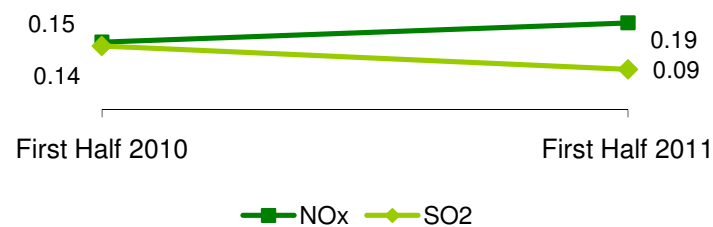
Specific CO2 emissions (g/kWh)



First Half 2010

First Half 2011

Specific Emissions (g/kWh)

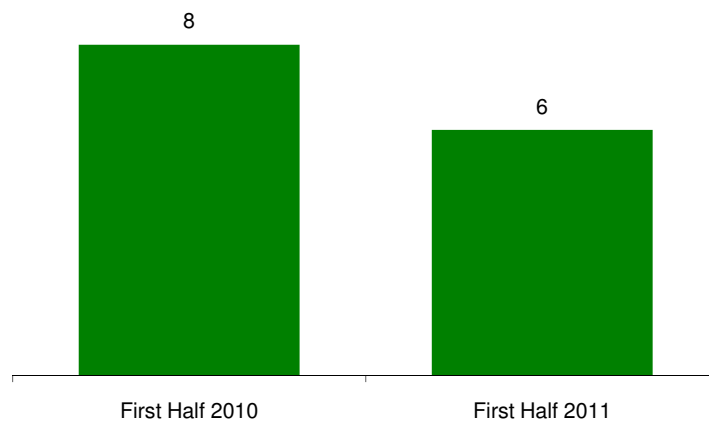


First Half 2010

First Half 2011

■ NOx ◆ SO2

Waste per unit of electricity generated (g/kWh)



First Half 2010

First Half 2011

# Sustainability Indicators

## 1<sup>st</sup> Half 2011

Social indicators	1H2010	1H2011	Year-on-year Change 11/10	2011 Target
<u>Employment</u>				
Total number of employees (M+F)	12 023	12 017	0.0%	12 176
Total number of employees	2 552	2 630	3.1%	n.a.
Staff turnover	0.03	0.03	9.9%	n.a.
Absenteeism (%)	3.39%	3.43%	0.04 p.p	n.a.
Personnel costs (EUR thousands)	296 439	292 582	-1.3%	610 619
Social benefits (EUR thousands)	60 846	73 356	20.6%	118 792
<u>Training</u>				
Total number of training hours	193 742	225 958	16.6%	528 554
Employees trained (%)	71.55%	60.30%	-11.26 p.p	n.a.
Training costs (mil €)	3 245	3 529	8.8%	10 497
Work productivity	223	217	-3.0%	n.a.
<u>Prevention and safety</u>				
On-duty Accidents (number)	24	21	-12.5%	...(1)
Severity index EDP (Tg)	120	168	40.6%	...(1)
Frequency rate EDP (Tf)	2.18	1.87	-14.2%	...(1)
On-duty death accidents Contractors (number)	2	2	0.0%	...(1)
On-duty accidents with disability Contractors (number)	101	81	-19.8%	...(1)
Frequency rate EDP and Contractors (Tf_total)	5.12	3.11	-39.2%	...(1)



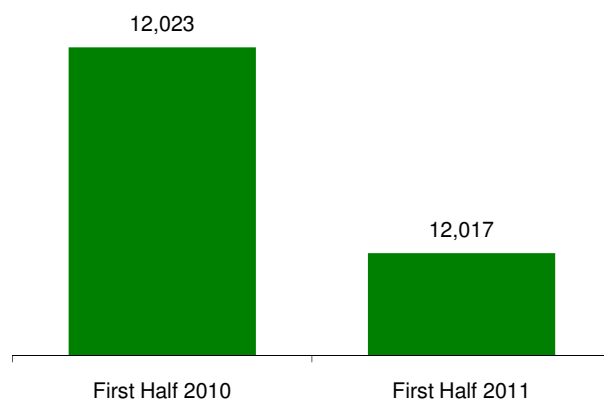
(1) Target set in accordance with the EDP accident prevention and safety action plan, which seeks to achieve a 10% reduction on the figures recorded in 2010.



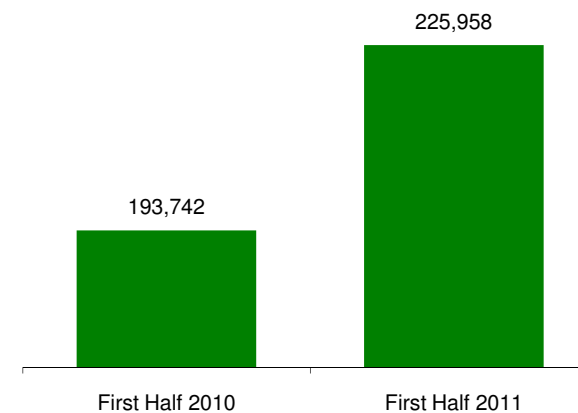
# Sustainability Indicators

## 1<sup>st</sup> Half 2011

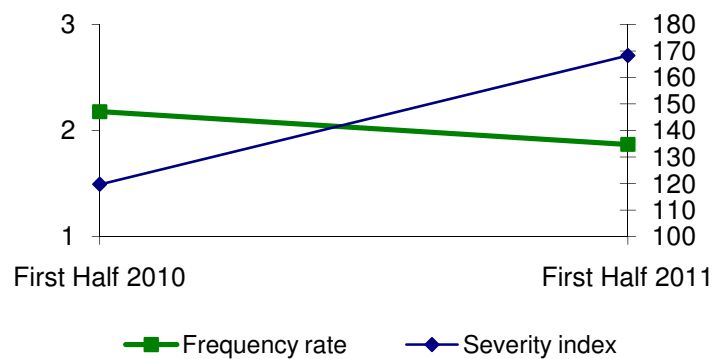
Number of employees




Volume of training (h)



EDP frequency rate and Severity index





# Recognition 1<sup>st</sup> Half 2011







# Recognition 1<sup>st</sup> Half 2011

## Awards and other accolades for the EDP Group and its companies

**Feb 7<sup>th</sup> - Prémios Reputação 2010** - EDP received awards in the first Prémios Reputação for the A tua energia (Your energy) project in the Energy, Environment and Ecology category, its Annual Report and Accounts in the Financial Communication, Mergers and Acquisitions category, the Concert at Alqueva Dam, in the Events category, edpON Corporate Television in the Corporate TV & Videos category and ON magazine in Corporate Publications. These prizes from APECOM (Associação Portuguesa das Empresas de Conselho em Comunicação e Relations Públicas) are awarded to the best work and the best corporate communication and public relations experts.

**Feb 15<sup>th</sup> - EDP Renováveis in Brazil receives award for the most innovative company** - Cenaeel Wind Farm in Santa Catarina has been voted the most innovative electricity company in the southern region of Brazil by Amanhã magazine. The champions of innovation are chosen in partnership with Edusys, a consultancy firm that uses the Innovation Index method.

**Feb 17<sup>th</sup> - EDP Empreendedor Sustentável Sabor 2010** - EDP awarded a cash prize to eight of the 21 projects that reached the final phase of this initiative, which was designed to foster the creation of jobs and increase the business dynamic in the area of the Baixo Sabor, Bemposta and Picote dams.

The projects were devised by micro-companies responsible for creating 54 new jobs and almost 2 million euros in initial investment. The programme began in June 2010 and attracted more than 100 would-be entrepreneurs. It involved them in training, the discussion of ideas and guidance on bringing their projects to maturity. EDP set up a partnership with EEIG GLOOCAL-SPA Consultoria and the municipal councils in the areas in which the three dams are located. Nineteen local organisations were also involved.

**Feb 28<sup>th</sup> - EDP is SAM Gold Class and world leader in the electricity sector in 2011** - For the fourth year running, EDP has been included in the global Sustainability Yearbook 2011, which features 15% of the companies with the best sustainability performance in each of the 58 sectors evaluated by SAM. It was given Gold Class SAM 2011 by SAM sustainability investing. It has also been declared world leader in the electricity sector in 2011.

**Apr 15<sup>th</sup> - EDP is one of the best “leadership schools”** - EDP is placed second in the ranking of the Best Companies for Leadership in Portugal, a worldwide study conducted by the Hay Group consultancy firm, which highlights the best companies for training leaders. The Hay Group assessed 67 companies in Portugal for the 2011 ranking.







# Recognition 1<sup>st</sup> Half 2011

## Awards and other accolades for the EDP Group and its companies

**May 02<sup>nd</sup> - EDP wins Energy Efficiency Awards** - The "Energy Efficiency Barometer Portugal 2010", first launched in 2010, aims to evaluate and reward the energy efficiency performance of companies. In a universe of the 2,500 largest Portuguese companies (selected based on turnover), the barometer analysed how companies use energy in their processes, facilities and activities. This initiative is organized by PremiValor Consulting in conjunction with referral partners, and also has the institutional support of ADENE, the Directorate-General for Energy and Geology (DGEG) and the BCSD Portugal.

**May 02<sup>nd</sup> - Radio Advertising Awards** - The EDP radio spot in support of the Super Bock Super Rock Festival won an award at the Radio Advertising Awards in the Marketeer and Social Responsibility category. The spot was developed by the Euro RSGC agency.

**May 13<sup>th</sup> - EDP receives Marketeer 2011 Awards** - EDP won the "Energy" category of the Marketeer 2011 Awards. Paulo Campos Costa, EDP's Brand and Communication Manager, received the award at a ceremony held in Terreiro do Paço, Lisbon, on 11 May 2011.

**Jun 03<sup>rd</sup> - InovCity in Évora is made a European reference project** -

InovGrid was selected by the European Commission and Eurelectric as a single case study from among more than 260 Europewide projects of smart energy networks. InovGrid was chosen because it demonstrates, in an integrated and comprehensive manner, the many benefits of smart grids in their core areas: customer/consumer and operator and distributor of electricity, through a service of improved quality, more information to the consumer, allowing them to have an active participation in managing their consumption and ensuring greater operating efficiency by the operator.

**Jun 14<sup>th</sup> - EDP Soluções Comerciais wins two awards in the field of contact centre management** - EDP Soluções Comerciais wins two awards in the contact centre management field: 1st place in the category of best contact centre of the utilities sector and the Innovation 2011 prize, awarded to the organisation that most contributed to innovation in the area of contact centres in Portugal.



# Recognition 1<sup>st</sup> Half 2011

## Awards and other accolades for the EDP Group and its companies

**Jun 15<sup>th</sup> – Investco won best advertising campaign award** - Investco won the award of Organização Jaime Câmara for the “Best corporate advertising spot broadcast on television in the state of Tocantins, for 2010”. The winning spot presented the company's social and environmental responsibility initiatives.

**Jun - European award for a research project of Natugas Energía –** The R&D+Innovation project conducted by Natugas and the Basque Country University on the energy generation from methane was an award winner at the Congreso Europeo de Tecnología Gasista, EGATEC 2011.





# Recognition

## 1<sup>st</sup> Half 2011

### **Acknowledgement of members of the company's managing bodies, companies and other employees**

#### **Jan 5<sup>th</sup> - Prémio Cidadania Júnior for employees' children** - Eight

EDP employees' children were picked out for their good school and civic practices in Conciliar Programme and won cheques for between €500 and €1,500. EDP received 107 entries in three classes (9th grade, 12th grade and higher education).

**Feb 7<sup>th</sup> - Prémios Reputação 2010** - The first Prémios Reputação awarded prizes to António Mexia, EDP's CEO, who was voted Communication Personality of the Year. This prize from APECOM (Associação Portuguesa das Empresas de Conselho em Comunicação e Relations Públicas) goes to the best corporate communication and public relations experts.







# Highlights 1<sup>st</sup> Half 2011





# Highlights

## 1<sup>st</sup> Half 2011

**Jan.**

**5<sup>th</sup> - Fundação EDP and Fundação Benfica together in fighting truancy and school failure** - The aim of Para Ti Se Não Faltares (For you is you don't miss school) is to combat truancy and improve the grades and attendance rates of children at risk aged 6 to 16. It fosters social inclusion, equal opportunities between the genders, the development of social and personal skills and orientation towards merit. The project will take place in Porto, Portalegre and the Tua region, focusing particularly on the areas where EDP is making new investments in hydroelectric power. Fundação EDP, the main patron, will donate €495,000 to the project by 2013 in order to benefit around 500 children.

**17<sup>th</sup> - Study visits 2010** - The facilities of EDP Produção received 41,962 visitors and 2010 was the year with the largest number. Cávado-Lima was the power plant visited most, with 17,000 visitors.

**20<sup>th</sup> - EDP introduces SOS Brasil** - EDP in Brazil and Instituto EDP started the SOS Brasil campaign to help collect goods for the victims of the heavy rains, floods and landslides in different states in Brazil, especially in the Group's concession areas, such as São Paulo and Espírito Santo. EDP in Brazil asked its employees to help collect toiletries, cleaning products, clothing and non-perishable foodstuffs.

**EDP distributes energy-saving light bulbs to residents of eight municipalities in the Leiria district** - In 11 days EDP gave four energy-saving bulbs in exchange for four incandescent ones to everyone coming to the EDP light bulb swap van. This campaign was part of the ECO EDP Programme, and its target was to hand out 800,000 compact fluorescent bulbs in mainland Portugal. Throughout its life, this campaign will help save energy equivalent to that used by more than 66,000 households in a whole year and prevent CO<sub>2</sub> emissions, representing the annual carbon footprint of over 9,000 people. It avoids energy costs of more than 20 million euros.

**EDP in Brazil rescues fish** - An operation called Resgate de Peixes (Fish Rescue) took place at UHE Mascarenhas, in the municipality of Baixo Guandu, Espírito Santo at the end of January. Around 2.4 tonnes or six million fish were rescued.







# Highlights

## 1<sup>st</sup> Half 2011

### Feb.

**1<sup>st</sup> - EDP donated 73 tonnes of goods to charity** - The goods were donated to 340,000 beneficiaries. The Recolha de Bens EDP 2010 Campaign took place in December 2010 and January 2011 and also involved the Group's companies in Spain and Brazil. In Portugal, EDP employees contributed 519 hours of volunteer work and helped collect 34 tonnes of goods. They were donated to 99 charitable institutions and helped around 334,000 people. Thirty-seven tonnes of goods were collected in Brazil and two tonnes at Naturgás in Spain. The partners in this project were Urbanos, Fundação Benfica, Ativism and Mop, along with Diário Económico, Lusa and TSF as media partners.

**18<sup>th</sup> - EDP begins construction of Foz Tua Dam** - Work began on the Foz Tua Dam after the signing of the contract awarded to the Mota-Engil / Somague / MSF consortium. The project involves an investment of 305 million euros and will help to create 4,000 jobs, 1,000 of them directly, over the next five years. Foz Tua will begin to generate power in 2015. It will have an installed capacity of 251 MW and will generate a gross average of 585 GWh a year, net average of 275 GWh year. Five municipalities will participate in setting up Sociedade de Desenvolvimento Regional do Vale do Tua, in order to enhance the region's local resources. The Tua line has been closed down between the dam and Brunheda station and a mobility project will be undertaken with a multimodal system for which EDP will provide a maximum of 10 million euros to leverage the overall financing of the project's key activities.

**18<sup>th</sup> - EDP signs agreements with the WindFloat project** - EDP signed a project agreement and a turnkey contract with several partners to set up the first real-scale WindFloat equipped with a two megawatt Vestas V80 offshore wind turbine off the Portuguese coast. InovCapital, Principle Power, Vestas Wind Systems A/S, A. Silva Matos and Fundo de Apoio à Inovação are some of the partners. The system will be tested at an EDP wind farm in Aguçadoura, where it will be connected to the grid for at least 12 months.





# Highlights

## 1<sup>st</sup> Half 2011

**Feb.**

**19<sup>th</sup> - General meeting of Associação Dadores de Sangue da EDP** - The general meeting of our blood donors' association, Associação de Dadores de Sangue da EDP, was held in Porto. All members were invited.

**24<sup>th</sup> - EDP opens FabLab** - EDP opened the first prototyping lab in Portugal, FabLab (Fabrication Laboratory). It is open to the community as a whole for quick implementation of ideas and projects. It has laser cutting machines, vinyl cutters, small and large milling cutters and 3D printers. It is based on the principle of learning by doing.

**EDP distributes energy-saving light bulbs in four municipalities in the Évora district** - EDP handed out energy-saving light bulbs to the residents of Arraiolos, Mora, Redondo and Viana do Alentejo in the Évora district in exchange for four incandescent bulbs taken to the EDP bulb swap van. This was part of the ECO EDP Programme.





# Highlights

## 1<sup>st</sup> Half 2011

**Mar.**

**2<sup>nd</sup> - Call for tenders for road to Alvito Dam** - Under an agreement between EDP Produção and Vila Velha de Ródão Municipal Council, a call for tenders will be issued for the restoration of Municipal Road 1355 between the IP2 and Vale do Cobrão and Foz do Cobrão. It should be completed in March 2012. The agreement has been approved by the local authority and ratified by Vila Velha de Ródão Municipal Assembly.

**23<sup>rd</sup> - New volunteer programme at EDP** - The new programme was introduced after a survey of EDP employees on volunteer work in Portugal in December 2010. It provides for each employee taking four hours a month to join EDP's volunteer team.

**23<sup>rd</sup> - EDP in Brazil benefits hospitals with EE programme** - EDP Escelsa will benefit 10 institutions and hospitals with its energy efficiency programme. It involves an investment of R\$ 1.2 million and will help save 819 MWh of electricity per year, a reduction of 272 KW, equivalent to the consumption of 340 homes. The plan provides for the replacement of 6,108 lighting points, 298 air conditioning units and 128 refrigerators.

**25<sup>th</sup> - EDP in Brazil opens two substations** – The state of Espírito Santo will have two new EDP Escelsa distribution substations, which will benefit more than 25,000 inhabitants. They involved an investment of more than R\$ 5 million.

**EDP Renováveis obtains OHSAS 18001:2007 certification** - An audit of the occupational risk management system at EDP Renováveis Europa was conducted in 2010. It resulted in renewal of its OHSAS 18001:2007 certification.





# Highlights

## 1<sup>st</sup> Half 2011

**Apr.**

**01<sup>st</sup> - Ribeiradio-Ermida hydroelectric plant hosts Ribeiradio-1 Primary School** - As part of the World Water Day celebrations, Ribeiradio-1 Primary School visited Ribeiradio-Ermida hydroelectric plant on 22 March. This was the first visit to the site, having completed the first step of a long journey in publicising the project among the local communities.

**05<sup>th</sup> - EDP Escelsa, in Brazil, is a highlight of "Luz para Todos"** - Representatives of the State management committee of the "Luz para Todos" (Light for All) programme met with EDP Escelsa to take stock of the programme in Espírito Santo state and to share the future actions and benefits it will bring to the population. More than 200,000 households will benefit in Espírito Santo. The company was praised by the Ministry of Mines and Energy for contributing to the distribution of electricity to more than 13 million people.

**07<sup>th</sup> - EDP and local authorities create Tua development agency** - EDP and the municipal councils of Alijó, Carraceda de Ansiães, Mirandela, Murça and Vila Flor have officially established the Vale do Tua Regional Development Agency. The aim of the Agency is to "enhance the local resources and exploit opportunities created by the Foz Tua hydroelectric plant, which foster the economic, social and cultural development of Vale do Tua.

**08<sup>th</sup> - EDP in Brazil sponsors exhibition of the country's history** – The "Construtores do Brasil" exhibition, sponsored by Instituto EDP, possesses a collection of 25 images of men and women who have guided the course of the history of Brazil. The exhibition was in São Paulo, where it was exhibited at the Mário de Andrade Municipal Library. The general public will also have access to biographies and documentaries, besides the paintings.





# Highlights

## 1<sup>st</sup> Half 2011

### **Apr. (continuation)**

**11<sup>th</sup> – Meeting with local authorities of Baixo Sabor** - In order to enhance engagement of the Baixo Sabor hydroelectric plant and local communities, EDP Produção has been in regular contact with the local authorities encompassed by the works' implantation site. Accordingly, on 24 March, the chairmen of the parish councils of Torre de Moncorvo, Larinho, Felgar, Cardanha and Adeganha and the mayor's chief of staff of Torre de Moncorvo Municipal Council visited the plant's downstream development reach.

**11<sup>th</sup> - EDP in Schools reaches Espírito Santo state in Brazil** - After working in the schools of São Paulo, the EDP in Schools programme is now distributing academic kits among the schools of the public education system in Espírito Santo. This initiative was supported by volunteer employees. Will be offered, more than 9,000 academic kits, to schoolchildren of 19 municipalities of the states of São Paulo, Espírito Santo, Rio Grande do Sul, Santa Catarina, Mato Grosso do Sul and Tocantins by the end of April.

**12<sup>th</sup> - EDP in Brazil implements the “Green Printing” project** - EDP has begun to implement printing outsourcing, conducted by the IT and Procurement areas and also by Instituto EDP. The aim is to reduce paper consumption in the company, improve the quality of printing and copying systems, and reduce costs. The programme is based on 3 pillars: environmental, social and economic.

**13<sup>th</sup> – New EDP head office in Porto** - The new building consists of two blocks with a built area above ground of 18,545m<sup>2</sup> and has about 1,100 employees. The new building frees up 22 of the facilities currently occupied by the various Group companies, significantly improving the ratios of area occupied and operating costs. The building is also notable for the technological level of the management and control systems and its multiple energy efficiency and sustainability solutions. Examples of this include the photovoltaic panels installed on the roof and façade, the shade-providing strips on the façades, the heating of water using waste heat from the HVAC system and using groundwater for the automatic irrigation system.

**13<sup>th</sup> - EDP is already on the social networks** – EDP has three pages on Facebook: EDP (corporate), ECO programme and the Electricity Museum.





# Highlights

## 1<sup>st</sup> Half 2011

### **Apr. (continuation)**

**14<sup>th</sup> – Schools from Sertã, Figueira da Foz and Carregal do Sal visit Lares** - 80 students attended a classroom presentation that focused on all the operations of a natural gas combined cycle power station. After this exhibition a film on the construction of the power station was shown, following which the groups toured the facility.

**15<sup>th</sup> - Naturgas Energia reaches 10,000 km of natural gas distribution and transportation network** – 41% of the network is in the Basque Country, 19% in Múrcia, 19% in Asturias and 17% in Cantábria. The remaining 4% is located in Castilla y Leon, Cataluña, Extremadura, Navarra and Madrid.

**19<sup>th</sup> - EDP in Brazil, Mariana Resettlement** - EDP contributed to improving the quality of life of the community living near the reservoir of the power station at Tocantins, through technical improvements of the irrigation system, electricity and housing.

**20<sup>th</sup> - "Talent City", EDP is one of 8 founding companies** – Talent City is a virtual city in which potential employees and organisations have joined forces to seek out talent. Young people, after registering, are invited to visit and learn more about the companies that are located in this virtual city. Visitors can reply to ads, find career opportunities and discover more about the represented business sectors, respond to the challenges posed by the companies and get answers about the job market.

**20<sup>th</sup> - Energy Efficiency Activity at Lisbon Zoo, Sustainability Week** – EDP, in partnership with TSF, held a treasure hunt at Lisbon Zoo with questions on energy efficiency and safe energy use. At the entrance to the zoo, the children received a passport with the places (the animals) where they had to go. At each location an EDP monitor asks a question on Energy Efficiency and those answering correctly get a stamp in the passport. Children with four stamps can then play the "Wheel of Fortune" and receive a gift. The parents accompanying the children are given an energy saving lamp.



# Highlights

## 1<sup>st</sup> Half 2011

### **Apr. (continuation)**

**20<sup>th</sup> - Handout of edp5D Blankets** - edp5D promoted a campaign to offer 300 polar blankets, through personalised delivery of ACTT. The recipients were the domestic customers who always used the cinema tickets offered by edp5D.

**20<sup>th</sup> - EDPR NA commemorates Earth Day at Blue Canyon Wind Farm** - Blue Canyon Wind Farm (EDPR NA) and the Western Farmers Electric Cooperative commemorated the annual Earth Day meeting, for the eighth year. More than 300 students and teachers of the local community participated in activities related to the theme of wind.

**29<sup>th</sup> - Carregado Thermoelectric Power Station awarded medal** - Carregado thermoelectric power station was awarded the Silver Municipal Merit Medal Alenquer Municipal Council.

**HC Energía receives EMAS registration at Soto de Ribera** – The Soto de Ribera combined cycle power station raised its EMAS registration to Group 5.

**Soto 3 operates with Royal Decree on carbon** – the most modern generating set of the Ribera de Arriba coal-fired power station came into operation in accordance with the Royal Decree on Carbon that encourages the use of domestic coal for generating electricity.

**The Solidarity Day project advances towards implementation** – The social welfare project for supply of electricity to a health centre in Benin is undertaken by HC Energía employees and by the NGO Energía Sin Fronteras. After preparing the detailed technical study and confirming the availability of funds, the material specifications for the installation were prepared. The logistics preparation for the shipment of the material was also conducted.





# Highlights

## 1<sup>st</sup> Half 2011

### May.

**02<sup>nd</sup> - EDP Distribuição to tour the country with the “Your Energy” truck** - The aim of this roadshow is to take the issue of energy efficiency to the schools of the 1<sup>st</sup> stage of basic education, in order to integrate the theme into the daily routines of young children and also to raise their awareness of energy efficiency and safe energy use.

**02<sup>nd</sup> – Exhibition at the Electricity Museum, EDP Distribuição’s Bird Protection Practices** - More than 21,000 people of different age groups visited the exhibition, most of them school children. Two short films were shown and leaflets distributed which highlighted the measures that are implemented on the electrical infrastructure carriers to reduce the negative impact on birds. Small badges with images of emblematic species that have benefitted from this initiative were also given out.

**03<sup>rd</sup> – EDP takes poetry to the schools of Trás os Montes** - EDP toured the secondary schools of Trás-os-Montes with the Voz Project, a nationwide initiative organised by Produções Fictícias, covering seven municipalities of the area of influence of the Sabor, Foz Tua and Fridão dams: Mogadouro, Macedo de Cavaleiros, Mirandela, Carrazeda de Ansiães, Alijó, Murça and Mondim de Basto.

**03<sup>rd</sup> - EDP Distribuição and Leiria Municipal Council sign protocol** - EDP Distribuição, strengthening its relationship with local authorities and the local population, signed a protocol for the transfer of land with Leiria Municipal Council, following the urban and environmental renovation carried out under the Polis Programme and the rehabilitation dynamics of the old quarter of the city.

**03<sup>rd</sup> - EDP Bandeirante in Brazil introduces the Energy Efficiency Program to hospitals and other beneficiary entities** – Eight entities will benefit from the Energy Efficiency Program, through a reduction in energy expenses. The programme will invest BRL 925,000 to generate energy savings of 733 MWh/year, equivalent to the consumption of 305 residential units. The action schedule envisages the replacement of 160 electric showers and installation of 147 high energy efficiency solar water heaters.



# Highlights

## 1<sup>st</sup> Half 2011

### May. (continuation)

**05<sup>th</sup> - EDP Distribuição again joins forces with the Faculty of Engineering of Porto University-** As in recent years, students of the Faculty of Engineering of Porto University (FEUP) visited two EDP Distribuição substations.

**05<sup>th</sup> - Inovação and IEDP will be partners of Portable Light in Pará, Brazil** - Inspired on the work undertaken at Kakuma, and sustainability, innovation and social development pillars, the project begins to be prepared in favour of low-income or isolated communities in Pará state. The Innovation area and Instituto EDP, in partnership with IDB (Inter-American Development Bank), and IDEEAS (an NGO focused on making access to electricity universal) has developed the Portable Light Kit. The Portable Light offers flexible photovoltaic panels with a control circuit with battery (3 hours of solar charging) coupled to an LED (4W) and a reflective fabric. It stores energy for lighting (10 hours) and it can recharge small appliances via a USB connection.

**09<sup>th</sup> - EDP contracts equipment to reinforce Salamonde** - Salamonde II is part of the hydroelectric energy investment plan of the EDP Group. This plan will increase the installed capacity by approximately 3,500 MW by the end of the decade. It involves investments of close to EUR 3.2 billion, and will generate about 35,000 jobs directly and indirectly. It will specifically contribute to reducing fuel imports and reducing CO<sub>2</sub> emissions costs. More than 40% of contracts are guaranteed for domestic companies.

**09<sup>th</sup> - EDP in Brazil introduces electric mobility to the campus of USP university -SP** – EDP in partnership with São Paulo University (USP) has introduced electric mobility technology to the university's campus. EDP will donate 15 electric motorbikes and six battery recharging stations, two of which are hybrids, to be installed throughout the university.

**09<sup>th</sup> - Mural Painting of Fogueteiro Substation** – EDP and the Vale de Chicharos local authority challenged the local population to paint the wall of Fogueteiro substation . The wall was built to ensure the safety of the substation and the residents. Biodiversity was the theme for the mural.





# Highlights

## 1<sup>st</sup> Half 2011

### May. (continuation)

**11<sup>th</sup> - Porto University Civil Engineering Students visit Baixo Sabor** - A group of 30 students and teachers of the Geotechnical and Hydraulic areas of the Faculty of Engineering of Porto University (FEUP) visited the works of the Baixo Sabor hydroelectric plant, in Torre de Moncorvo, on 27 April.

**11<sup>th</sup> – Mondego Network and Customers host top-level safety initiative** - The Mondego Network and Customers Department (DRCM) held, at its premises on Rua do Brasil, in Coimbra, the first safety meeting at the highest level of its structures at the end of April. The meeting was attended by all the actors monitoring the 2010 Rolling Contract.

**12<sup>th</sup> – EDP and “Dentistas do Bem” in Portugal** - 180 voluntary dentists provide free consultations to needy youngsters aged up to 18 years. An initiative of Fundação EDP and the Turma do Bem NGO.

**12<sup>th</sup> – Inauguration of the Natural Electricity Museum** - The municipality of Seia opened the Natural Electricity Museum, during the European Energy Week. The museum is a joint project of EDP and the local municipal council.

**13<sup>th</sup> – EDP Escelsa will invest 18,000,000 in fighting losses** – The gains achieved in 2010 were calculated, representing a 16 GWh decrease in losses from 2009. The plan for 2011 includes investment of 18 million on actions such as : training, campaigns and contact with government officials, 176,000 inspections to combat fraud, dismantling of 120,000 illegal connections, the replacement of 21,038 damaged low voltage meters, the installation of 344 low voltage 0.6 kV measurement sets, the installation of 85 medium voltage 15 kV measurement sets, and the installation of 2,500 remote metering devices (TAD) to minimize meter reading impediments.



# Highlights

## 1<sup>st</sup> Half 2011

### May. (continuation)

**16<sup>th</sup> - Lean pilot project launched in the Corporate Centre, DCG and UNGE** - Lean is a methodology for EDP's ongoing improvement. It is currently implemented in 10 EDP companies, directly encompassing over 2,000 employees and with more than 3,000 improvement initiatives in progress. Following the launch of the Lean Programme in the Information Systems Department in 2008, a lean pilot project of two improvement initiatives began in May, with the aim of extending the Lean methodology in the corporate centre. The chosen initiatives are: Management of information reporting in UNGE and Review of the EDP Group's operational scorecards.

**18<sup>th</sup> - EDP Bandeirante opens Pedreira Substation, in Itaquaquecetuba** - The substation will supplement the supply provided by two other stations in the region, expanding the benefits to about 90,000 medium and low voltage customers. The new unit will have a capacity of 66.6 MVA, distributed over eight medium voltage feeders. This substation is fed by a new high voltage distribution line consisting of 23 towers.

**20<sup>th</sup> - All Group certifications in one place, Certipoint** - This collaborative application registers and disseminates the certifications awarded the Group by external and independent entities in the fields of Quality, the Environment and Occupational Health and Safety.

**24<sup>th</sup> - Tergen-Lares, 1000 accident-free days** - On 8 May 2011 the operating team of Lares thermoelectric power station recorded 1,000 days without any accidents. This period began on 11 August 2008, with the integration of the production technicians.

**24<sup>th</sup> - EDP Bandeirante issues Tree Planting Guide for Public Roads and Green Spaces** - The initiative, developed with the advice of experts in the forestation field, provides information on the importance and effects of trees in urban areas, as well as related legislation, planning, planting techniques and the management of plants on public roads. This initiative is intended to harmonize the interaction of vegetation with the power supply grids and foster the reduction of the number of outages due to branches and trees falling on power lines. It is prepared based on the sustainability policy of the EDP Group.





# Highlights

## 1<sup>st</sup> Half 2011

### May. (continuation)

**25<sup>th</sup> - Protocols signed for Fridão Hydroelectric Plant** – the protocols were signed between EDP Produção and the municipalities of Amarante, Celorico de Basto, Mondim de Basto and Ribeira de Pena, the municipalities of the area affected by the hydroelectric plant. These protocols are intended to establish the terms and conditions of EDP Produção's share in regional development projects and the associated amounts.

**26<sup>th</sup> - For you if you don't miss school, fostering academic success** - Fundação Benfica, Fundação EDP and Mondim de Basto Municipal Council launched the "For you if you don't miss school!" project with 66 children of the Escola EB 2,3/S Mondim de Basto school. The project aims to combat truancy among children and young people and promote academic success. This project, which began in Amadora, is now expanded to Mondim de Basto, one of the municipalities covered by EDP's new hydroelectric investments. The "For you if you don't miss school!" project has more than 600 beneficiaries in 7 territories, and it aims to provide children and young people the opportunity to progress in school through participation in various activities that include not only sport but also lessons of Did you know? (Mathematics), Journalism (Portuguese) and IT.

**26<sup>th</sup> - EDP opens the doors of the former power station of Feira de S. Mateus** – As part of the activities related to the 6th Children's Municipal Assembly of Viseu, EDP opened the doors of its former power station of Feira de S. Mateus to the 4th Year of Escola de S. Miguel school, of the Escolas Grão Vasco school grouping. The theme of this visit was " 35 years of local power", and it gave the students, now wearing the cape of child members of the municipal parliament, an insight, albeit superficial, of the history of this former power station once turned into a museum.

**26<sup>th</sup> - Porto Grid and Customers Replace Mercury Vapour Light bulbs in the City of Porto** - The Porto Grid and Customers Department (DRCP), in partnership with Porto Municipal Council, replaced the mercury vapour light bulbs used for street lighting in Porto. This intervention encompassed the removal of more than 1,000 mercury vapour spotlights and their replacement, mostly with high pressure sodium vapour lamps.



# Highlights

## 1<sup>st</sup> Half 2011

### May. (continuation)

**27<sup>th</sup> - Learn to enterprise, a challenge that makes us want more** - EDP promoted the involvement of its employees in the voluntary Learning to Enterprise programme of Junior Achievement Portugal, a non-profit organisation that aims to develop entrepreneurship, creativity and innovation in future generations. This year's programmes focused on the subjects: The Family (1st stage of basic education), The Community (1st stage of basic education), The Economics for Success (3rd stage of basic education) and The Company (Secondary Education).

**27<sup>th</sup> - North Grid and Customers concluded an important phase of the campaign to reduce street lighting in urban areas** – The campaign to reduce street lighting in urban areas was the result of a proposal of the Minho and Lima Intermunicipal Community (CIM) , in dialogue with EDP Distribuição. This agreement encompassing all municipalities of Viana do Castelo district consists of selectively disconnecting some circuits at an established time, defined by the municipal councils, except in the zones already equipped with flow controllers. The street lighting control panels of 275 distribution transformer stations benefitted with this measure. At the same time, there is an ongoing campaign that aims to provide all street lighting control panels with astronomical clocks in the 10 municipalities of the Minho and Lima Intermunicipal Community.

**30<sup>th</sup> - Energy efficiency projects of EDP Escelsa, in Brazil** - Through the Good Energy in the Community programme, the distributor has already benefited 240 districts of Grande Vitória and other regions of the state. In March, EDP in Brazil began the replacement of 5,000 old refrigerators for low-consumption refrigerators bearing the PROCEL seal. The customers receiving the new refrigerators were selected from a survey conducted by EDP Escelsa of 135 million homes, mainly aiming at harmonising customers' grid connection and meter cabinets. Since 2008, 424,000 incandescent bulbs have been exchanged for fluorescent bulbs and 27,000 electricity meter cabinets have been installed in new consumer units and also in those with older models, in a rundown state, that created a risk for the customer and the community.



# Highlights

## 1<sup>st</sup> Half 2011

### May. (continuation)

**31<sup>th</sup> - Schools of Trás-os-Montes visit the EDP greenhouses** – As part of the Biodiversity Policy of EDP regarding the Involvement of the School Community, students of the 5th and 6th year of Escola EB 2/3 Sendim school in Miranda do Douro visited the EDP greenhouses in Setúbal, on 19 May, to see the germination of the seeds they had collected last autumn in the areas affected by the Picote, Bemposta and Baixo Sabor dams. This visit to monitor the evolution and growth of seeds is part of the second stage of landscape recovery associated with the Group's hydroelectric projects underway on the international section of the River Douro and at Baixo Sabor. The first stage of the project was the collection of seeds, and it will be concluded early next year when the same children plant the germinating plants in Trás-os-Montes. The reforestation of the areas surrounding the zones to increase the capacity of Picote and Bemposta and the Baixo Sabor hydroelectric plant form part of the package of environmental offsetting measures that EDP is bound by under the environmental impact statements. The company must use native species and also reforest an area in excess of that to be covered by the dam reservoirs.



# Highlights

## 1<sup>st</sup> Half 2011

**Jun.**

**01<sup>st</sup> - Coimbra Engineering School Students visit North Control Centre** - The main aim of the visit was to show the operation and main responsibilities of an EDP control centre, as well as visit the Alto de S. João substation.

**02<sup>sd</sup> - Ribatejo power station supports local authority initiative on World Children's Day** – Several hundred children visited Quinta da Piedade, in Póvoa de Santa Iria. In an initiative organised by Vila Franca de Xira Municipal Council, various organisations of this community were invited to help turn the event into a reality. EDP provided transport as well as t-shirts and caps to equip the organisation and all the volunteers taking part, including the elderly and disabled persons.

**02<sup>sd</sup> - EDP Solidária 2011 supports a further 27 social welfare projects** - 27 projects will receive support from Fundação EDP through the EDP Solidária 2011 programme. A total amount of EUR 425,000 will be made available for those projects. The EDP Solidária programme, which is already in its 8th year, is now one of the largest third sector support programmes in Portugal. This year it received a record number of 756 applications. The number of institutions supported by Fundação EDP through this programme, including the projects selected for the 2011 period, has grown to 104, which overall support more than 650,000 direct beneficiaries.

**03<sup>rd</sup> - EDP inaugurates Roman Blandey Wind Farm** - With an installed capacity of 10 MW, the Blandey Roman wind farm is the first to start operating in the l'Eure region of Upper Normandy. EDP currently has 25 wind farms in France with an installed capacity of 284 MW.

**03<sup>rd</sup> - InovCity in Évora is made a European reference project** - InovGrid was selected by the European Commission and Eurelectric as a single case study from among more than 260 Europe-wide projects of smart energy networks. InovGrid was chosen because it demonstrates, in an integrated and comprehensive manner, the many benefits of smart grids in their core areas: customer/consumer and operator and distributor of electricity, through a service of improved quality, more information to the consumer, allowing them to have an active participation in managing their consumption and ensuring greater operating efficiency by the operator.







# Highlights

## 1<sup>st</sup> Half 2011

### **Jun. (continuation)**

**06<sup>th</sup> - Electricity Power Station in KidZania** – On 28 May EDP opened the electricity power station at KidZania, where children will have the opportunity to develop a series of activities through which they can learn more about the various sources of energy and energy efficiency before putting into practice, immediately afterwards, the knowledge acquired by choosing one of three trades: electrician, energy efficiency auditor or wind farm technician. As a way of raising awareness on the theme of Energy among youngsters, EDP and KidZania celebrated Energy Week, providing special activities for all children who work in the EDP electricity power station.

**09<sup>th</sup> - Energy Certifications reach EDP stores** - EDP Serviços organised, together with Home Energy, the company it has recently taken over, a training session for the managers of the EDP Soluções Comerciais stores. The aim was to explain the business process of selling energy certifications and thus boosting sales through the commercial channels of EDP. The national legislative framework of energy certifications was presented as well as details of the product that EDP is preparing to launch, such as certification models, pricing structure, the main advantages and selling points, in addition to the main differentiating factors of the product.

**14<sup>th</sup> - South Grid and Customers offers vehicle to Mourão Voluntary Fire Brigade** - A special vehicle with four-wheel drive was offered, which will equip this fire brigade with the means to establish a team specialising in boat rescue operations at the Alqueva reservoir.

**14<sup>th</sup> - EDP Escelsa opens 21 customer service branches in Espírito Santo, Brazil** - EDP Escelsa now has a total of 69 branches, covering more than 300,000 inhabitants. In September another facility will open, taking its branches up to 70 in its concession area, covering 70 municipalities of the state. A guideline used for the opening up of the new branches was the preference for local labour, in order to generate jobs in the municipality and making good use of the knowledge of the customers of that location.



# Highlights

## 1<sup>st</sup> Half 2011

### **Jun. (continuation)**

**16<sup>th</sup> - EDP takes over the Santo Antônio do Jari hydroelectric power station, in North Brazil** – Construction is envisaged for the 3rd quarter of this year in the states of Pará and Amapá. The installed capacity will be 300 MW, corresponding to an average 196.1 MW of guaranteed energy, already approved by ANEEL, of which 190 MW have been sold at auction A-5 in December 2010 for a period of 30 years to 31/12/2044, when the concession end. The project also envisages the addition of 73.4 MW of installed capacity, which is pending approval by ANEEL. The construction permit issued by IBAMA already encompasses that capacity increase.

**18<sup>th</sup> - HC Energía celebrates the Nature Festival at Siero** – HC Energía customers and employees commemorated Nature Day at Bosque de la Acebera. The activities included the planting of trees, as part of the Fundación HC Energía project to plant indigenous trees.

**21<sup>th</sup> - Monitoring Audit and extension of the EMS in EDP Distribuição-** Lloyd's conducted another Monitoring Audit and Extension of the Environmental Management System (EMS) of EDP Distribuição, which is certified according to NP EN ISO 14001, between 23 May and 3 June. A further 22 substations were included in the EMS, in addition to the 18 already covered by the system. Therefore, the EMS covers a total of 40 substations, about 10% of the total number of such facilities.

**21<sup>th</sup> - 2011 EDP Prevention and Safety Meeting** – The meeting took stock of 2010 and discussed new guidelines for this area. The ceremony for the award of the EDP Prevention and Safety in the Workplace Prize was also held.

**21<sup>th</sup> - University students given tour by EDP Escelsa, in Brazil** - EDP, through the IV Capixaba Energy Forum, offered 25 students of the engineering faculties of Grande Vitória the opportunity to visit the group's facilities in Espírito Santo.



# Highlights

## 1<sup>st</sup> Half 2011

### Jun. (continuation)

**22<sup>th</sup> - Environment and safety strengthened at Fratel dam** – Fratel hydroelectric plant located at Amieira do Tejo, in Nisa municipality, mounted a grid cleaning system that will now begin operating on a trial basis. This system will improve the environmental performance of the power station of this development. The system permits the effective cleaning of the grids of the generating sets, which will improve operating conditions and reduce generation losses and operating costs.

**22<sup>th</sup> - EDP in Brazil, wildlife monitoring studies at Tramandaí Wind Farm, Rio Grande do Sul** - During the works to construct the wind farm, EDP Renováveis employed an environmental officer. EDP Renováveis acted in two planes to protect wildlife: one work front carried out the monthly monitoring of fauna, which consisted of analyses of reptile, amphibian, mammal (land and flying) and bird groups. A team of biologists and veterinarians was also present during the works, which made the identification, marking and relocating of Flamarion's tuco-tucos (*Ctenomys flamarioni*) that were in the earth excavation and movement areas, to prevent their injury. This species only occurs on the coast of Rio Grande do Sul and it is in imminent danger of extinction. A total of 51 tuco-tucos were relocated.

**24<sup>th</sup> - EDP seals partnership with Novos Povoadores** - EDP, Novos Povoadores and Alfândega da Fé Municipal Council are going to advance with a pilot project to encourage the new families to move to these municipalities. The initiative, officially signed on 29 June, aims to meet one of the main expectations found by EDP in the surveys conducted in the regions covered by the new dams. The creation of conditions to retain young people and attract new residents is at the top of the list of concerns, alongside jobs and tourism development. EDP draws on the experience of Novos Povoadores, which has been developing the concept of repopulation of the areas of the country that have lost most residents through the migration of urban families. The project will be financed by EDP, under the range of initiatives to promote development in the municipalities covered by new hydroelectric investments.

**25<sup>th</sup> - EDPR NA employees volunteer in an Animal Shelter** – Under the EDP Volunteering programme, 25 employees of EDPR NA and their families took part in a voluntary event at the Animal Shelter and BARC adoptions in Houston, Texas.



# Highlights

## 1<sup>st</sup> Half 2011

### Jun. (continuation)

**26<sup>th</sup> - EDP in Brazil launches 2011 Culture and Sports Policy** – The Group companies will select cultural and sporting projects to be sponsored in the municipalities where it operates in the states of São Paulo, Espírito Santo and Tocantins. The public selection process will focus on projects aimed at children and young people aged up to 21 years and the population with the lowest income level.

**27<sup>th</sup> - Mondego Grid and Customers promotes proximity to local communities** - In line with the policy of proximity to local communities adopted by EDP Distribuição long ago, the Mondego Grid and Customers Department donated an all-terrain vehicle to Salzedas Parish Council, of Tarouca municipality.

**28<sup>th</sup> - First Stage of the repowering of Mascarenhas hydroelectric power stations, in Espírito Santo, completed** - EDP completed the repowering of the third generating unit of Mascarenhas hydroelectric station, at Baixo Guandu, Espírito Santo, thereby increasing power generation by 8.5 MW. This project strengthens the country's electricity sector and ensures even better quality for our customers. The completion of this project means that the installed power at the hydroelectric station is raised from 180.5 MW to 198 MW.

**28<sup>th</sup> - EDP sponsors the Cascais CoolJazzFest 2011 Festival and offsets the CO<sub>2</sub> emissions** - By offsetting all the emissions of the Festival - 346 tonnes of CO<sub>2</sub> emissions - EDP is supporting a sustainable project: the construction of the Babilónia small hydroelectric power station, Honduras. The offsetting includes generators, festival vehicles, giveaways and materials, waste, mobility of spectators, event coordination, mobility, accommodation and flights for the bands, among other festival logistics. The main goal of the small hydroelectric power project is to avoid building new thermoelectric power stations in the area and generate energy in a safe and clean way. The offsetting process for festivals and events involving EDP supports the issuance of neutral emission certificates®.

**29<sup>th</sup> - EDP in Brazil keeps its ISO 9001:2008 certification** – Following the external audit, which occurred on 20 and 21 June, EDP kept its ISO 9001:2008 certification for the fields of Data Collection and Analysis of Technical Indicators of Quality and Energy Efficiency Programme.







# Highlights

## 1<sup>st</sup> Half 2011

### **Jun. (continuation)**

**30<sup>th</sup> - Sustainability and Annual Report of the EDP site in Brazil gains an adapted version** – The area and material is accessible to disabled persons following these changes, allowing them to navigate without difficulties. All changes were made based on W3C recommendations for accessibility (the international community that sets the standards for the Web).

**30<sup>th</sup> - EDP Renewables meeting with shareholders** – On 11 June, EDP Renewables held its third annual meeting of shareholders, in Oviedo, Spain.

**HC Energía publishes its 2010 Sustainability Report** – Under the theme of “A World of Smart Energy”, HC Energía published its Sustainability Report for the eighth consecutive year. This publication follows the guidelines of the GRI G3 guide, with an A + application level.

**“Feel Our Energy” reaches Murcia, in Spain** – The education programme in which more than 10,000 children of Asturias and the Basque Country have participated has now come to the region of Murcia for the 2011-2012 academic year. Like the programme in Portugal, this is an opportunity for children aged between 6 and 9 years to learn about energy sources, energy efficiency and be advised on safe ways to use electricity.



# Notes

## 1<sup>st</sup> Half 2011







# Notes

## 1<sup>st</sup> Half 2011

### Notes:

- ✓The figures reported have not been audited;
- ✓The figures reported exclude information for the Trillo nuclear power station.

### Glossary:

<http://www.edp.pt/pt/Pages/Glossario.aspx>

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