

## → SUMMARY OF 2007 ACHIEVEMENTS

COMMITMENTS/OBJECTIVES	2007 ACTIONS UNDERTAKEN	OUTLOOK AND ACTIONS
<b>Sustainable development commitment and approach to ethics</b>		
<p><b>Sustainable development commitments and implementation of SD policies</b></p>	<ul style="list-style-type: none"> <li>• EDF implemented plan to relaunch ethics:               <ul style="list-style-type: none"> <li>- New ethical reference framework and ethical commitments drafted and,</li> <li>- Distributed at all EDF entities,</li> <li>- Network of local ethics correspondents set up,</li> <li>- Ethics measures bolstered, toll-free number "Life in the workplace" for 30,000 people tested for six months</li> </ul> </li> <li>• Sustainable development promoted in-house:               <ul style="list-style-type: none"> <li>- Renewal of Sustainable Development Awards: over 600 projects submitted,</li> <li>- Action Planète energy savings program launched</li> </ul> </li> <li>• Corporate social responsibility policy drawn up</li> </ul>	<ul style="list-style-type: none"> <li>• Continue circulation and assimilation of the Ethics Charter</li> <li>• Group-wide deployment of approach to ethics</li> <li>• Develop an employee program to promote energy eco-efficiency</li> </ul>
<b>Risk Control</b>		
<p><b>Implement Group risk management and control procedure</b></p>	<ul style="list-style-type: none"> <li>• Joint Electricity Rapid Intervention Taskforce created by Hungarian and Slovakian subsidiaries and affiliates (Demasz and SSE)</li> <li>• Efficiency of pandemic plan approved</li> <li>• Customer electricity supply re-established in three weeks following Hurricane Dean in Martinique. Crisis resolution team formed to work in collaboration with the Electricity Rapid Intervention Taskforce (<i>Force d'intervention Rapide d'Électricité</i> - FIRE)</li> </ul>	<ul style="list-style-type: none"> <li>• Integrate climate and carbon risks into risk prevention and reduction processes</li> </ul>
<b>Anticipation of future challenges</b>		
<p><b>Schedule R&amp;D programs according to sustainable development energy challenges</b></p> <p><b>Assess implementation of scheduling</b></p>	<ul style="list-style-type: none"> <li>• 12 R&amp;D Challenges launched, notably on anticipating climate constraints on water, on the changing energy landscape (medium and long-term) and innovations in renewable energy and electricity storage</li> <li>• R&amp;D renewables program continued (solar photovoltaic, high output heat pumps, windfarms, marine turbines, re-use of biomass, deep hot rock geothermal)</li> <li>• Active technology watch for carbon capture and storage</li> <li>• Participated in "HOMES" project financed by the French agency for industrial innovation whose goal is to develop intelligent design architecture and components for tomorrow's buildings for up to 20% energy savings</li> <li>• Participated in "Energy Efficiency in Buildings" (EEB) sustainable construction project</li> <li>• European Center and Laboratories for Energy Efficiency Research (Ecleer) created jointly by EDF, the Paris <i>Ecole des Mines</i> and Lausanne's <i>Ecole Polytechnique Fédérale</i></li> </ul>	<ul style="list-style-type: none"> <li>• Continue research on 12 Challenges</li> <li>• Launch a prototype tidal farm</li> <li>• Launch a prototype ocean wave pump</li> </ul>
<b>Stakeholder dialogue</b>		
<p><b>Assure all stakeholders are informed of changes made to meet expectations expressed</b></p>	<ul style="list-style-type: none"> <li>• Joint meeting of Sustainable Development Panel, the Scientific Advisory Board and the Environment Board held in follow-up to France's national conference on the environment</li> <li>• Contributed to establishing public energy policy: Pierre Gadonneix named Chairman of the World Energy Council, drafting with the WBCSD of the report "Caring for Climate"</li> <li>• Development of workplace dialogue in France (8 agreements)</li> <li>• Actions by local consultative bodies (CLIs, observatories)</li> </ul>	<ul style="list-style-type: none"> <li>• Creation of a corporate social responsibility Advisory Board with stakeholders on topics of concern to society.</li> <li>• Creation of a Group Committee for France</li> </ul>

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<b>Management system</b>		
<p><b>Incorporate the Group's environmental policy within the environmental management system (EMS)</b></p> <p><b>Implement screening based on sustainable development criteria within projects and sales and marketing offers</b></p>	<ul style="list-style-type: none"> <li>• Deployment of Group EMS continued</li> <li>• Environmental screening of projects examined by a Project Commitment Committee (<i>Comité Engagements Projet - CEP</i>)</li> </ul>	<ul style="list-style-type: none"> <li>• EMS assessment integrating Group Environmental Policy targets</li> <li>• Extend environmental screening grid to ethical and societal criteria</li> </ul>
<b>Customer dialogue</b>		
<p><b>Develop sales and marketing initiatives based on the promotion of energy efficiency solutions at customer premises</b></p> <p><b>Continue to assist the most frail customers after the transfer of this responsibility from distribution to sales and marketing</b></p> <p><b>Improve accessibility to EDF services for people with disabilities</b></p>	<ul style="list-style-type: none"> <li>• National Consumer Service created</li> <li>• Group CSR Agreement Monitoring Committee reviewed treatment of vulnerable customers before and after market opening. Result: efficient specialization of teams and smooth running of measures now steered by the SNC</li> <li>• Energy and/or service offers promoting energy efficiency on the customer end developed: <ul style="list-style-type: none"> <li>- In France, <i>EDF Bleu Ciel</i> offer launched. In Germany, EnBW advises customers in energy efficiency and distributed renewables</li> <li>- New services offered for controlling energy consumption and renovation offers (audits, recommendations, assistance with project management)</li> <li>- Development with industrial partners of distributed renewables on the scale of entire buildings (heat pumps, photovoltaic, solar thermal, wood, thermal storage and consumption control) and of new insulation techniques (thin insulation and external thermal insulation systems,...).</li> <li>- "Together let's create our own energy" Tour organized in eight major French cities</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Sales and marketing development of EDF EnR Réparties</li> </ul>
<b>Supplier dialogue</b>		
<p><b>Incorporation of the ethical, environmental, social and societal criteria of sustainable development into dialogue with suppliers</b></p>	<ul style="list-style-type: none"> <li>• In France, supplier charter inserted in contract clauses. Supplier assessment criteria (supplier questionnaire / posting on-line on the purchasing portal) shored up. Awareness campaign in purchasing agencies in conjunction with <i>Mission Solidarité</i></li> <li>• EDF and Demasz conducted first supplier audits</li> <li>• Partnerships formed with associations representing the protected sector to foster more open supply-demand interface with buyers</li> <li>• In the UK, EDF Energy assessed suppliers in line with the UN Compact Global</li> </ul>	<ul style="list-style-type: none"> <li>• Continue program for social and societal auditing of suppliers</li> </ul>
<b>Climate change</b>		
<p><b>Commit to tackling climate change</b></p> <p><b>Adopt action plans aimed at reducing CO<sub>2</sub> emissions</b></p> <p><b>Draw up a carbon policy</b></p>	<ul style="list-style-type: none"> <li>• EDF's low CO<sub>2</sub> emissions energy mix strengthened</li> <li>• Contributed to nuclear relaunch in the United States, the United Kingdom, and in China. In France, development of the Flamanville 3 EPR</li> <li>• In China, joint venture signed between EDF and China Guangdong Nuclear Power Company (CGNPC) for the construction of two EPR reactors in the Guangdong province</li> <li>• In the UK, "Our Climate Commitments" published and partnership with London 2012 signed</li> <li>• Commitment to renewable energy bolstered: <ul style="list-style-type: none"> <li>- EDF Énergies Nouvelles and the renewables business among subsidiaries and affiliates,</li> <li>- EDF Énergies Nouvelles launched C-Power, one of Europe's largest offshore wind projects,</li> <li>- Positioning on the biofuel market: agreement signed with Alcofinance SA, European leader in ethanol distribution</li> </ul> </li> <li>• First experiment on plug-in hybrid vehicles with Toyota launched. "E = less CO<sub>2</sub>" booklet published to provide a better understanding of global warming, the issues involved in choosing energy, and everyday good energy habits</li> </ul>	<ul style="list-style-type: none"> <li>• Give concrete expression to nuclear relaunch objectives in the US, the UK, China and South Africa</li> <li>• Invest €3 billion in wind power from now to 2010</li> <li>• Be a part of the early drive to make energy efficiency a lasting business</li> <li>• Support the emergence of solar business</li> <li>• Improve CO<sub>2</sub> performance of the Group's generation fleet</li> <li>• Propose a plan of action for reducing emissions resulting from the company's everyday functioning</li> <li>• Aim for 2010 installation of a post-combustion capture system at EnBW's fossil-fired plant in Karlsruhe, designed to extract 90% of CO<sub>2</sub> from flue gas</li> <li>• Finish C-Power installation projects by 2011-2012</li> </ul>

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<b>Protection of biodiversity</b>		
<p><b>Approve, deploy and implement biodiversity policy</b></p> <p><b>Draft a guide to biodiversity</b></p>	<ul style="list-style-type: none"> <li>• Environmental impact study of Petit-Saut dam in French Guiana published at the end of 2007: presents results of over ten years of scientific research on the plant and animal life and the natural environment of this site</li> <li>• Partnerships signed between the EDF Foundation <i>Diversiterre</i> and the Natural Reserves of France, the Coastal Conservancy, the Nicolas Hulot Foundation and the French birding association (<i>Ligue de Protection des Oiseaux</i> - LPO)</li> <li>• EDF – IUCN partnership agreement drawn up</li> <li>• Partnership charter signed with the LPO to protect the Mediterranean environment</li> <li>• Nogent nuclear power plant implements biodiversity protection program</li> </ul>	<ul style="list-style-type: none"> <li>• Publish a biodiversity guide in partnership with the IUCN</li> <li>• Sign partnership between EDF and IUCN early 2008</li> </ul>
<b>Limiting environmental impact</b>		
<p><b>Draw up a waste management action plan</b></p> <p><b>Implement a plan to eliminate PCB transformers</b></p> <p><b>Draw up an action plan for contaminated soil</b></p> <p><b>Begin and continue work to reduce pollutant emissions</b></p>	<ul style="list-style-type: none"> <li>• GAGD waste action plan implemented. 2006 results on conventional waste management</li> <li>• Industrial ecology continued: in China, Laibin coal-fired plant sells ash and recovers clinkers</li> <li>• 2007-2009 contaminated ground strategic action plans finalized at each entity</li> <li>• The Le Havre denitrification unit brought on stream. The Cordemais units will be functional in 2008</li> <li>• Vazzio's denitrification system equipped with 7th and last motor in May NOx emissions divided by 4</li> <li>• In China, desulfurization of the Shiheng coal-fired plant</li> <li>• In the UK, Cottam plant finished desulfurization unit</li> <li>• Agreement signed with Medad, Ademe and Gimelec to voluntarily reduce SF6 emissions from low and high voltage installations</li> <li>• Tiru signed exclusive 5-year partnership with OWS (Organic waste systems) to develop the latter's methanation offer in France</li> </ul>	<ul style="list-style-type: none"> <li>• Finish inventory of EDF industrial and service locations in 2008</li> <li>• Bring into service 2 SCR system motors for denitrification at the Pointe-des-Carières plant in Martinique by 2010</li> </ul>
<b>Industrial safety and security</b>		
<p><b>Continue managerial initiatives and associated working methods to support longlasting results in nuclear and hydroelectric safety</b></p> <p><b>Improve safety in fossil-fired plants</b></p>	<ul style="list-style-type: none"> <li>• STEP 2010 five-year program and the 'housekeeping' of the nuclear plants continued</li> <li>• First operations of five-year SuPerHydro program for 2007-2011 as defined in 2006 (450 operations and €500 million for the period) launched</li> <li>• Program to improve the state of the fossil-fired facilities (safety) launched</li> <li>• 11<sup>th</sup> campaign to raise public awareness of security issues near hydro infrastructures</li> <li>• In the UK, EDF Energy launched Zero Harm Campaign</li> </ul>	<ul style="list-style-type: none"> <li>• Continue STEP 2010 five-year program and the 'housekeeping' of the nuclear plants</li> <li>• Continue five-year SuPerHydro program between 2007-2011</li> <li>• Continue program to improve the state of fossil-fired facilities</li> </ul>
<b>Nuclear waste management</b>		
<p><b>Responsible, transparent management of radioactive waste treatment, transportation and storage</b></p>	<ul style="list-style-type: none"> <li>• Three incidents recorded out of 202 shipments; all three below regulation level</li> <li>• Authorization granted for full dismantling of Chooz A and public surveys point to acceptance for the decommissioning of Saint-Laurent A and Chinon (nine reactors are currently being decommissioned in France)</li> </ul>	<ul style="list-style-type: none"> <li>• Study potential for operating reversible underground storage by about 2025 (under the condition that authorization is granted in 2015)</li> <li>• Continuation of Generation IV program which provides for an operational prototype of a 4<sup>th</sup> generation nuclear reactor which limits waste by about 2010</li> <li>• Submit new application to decommission Brennilis plant that provides for a public survey</li> </ul>

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<b>Socially responsible human resource policy</b>		
<p><b>EDF: formalize several-year agreement on the recruitment and re-integration of the disabled in the workplace</b></p> <p><b>Promote professional gender equality</b></p> <p><b>Promote corporate diversity and address discrimination</b></p> <p><b>Establish health and safety policy at Group level</b></p>	<ul style="list-style-type: none"> <li>• EDF: tracking committee formed to monitor application of commitments set down in the various agreements on the integration of disabled workers</li> <li>• Accessibility of EDF premises audited</li> <li>• EC Kraków (Poland) signed first agreement on job insertion for the disabled</li> <li>• Diversity achievements reviewed in early 2007 and implementation of programs and action plans continued:               <ul style="list-style-type: none"> <li>- Second agreement on gender equality signed</li> <li>- SSE (Slovakia) signed "AA" Antidiscrimination Agreement</li> </ul> </li> <li>• In France, new hiring policy implemented and Energy Day held on November 26</li> <li>• Security audit of EDF subsidiaries and affiliates in Poland, Hungary and Slovakia</li> </ul>	<ul style="list-style-type: none"> <li>• Work closely with young employees from underprivileged urban areas through personalized program</li> <li>• Review diversity</li> <li>• Evaluate and possibly extend experimental toll-free number "life in the workplace"</li> <li>• Renegotiate Group CSR Agreement</li> </ul>
<b>Corporate social responsibility policy</b>		
<p><b>Establish corporate social responsibility policy at Group level</b></p>	<ul style="list-style-type: none"> <li>• Corporate social responsibility policy signed to cover three main areas:               <ul style="list-style-type: none"> <li>- Improve access to essential energy services for vulnerable populations,</li> <li>- Work closely with partners and regions to support local projects in line with Group strategy</li> <li>- Contribute to developing education, especially on energy savings, and support work-study programs</li> </ul> </li> <li>• Partnership initiatives aimed at local development and grounded on energy service offers continued</li> <li>• EDF Energy and London Climate Change Agency formed partnership to create London ESCo</li> <li>• Access to energy projects in Mali, Morocco and South Africa continued. New projects in Madagascar, South Africa and Senegal launched</li> <li>• Nam Theun 2 project: health of populations relocated by NTPC tracked by the Pasteur Institute, then the IP in Laos will be associated with the NTPC</li> <li>• London Warm Zone program extended (EDF Energy)</li> <li>• Energy Assist program continued (EDF Energy)</li> </ul>	<ul style="list-style-type: none"> <li>• Deploy and implement Group-wide the corporate social responsibility policy</li> <li>• Provide assistance with local renovation and home improvement projects for run down public housing and individual homes</li> <li>• Provide housing for populations relocated to make way for Nam Theun 2</li> </ul>