

### Solid financial performance

Buoyant international\* businesses bolsters Group's results, with a material contribution from British Energy

♠ A financial structure amongst the best in the sector

**Sales:** € 34.9bn + 8.2%

**■ EBITDA:** € 10.1bn + 12.2%

Net income from ordinary operations: € 2,926M

ordinary operations: € 2,926M - 5.5%

Net income

(Group share): € 3,117bn stable

End-2008 End-H1 2009

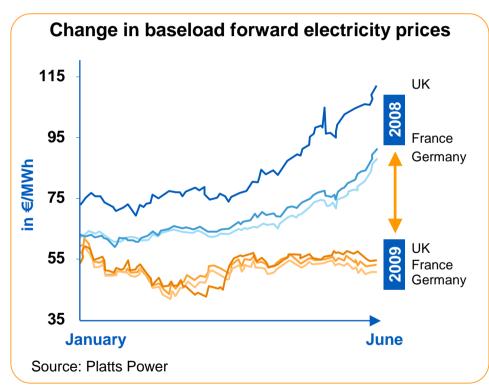
> of which € 10.8bn linked to the acquisition of British Energy

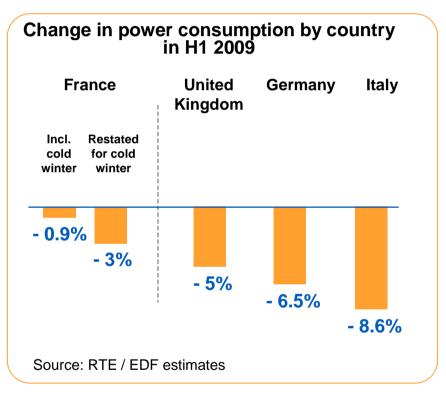


<sup>\*</sup> Including EDF trading and EDF Énergies Nouvelles

## Operating results demonstrate resilience against the backdrop of the economic crisis

Decline in power consumption and electricity market prices throughout Europe



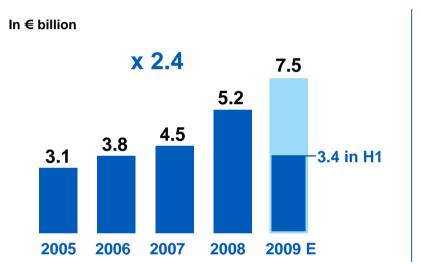


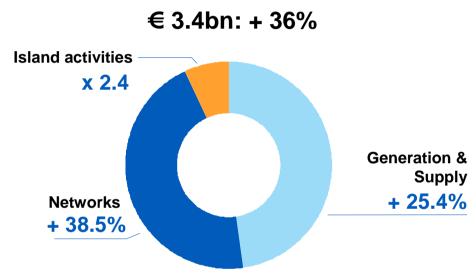
- Operating performance enabling the effects of the economic downturn to be contained
  - Impact of less than 2% of Group EBITDA in H1 2009



### France: a phase of increased Capex investment

Rising Capex





- Enhancement in operating efficiency (Operational Excellence):
  - Improvement trajectory in Kd\* confirmed at 85% by 2011, with a 2 percentage point improvement in 2009
- One-off events in H1 2009: storms early 2009 and social unrest



<sup>\*</sup> Definition of Kd excludes environmental and social impacts

## **Buoyant international\* businesses bolster Group's results**





- Integration of British Energy
- Further improvement in EDF Trading and EDF Energies Nouvelles performance

International operating Capex self-financed through international cash flow



<sup>\*</sup> Including EDF trading and EDF Energies Nouvelles, etc.

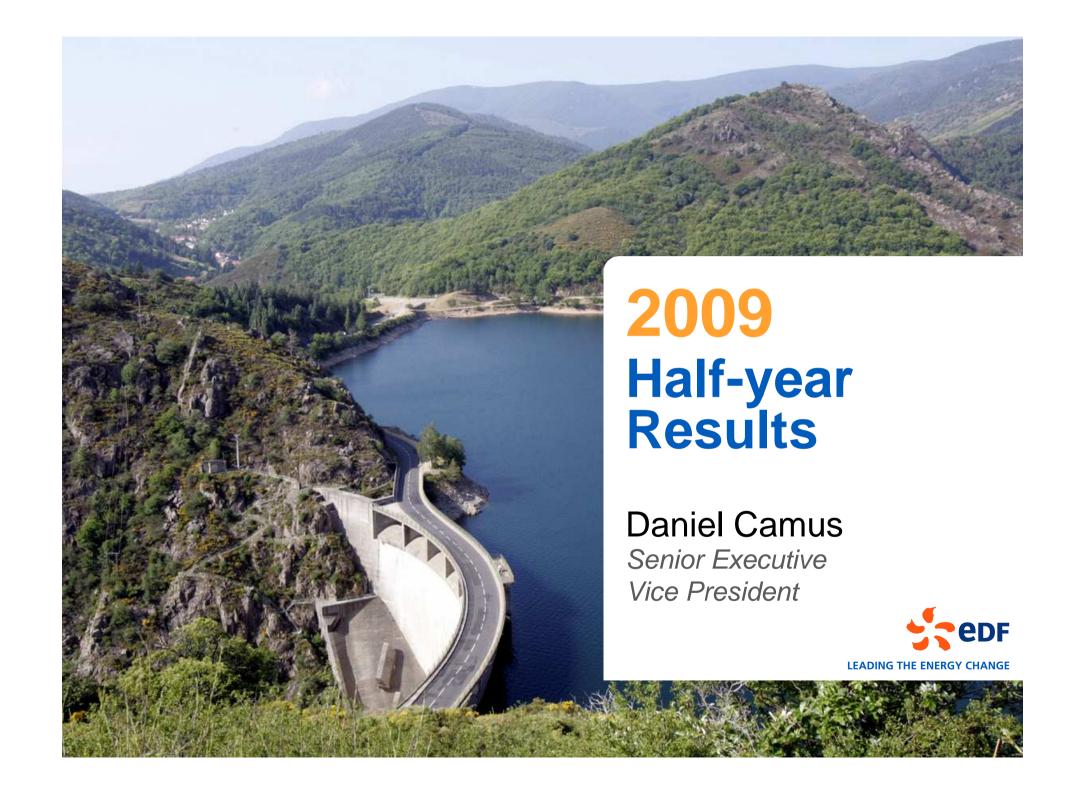
<sup>\*\*</sup> Overall growth

### British Energy, a value-creative acquisition

- A major acquisition for the Group
  - EDF Energy The leading generator and supplier in the UK
  - Develop of a series of 4 EPR new builds in the UK, with the 1st being commissioned in 2017
- Successful integration, with an improvement in industrial and financial performance above expectations
  - Significant increase in nuclear output in H1 2009 (+ 34%)
  - € 936 million contribution to Group's EBITDA in H1 2009, i.e. almost 10% of Group EBITDA
- Partnership with Centrica confirmed and acquisition of SPE in Belgium\*
  - € 1.2bn of net cash impact
- Financing of the acquisition by debt
  - Financial expenses of the acquisition debt covered by the cash flow generated by British Energy



<sup>\*</sup> Agreement subject to approval by anti-trust authorities

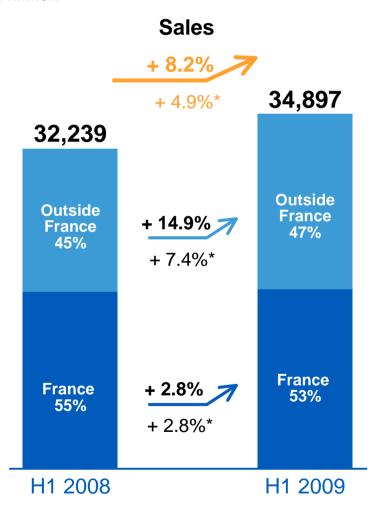


### H1 2009 key highlights

- Group's EBITDA growth of 12%, driven by successful integration of British Energy
- ▶ International EBITDA growth of 41%; organic growth of 11%
- ▶ EBITDA in France impacted by one-off events (social unrest and storms)
- FFO up by 8%; sizeable Free Cash Flow of € 1.7bn
- Departing CAPEX at € 5.6bn, of which € 3.4bn in France
- Financial expenses related to acquisition debt covered by British Energy's FFO
- EDF: best rating in the sector, financial flexibility maintained



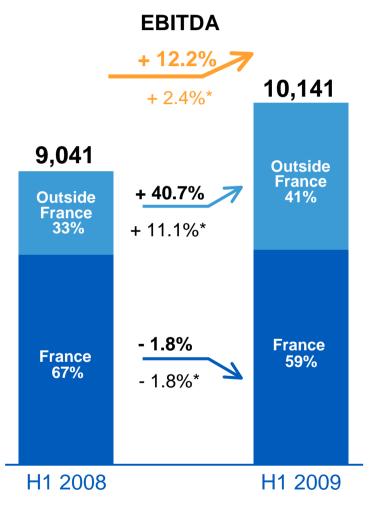
### Sales growth driven by international business



- Organic sales growth of + 4.9%
- International sales growth of + 14.9%, driven by British Energy
- Organic international sales growth of + 7.4%



## EBITDA growth driven by buoyant international business



- Group EBITDA organic growth of + 2.4%
- International EBITDA growth of + 40.7%
- Organic international EBITDA growth of + 11.1%



<sup>\*</sup> Organic growth

## Change in net income

	H1 2009	H1 2008	Δ <b>%</b>	∆% organic
<b>EBITDA</b> (Earnings before interest, tax, depreciation and amortisation)	10,141	9,041	+ 12.2%	+ 2.4%
EBIT (Operating income)	6,775*	5,913	+ 14.6%	
Net income (Group share)	3,117	3,116		
Group's net income from ordinary operations**	2,926	3,096	- 5.5%	- 4.4%

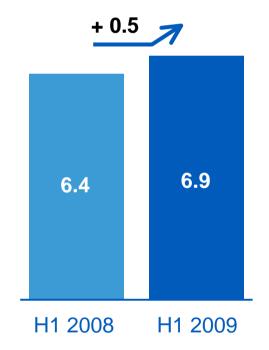


<sup>\*</sup> Including € 331M from the sale of Emosson drawing rights in H1 2009, as part of the creation of Alpiq \*\* Excluding non-recurring items

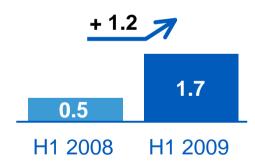
### Improved FFO and Free Cash Flow in H1 2009

In € billion

#### **Operating Cash Flow (FFO)**



#### Free Cash Flow (FCF)



- FFO increase = + € 0.5bn
- Improvement in ∆ NWC = + € 2.2bn
- Gross Capex growth = € 1.5bn



### International business and other activities

#### In € million

	H1 2009	H1 2008	Δ <b>%</b>	∆% Org.
Sales	16,575	14,422	+ 14.9%	+ 7.4%
EBITDA	4,185	2,974	+ 40.7%	+ 11.1%
EBIT	2,778	2,097	+ 32.5%	

Taking into account the growth in British Energy business, increase in EBITDA outside France amounts to + 21.1% in H1 2009

- Successful integration of British Energy
- Solid overall performance of international activities
- Operating Capex self-financed



# United Kingdom: business model enhanced by the acquisition of British Energy

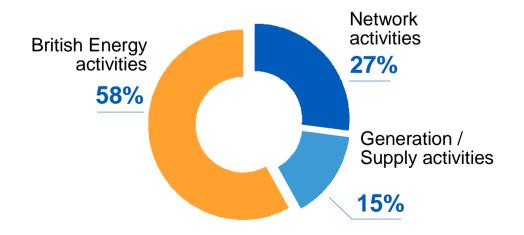
In € million	H1 2009	H1 2008	∆% Org.
Sales	5,757	3,945	+ 15.2%
EBITDA*	1,611**	587	+ 27.8%
EBIT	933	366	

<sup>\*</sup> Negative exchange rate effect of - €73 M on H1 2009 EBITDA

### Generation / Supply (excluding British Energy): very strong growth in sales and EBITDA

- Networks performance maintained, despite economic slowdown
- Strong contribution of British Energy to Group's EBITDA (+ € 936M)

#### **Breakdown of UK H1 2009**





<sup>\*\*</sup> Excluding IAS 39 impact, H1 2009 EBITDA amounts to €1,509M, i.e. organic growth of +10.4%

## United Kingdom: British Energy's EBITDA substantially up (+ 72%)

	H1 2009	H1 2008	Δ <b>%</b>
Output in TWh	30.6	24.2	+ 26.4%
of which nuclear	27.3	20.3	+ 34.5%

High level	of nuc	lear ge	nera	ation.
All reacto	rs onlin	e since	Q1	2009

Contribution of € 936M to Group EBITDA, ahead of FY guidance given in February 2009

EBITDA in €M	936	586*	+ 72.1%**
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Operating Capex maintained



<sup>\*</sup> H1 2008 comparable unaudited data

<sup>\*\*</sup> At constant exchange rates

## British Energy consolidated for the first time in H1 2009

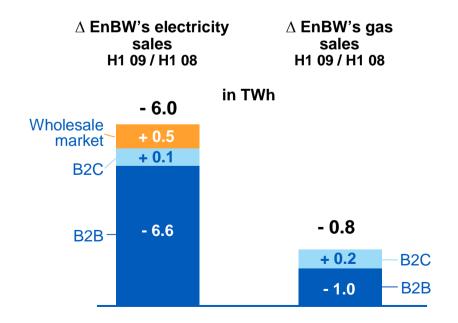


<sup>\*</sup> Brand, inventories, etc.



## EnBW: steady results against a slowing economic backdrop

In € million Stake in EnBW	H1 2009	H1 2008	∆% Org.
Sales	3,778	3,707	+ 1.6%
EBITDA	655	634	+ 2.2%
EBIT	465	454	

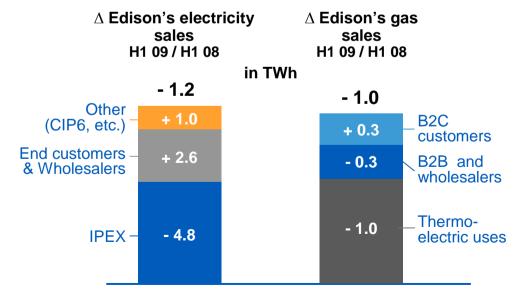


- Strategic development of EnBW's group ongoing
- Steady electricity EBITDA in spite of a decline in volumes sold to B2B customers
- Increase in performance of gas activities



## Italy: lower performance of electricity business against a difficult backdrop

In € million Italy Fenice, Edison (EDF's stake)	H1 2009	H1 2008	∆% Org.
Sales	2,525	2,817	- 8.7%
EBITDA of which Edison	393 352	457 392	- 13.8% - 10.7%
<b>EBIT</b> of which Edison	146 <i>15</i> 2	224 196	



#### **EDISON**

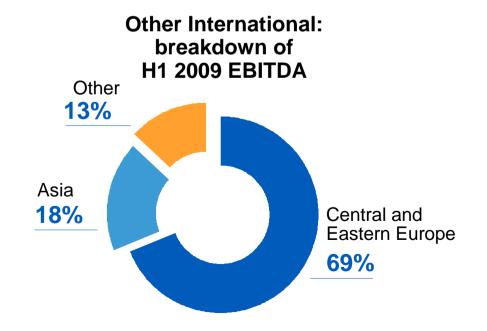
- Steady improvement of performance since the beginning of the year
- Lower electricity EBITDA: 13%
- Increase in EBITDA from hydrocarbon activities: + 7%



## Other international: solid performances in Central and Eastern Europe

In € million	H1 2009	H1 2008	∆% Org.
Sales	1,556	1,480	+ 13.6%
EBITDA	297*	310	+ 5.5%
EBIT	192	209	

<sup>\*</sup> Negative exchange rate effect of - € 30M on H1 2009 EBITDA



- Strong growth in sales (+ 12%) and EBITDA (+ 11%) of Central European subsidiaries
  - Stronger margins in Poland, on the back of a positive price effect on sales contracted in 2008
  - Streamlined generation capacities in Poland through the development of the biomass business
- Solid performance of Norte Fluminense (Brazil)

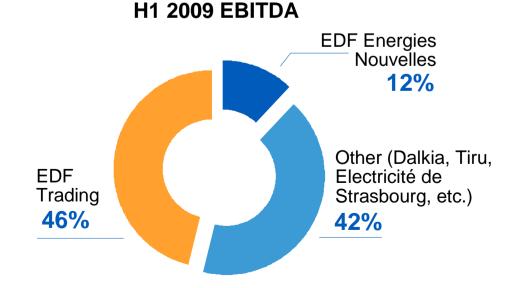


## Other activities: further improvements by EDF Trading and EDF Energies Nouvelles

In € million	H1 2009	H1 2008	∆% Org.
Sales	2,959	2,473	+ 18.5%
EBITDA	1,229	986	+ 20.1%
EBIT	1,042	844	

Other activities:

breakdown of



- Solid performance by EDF Trading in all commodities
- Substantial growth in sales and EBITDA by EDF Energies Nouvelles (+ 57%\*)
  - Ambitious targets in wind and solar power



### France in a phase of step-up Capex

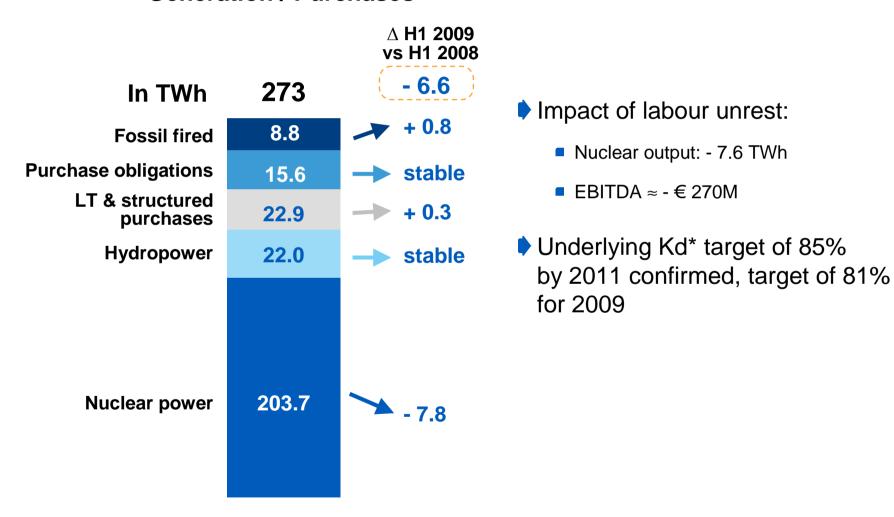
	H1 2009	H1 2008	∆% Org.
Sales	18,322	17,817	+ 2.8%
EBITDA	5,956	6,067	- 1.8%
EBIT	3,997	3,816	

- Operating results affected by labour unrest and early 2009 storms
- **Capex up by + 36% at € 3.4bn**



### France: nuclear output affected by labour unrest

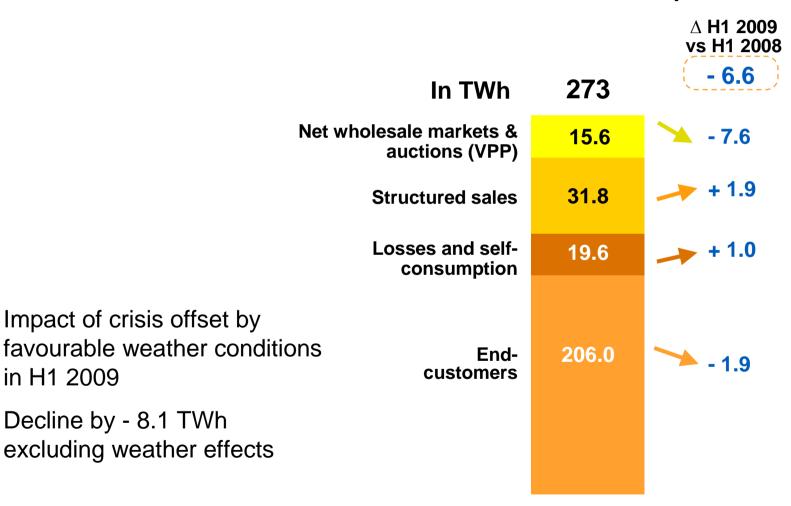
#### **Generation / Purchases**





### France: stable end-demand

### Sales & self-consumption





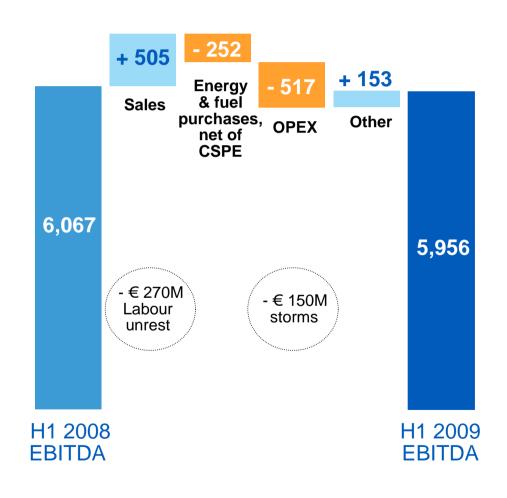
Impact of crisis offset by

Decline by - 8.1 TWh

in H1 2009



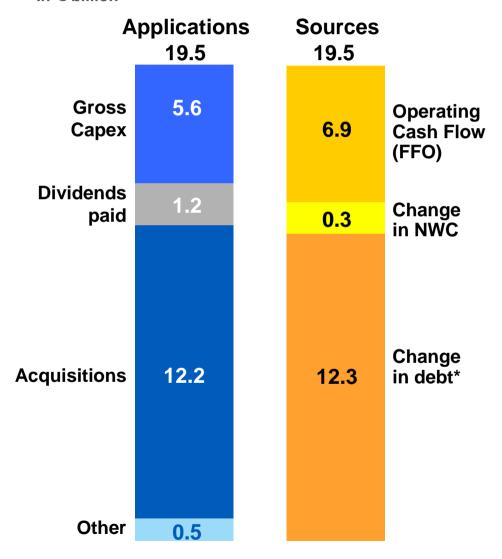
## France: results heavily impacted by one-off events



- Moderate growth in sales
- Excluding storms, France EBITDA is stable
- Increase in cost of network losses and gas purchases
- OPEX breakdown:
  - One-off events: storms in early 2009 (€ 150M), etc.
  - Ongoing maintenance and development initiatives in new businesses (gas, services, international nuclear)
  - Change in EDF external expenses higher than CPI



## Net financial debt up in H1 2009 - Solid and stable rating



- Increase in net financial debt from € 24.5bn to € 36.8bn to finance the acquisitions (transaction with Centrica not included)
- Financial expenses linked to acquisition debt covered by cash flow generated by British Energy
- One of the most solid financial structures in the sector
  - Net debt/EBITDA ratio = 2.4
  - One of the strongest ratings, solid and stable (Aa3, A+ stable)
  - Continuous and diversified access to the financial markets



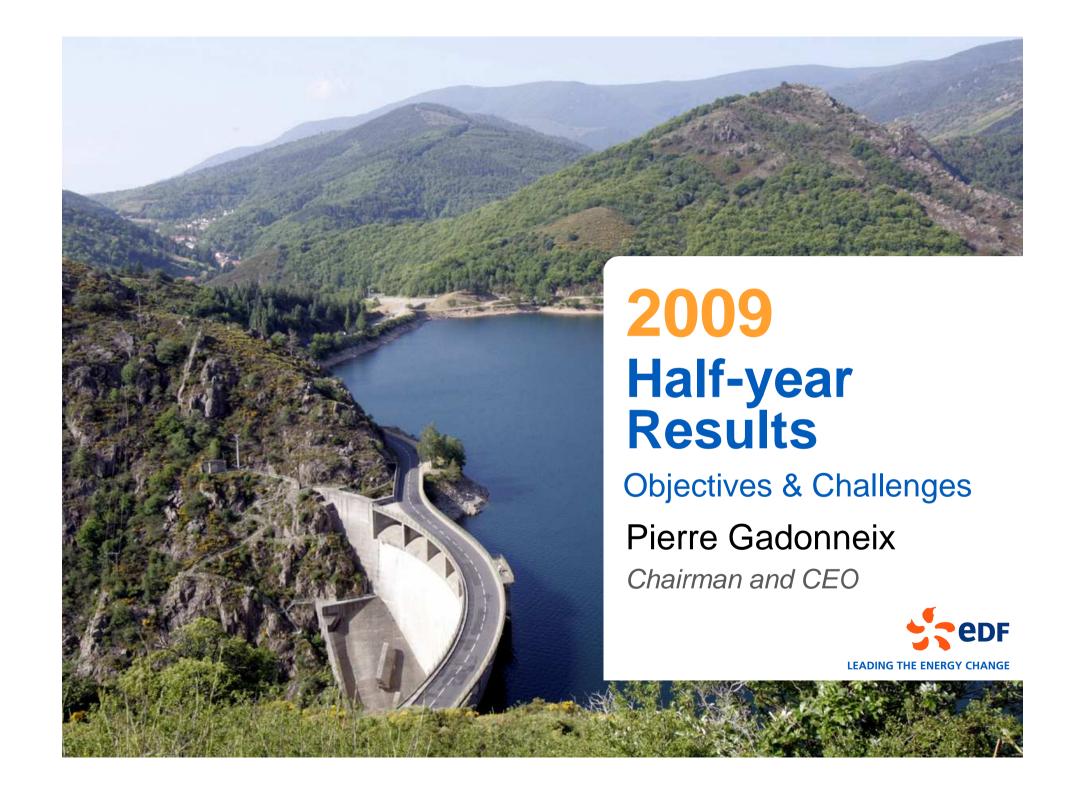
<sup>\*</sup> Net gains on disposal of British Energy to Centrica / SPE = € 1.2bn expected in H2 2009

## Simplified consolidated balance sheet

	30 June 2009	31 December 2008*
Fixed assets	138,269	117,481
Of which Goodwill	13,534	6,807
Inventories and trade receivables	29,184	28,434
Other assets	48,264	41,982
Total assets	215,717	187,897

	30 June 2009	31 December 2008*
Shareholders' Equity (Group Share)	26,016	23,196
Minority Interests	1,733	1,801
Special liabilities for concessions	39,161	38,516
Provisions	57,029	48,137
Net financial debt	36,791	24,476
Other liabilities	54,987	51,771
Total liabilities	215,717	187,897





### 1<sup>st</sup> objective: enhancing operating performance

- Capex programme in France and abroad to drive future performance
  - € 13 billion in 2009, of which € 7.5 billion in France
- Operational Excellence
  - Confirmation of a target of € 1bn impact on EBITDA in 2010, of which € 300M in 2009
- Further improve industrial relations and strengthening of skills



## 2<sup>nd</sup> objective: integrating new businesses

- Deploying synergies within the Group and with British Energy
- Completing the acquisition of 49.99% of Constellation's existing nuclear assets

- Integrating SPE within the Group
  - 2<sup>nd</sup> utility in Belgium, active both in power and natural gas (1.6 million customers and 1.9 GW of installed capacity)



## 3<sup>rd</sup> objective: strengthening financial performance and flexibility

- Asset disposal programme with a target of debt reduction of at least € 5bn
- Maintaining one of the best ratings in the sector
- Consideration on changing electricity market in France engaged
- Confirmation of 2009 financial outlook



## 4<sup>th</sup> objective: committing the Group to security of supply and the prevention of climate warming

Complete successfully New Nuclear Build in France and abroad

Pursue our development in Renewable Energies

Invest in innovation and R&D, in particular in power demand-side management





### **LEADING THE ENERGY CHANGE**