



Focus on profitable growth

Strategic Plan 2006

December 2nd, 2003

Forward-looking statements

This presentation contains forward-looking statements within the meaning of the United States Private Securities Litigation Reform Act of 1995 with respect to the financial condition, results of operations and business of the EDP and certain of the plans and objectives of the EDP with respect to these items. By their nature, forward-looking statements involve risk and uncertainty because they relate to events and depend on circumstances that will occur in the future. The actual results and developments may differ materially from those expressed or implied in the forward-looking statements due to any number of different factors. These factors include, but are not limited to, changes in costs, changes in economic conditions and changes in regulatory and government policy. Additional information, including information on factors which may affect EDP's business, is contained in EDP's 2002 Annual Report on Form 20-F filed with the U.S. Securities and Exchange Commission.

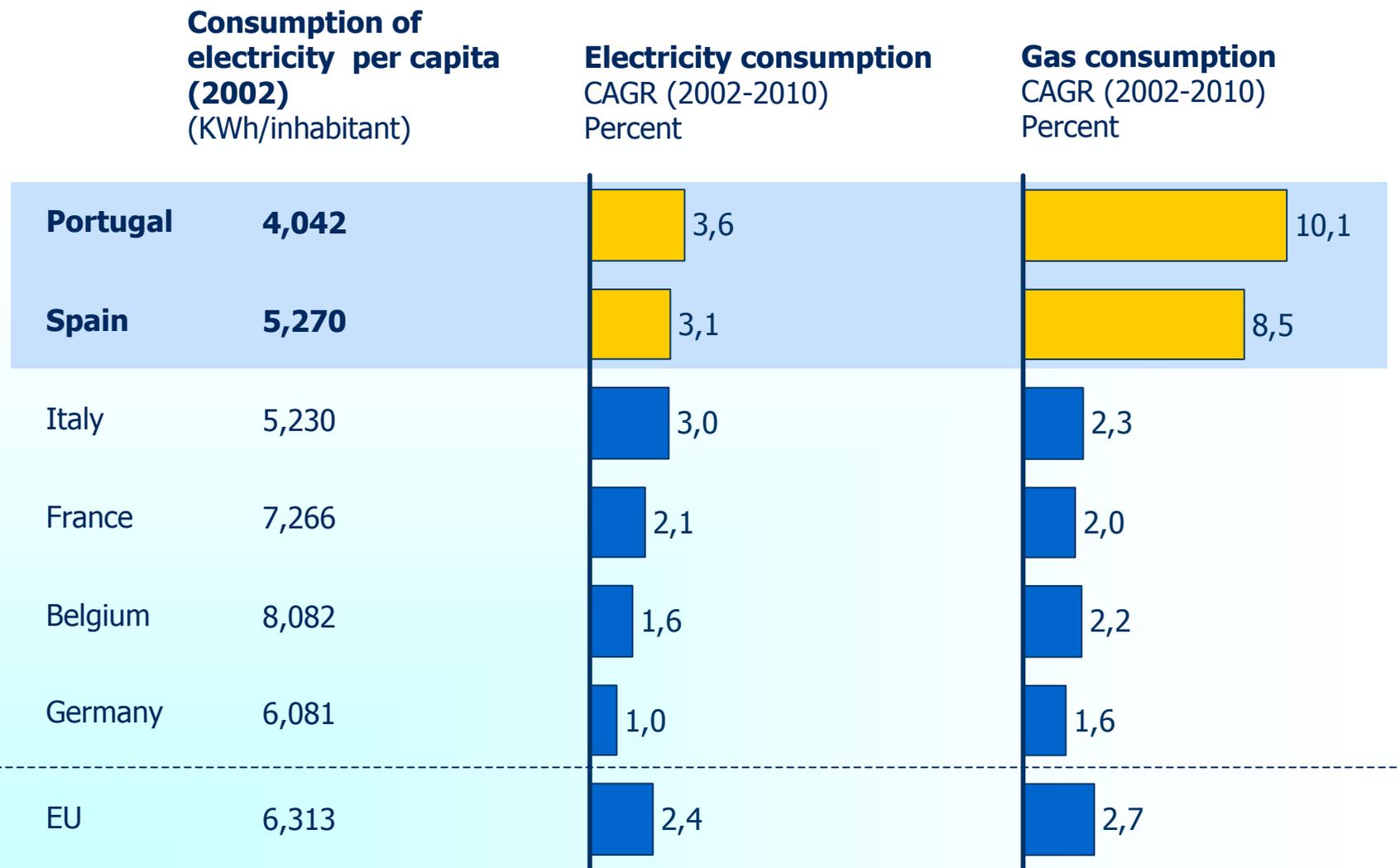
- **A very competitive energy player**
- Key EDP value levers
- Financial targets
- Capabilities and performance culture

EDP: a competitive energy player looking forward to an Iberian market



- Operating in one of **Europe's most attractive markets – Iberia** (+3,5% average yearly growth in electricity and +9% in gas)
- **Efficient cost structure in generation** allowing EDP to reap the benefits of Iberian liberalised market
- Uniquely positioned to **profit from gas-electricity convergence** in both Portugal and Spain
- Clear commitment to **create value through cost cutting** in regulated distribution
- Past investments (**telecoms, and Brazil**) will post a **significant turnaround**

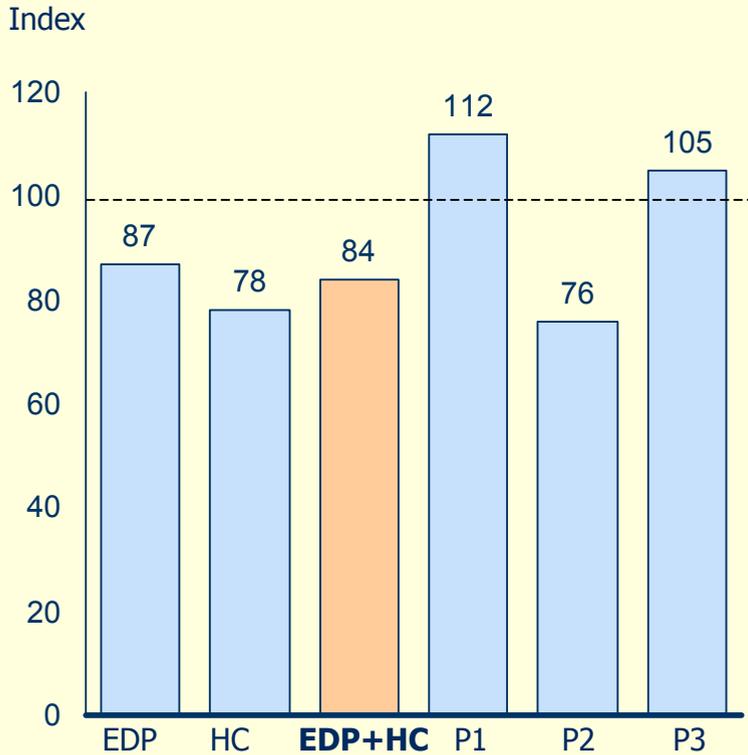
Operating in one of Europe's most attractive markets...



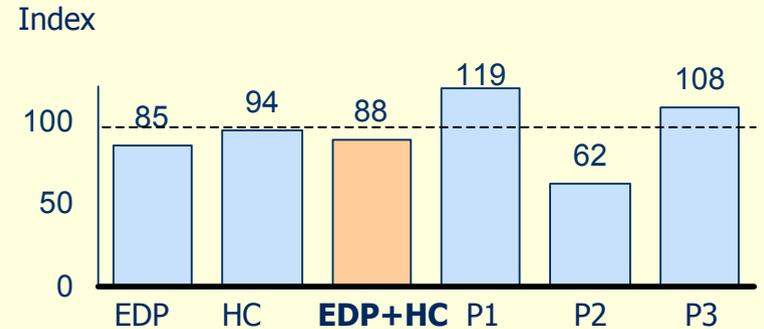
... with a very efficient generation portfolio

Average year 2002 costs

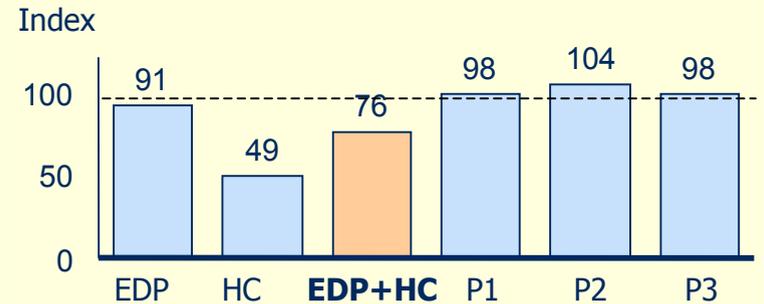
Total cash-costs per MWh of generated energy for an average year*



Fuel costs per MWh of generated energy for an average year



O&M costs per MWh generated energy for an average year**



* Considering all operating costs except depreciation & amortisation and provisions

** Cash-costs other than fuel (supplies and services, personnel and other operating costs)

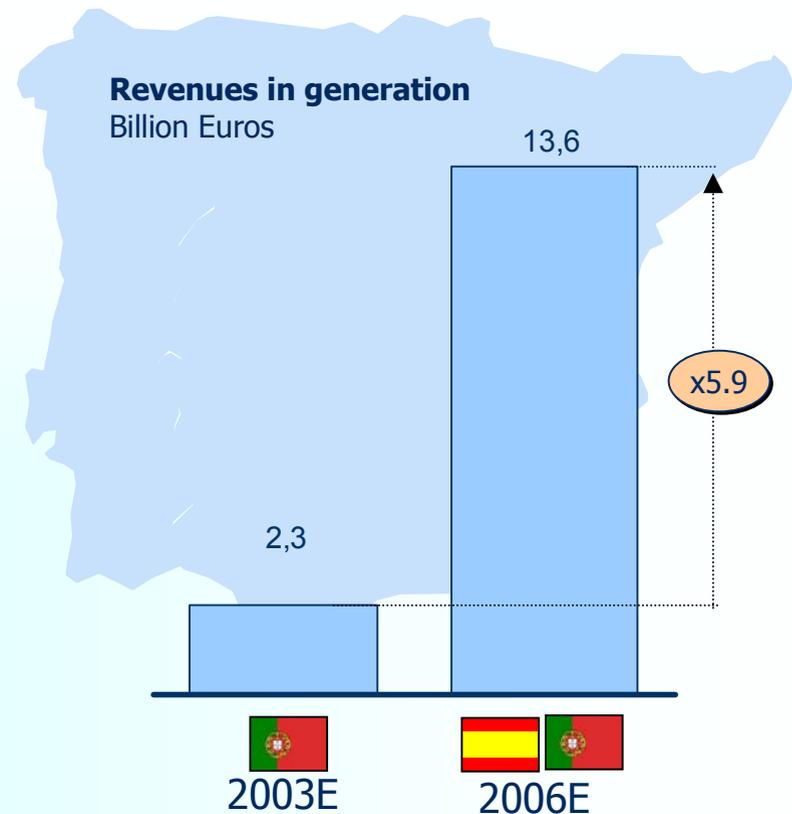
Termination of PPAs will be value neutral

Highly competitive generation will benefit from market growth

Fully prepared for low voltage liberalisation

Additional value from Iberian portfolio once interconnection increases

Significant increase in revenue pool following market integration



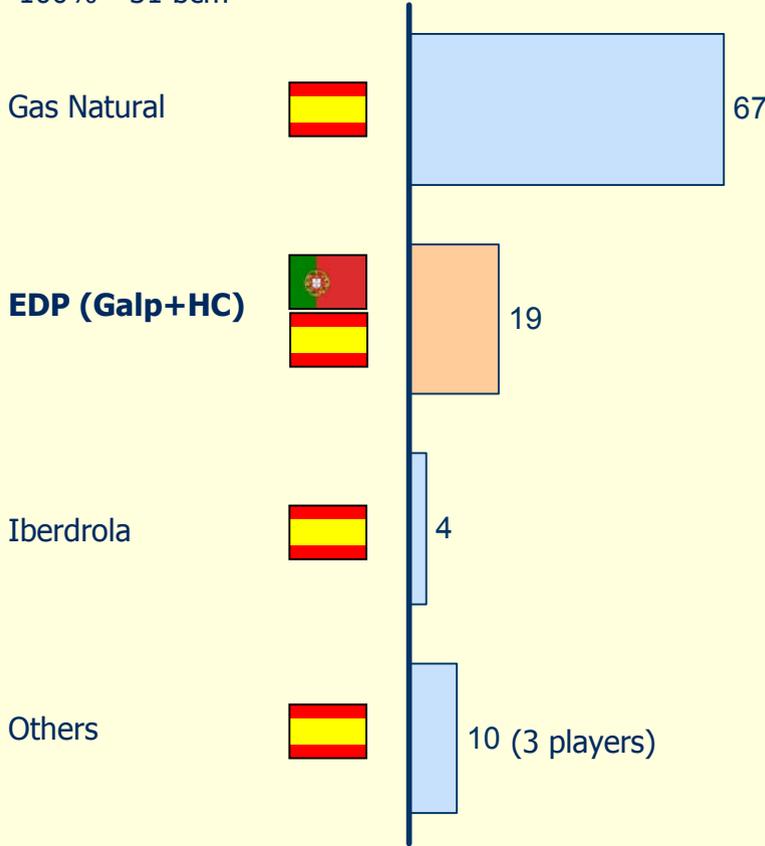
EDP is uniquely positioned to profit from gas-electricity convergence in Portugal and Spain...



Strong position in gas sourcing ...

Market shares in natural gas sourcing (2003)

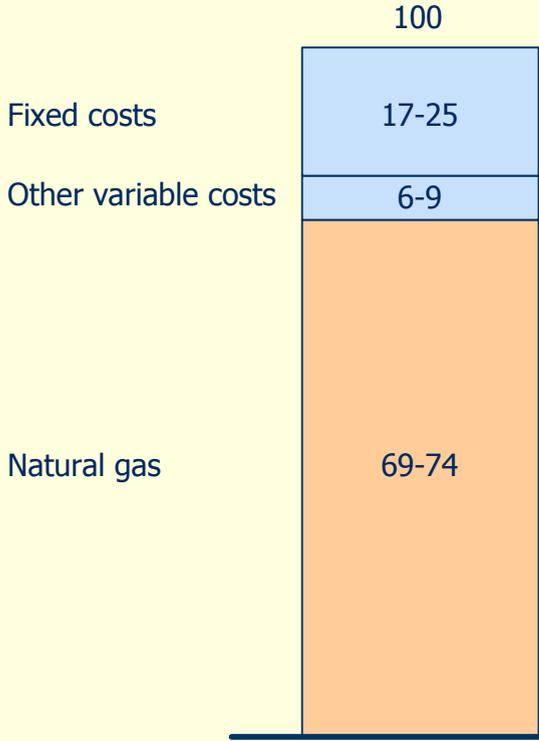
Percent
100%= 31 bcm



... as a critical factor for competitiveness in new generation capacity

Total generation cost of a CCGT

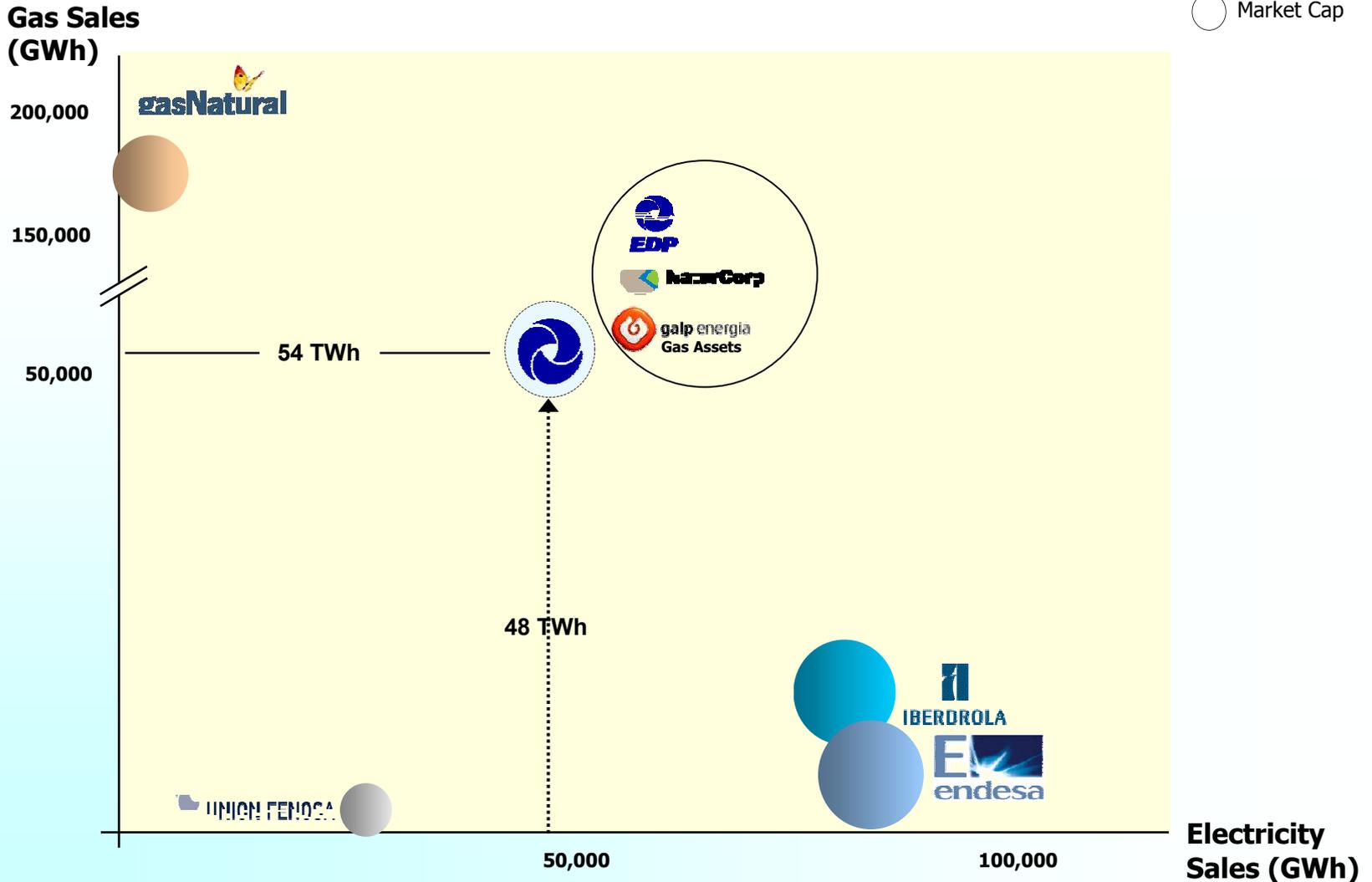
Percent



... and will become the most balanced player in the Iberian energy market



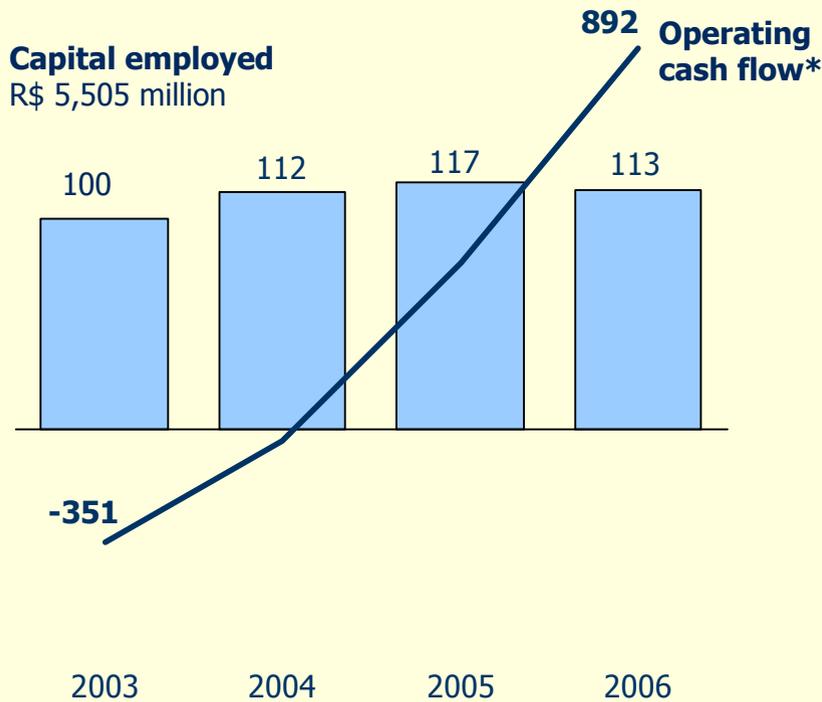
2003



Past investments will post a significant turnaround

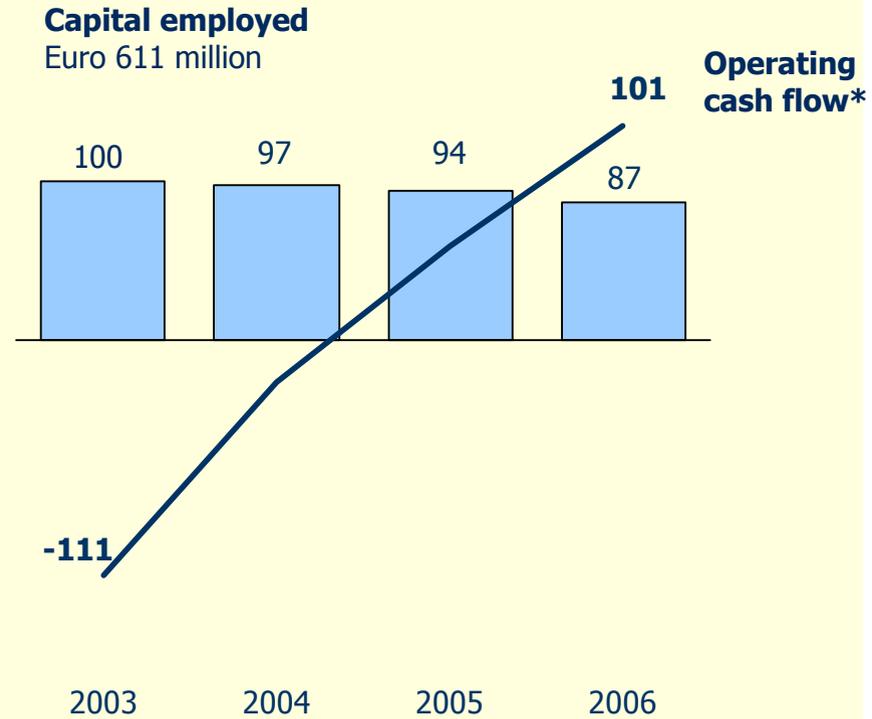
Brazil

Reais million



Telecoms (ONI)

Euro million



* Cash-flow = net income + depreciation + goodwill depreciation + provisions + net interest paid (adjusted with tax shield) – capex – investment in operating working capital

Operating and financial targets for 2006

	2002 pro forma ^f	2006 (ex- Gas) ^e	Total Variation
Number of customers (Million)	9.0	10,0	+11%
Energy produced (TWh)	40.8	52,6	+29%
Energy sold (TWh)	67.8	74,9	+10%
Number of employees (000)	18.5	16.0	-13%
Gross margin (b€)	2.8	3.7	+32%
Operating costs (b€)	1.2	1.3	+8%
EBITDA (b€)	1.6	2.4	+50%
Capex^a (b€)	1.2	1.0	-16%
Operating cash flow^b (b€)	0.3	0.9	x3.0
Financial debt (b€)	8.0	6.8	-15%
ROIC (°%) ^{c/d}	3.5	7.7	x2.2

a Average value 03-06

b 2003, cash flow after Capex and investment in working capital

c Adjusted EBIT x (1-t)/invested capital (including goodwill)

d Adjusted EBIT= EBIT adjusted by amortisation of subsidised investment

e Excluding Gas in Portugal

f Consolidation of full year HC, Enersul and Escelsa

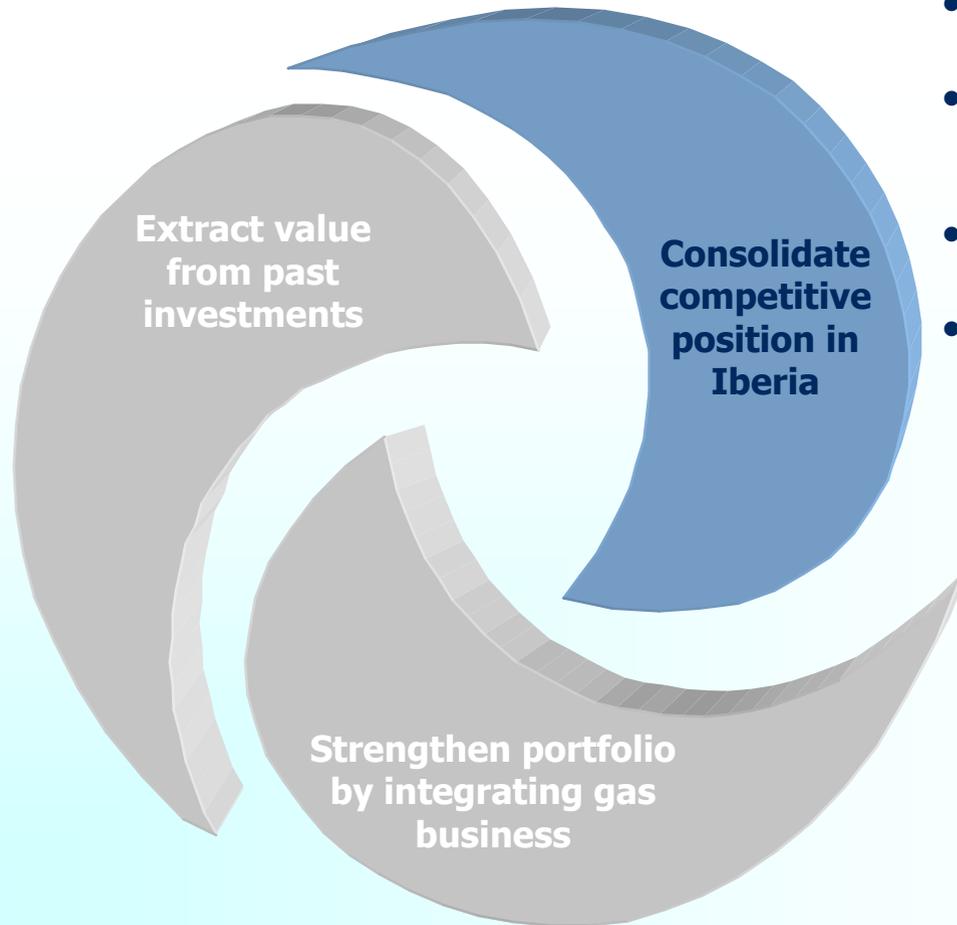
- A very competitive energy player

- **Key EDP value levers**

- Financial targets

- Capabilities and performance culture

Key value levers



- Ensure neutrality of PPAs resolution
- Leverage on competitiveness of Generation portfolio
- Recover Distribution margin
- Ensure stable development of Commercialisation

Key terms influencing value of stranded costs

Status of negotiation

Compensation rationale (defined by DL)	Done ✓
Revisibility	
• Mechanism	Advanced
• Time span	Advanced
Determining variables (reference assumptions)	
• Volume risk	Advanced
• Pool price	Advanced
• Fuel costs	Advanced
• O&M costs	Done ✓
• Premium over PPA returns	Preliminary
• Exogenous factors* (CO ₂ and other)	Advanced

The resolution model will ...

- ... guarantee **neutral value**
- ... guarantee **payment mechanism** (potential for securitization required)
- ... allow EDP to retain potential efficiency gains

Otherwise EDP has always the right to keep existing PPAs

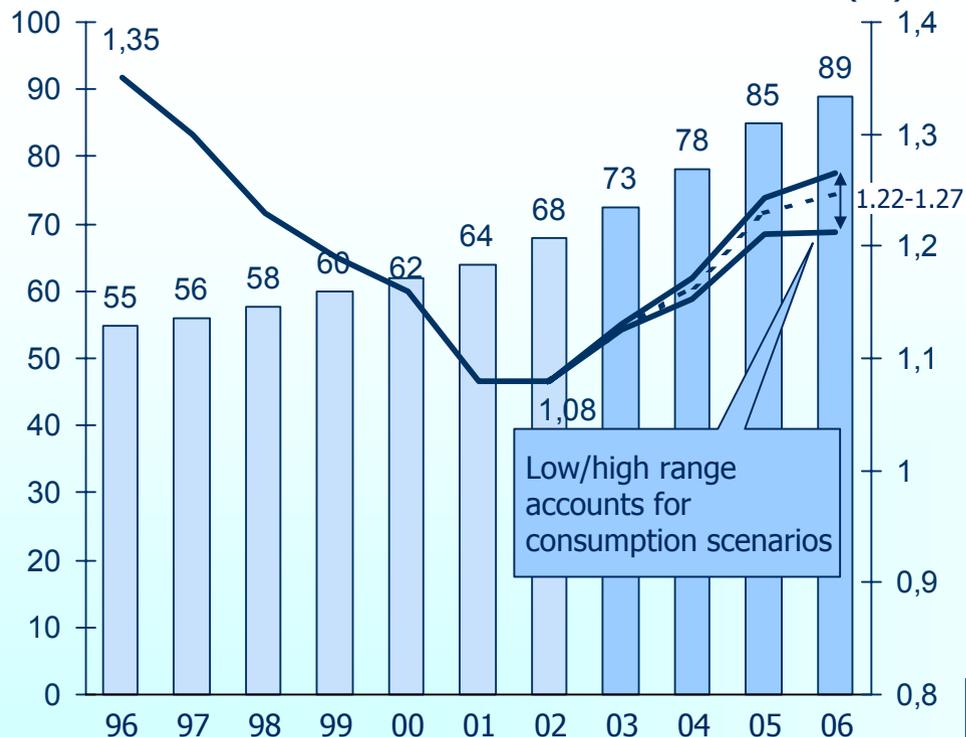
* All currently covered by PPAs

Generation in Iberia

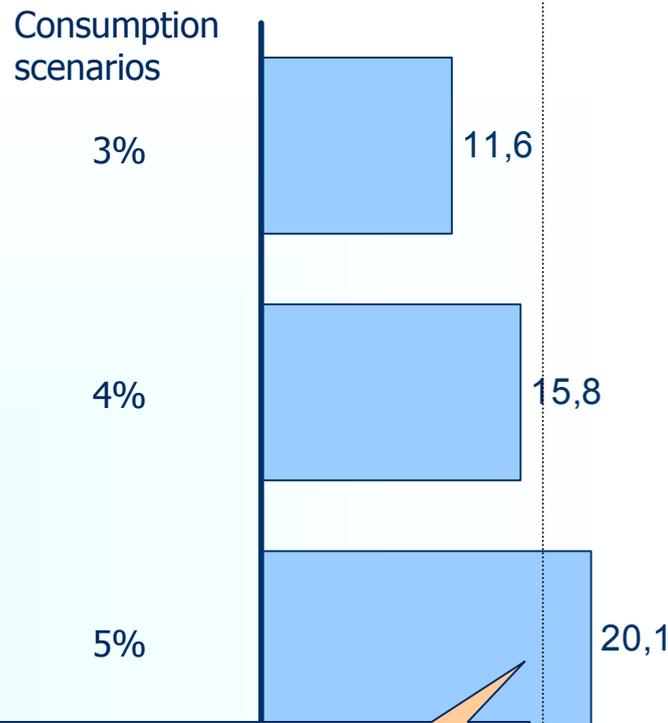
Generation scenario in Iberia is attractive



Installed capacity (GW)



Net capacity needed*
GW. 2004-2008



Projected net new capacity of 16,5 GW to cover expected market growth net of expected decommissions of 4.5 GW**

* Assuming a constant coverage index of 1.12 (installed capacity x maximum number of hours in use)/total demand (GWh)

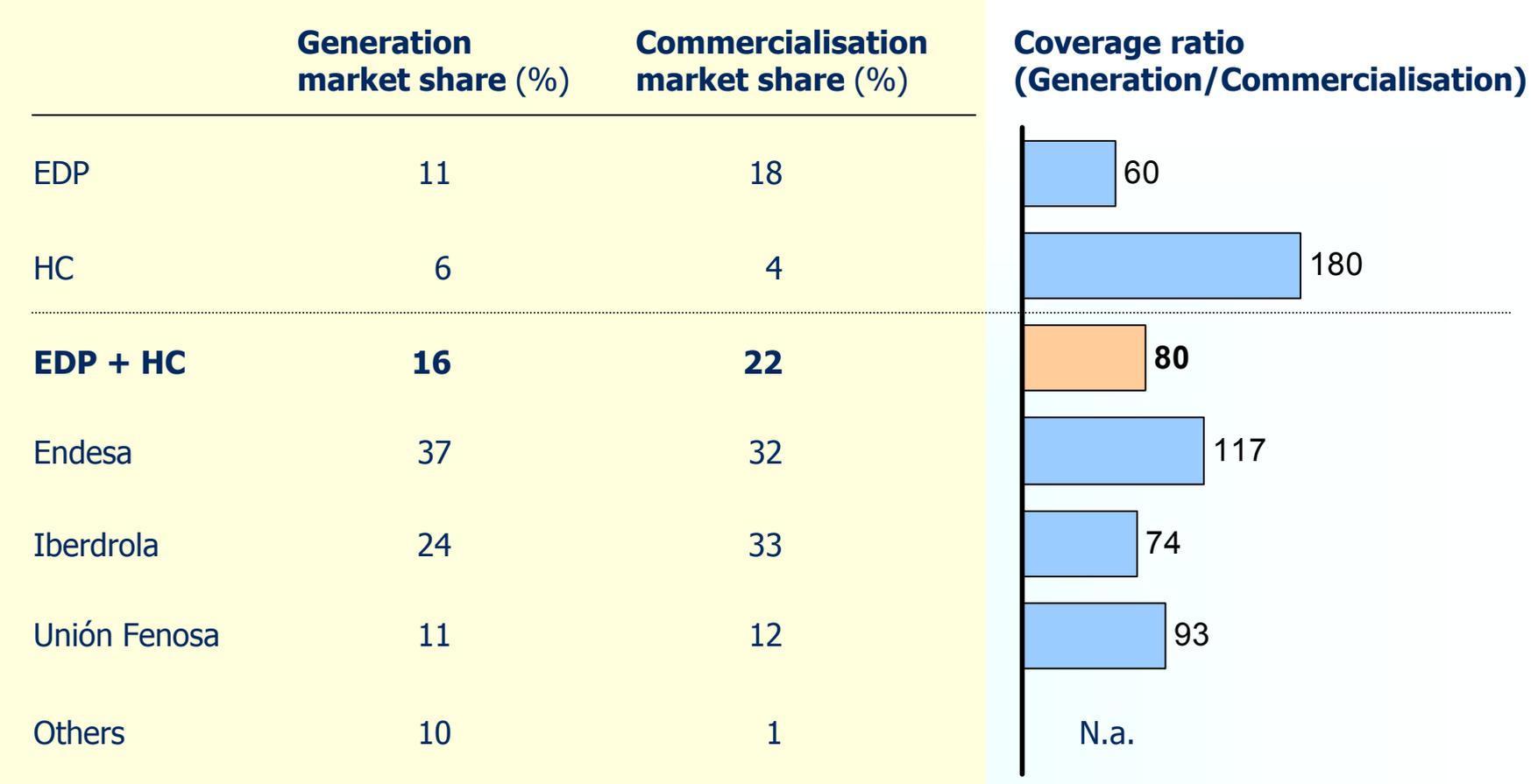
** Considers 100% probability for new construction, 100% for approved concessions and 50% for announced new capacity

Generation in Iberia

EDP has room to grow in generation



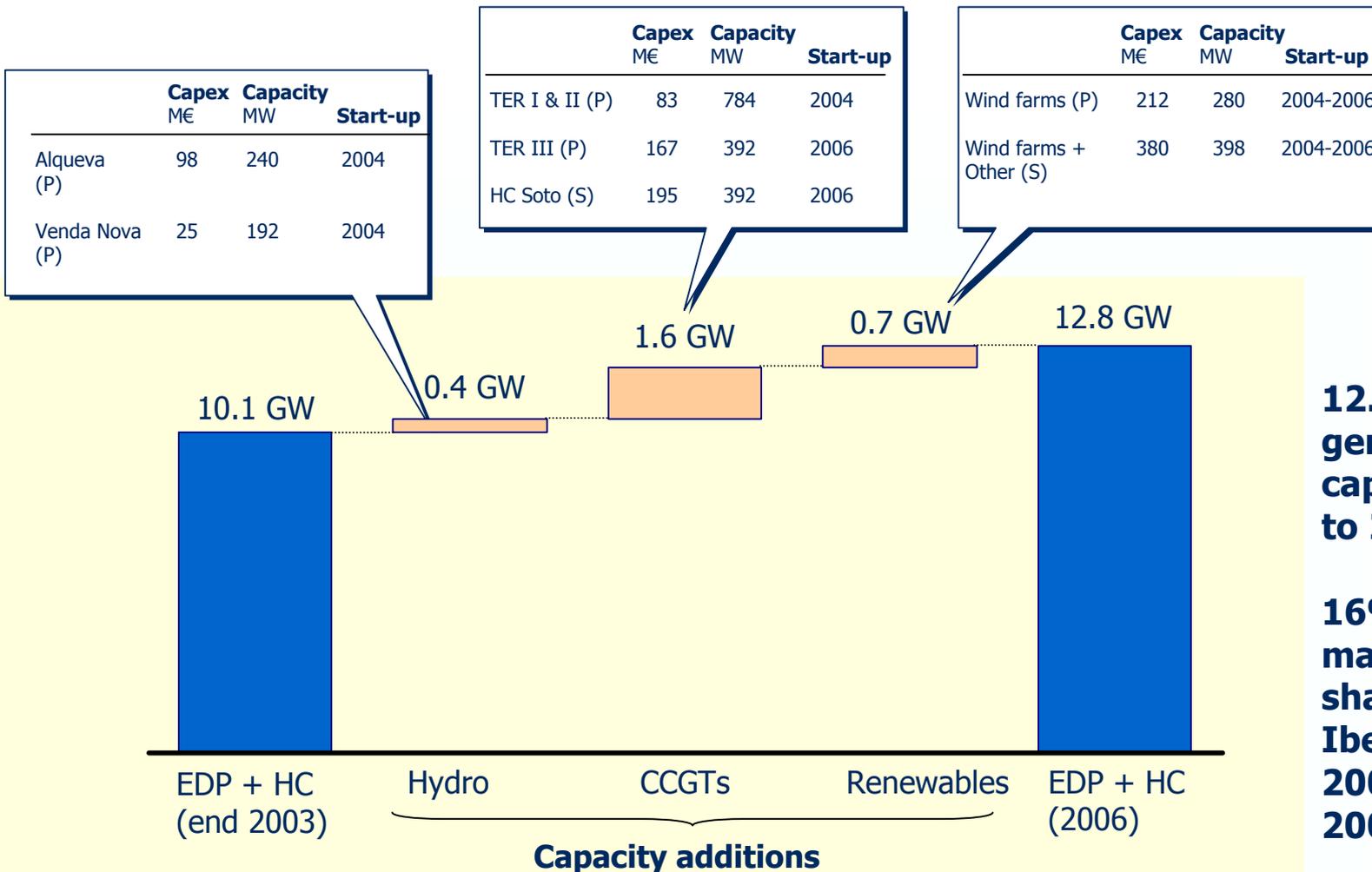
2003E



Generation in Iberia

EDP will increase generation capacity

S Spain
P Portugal



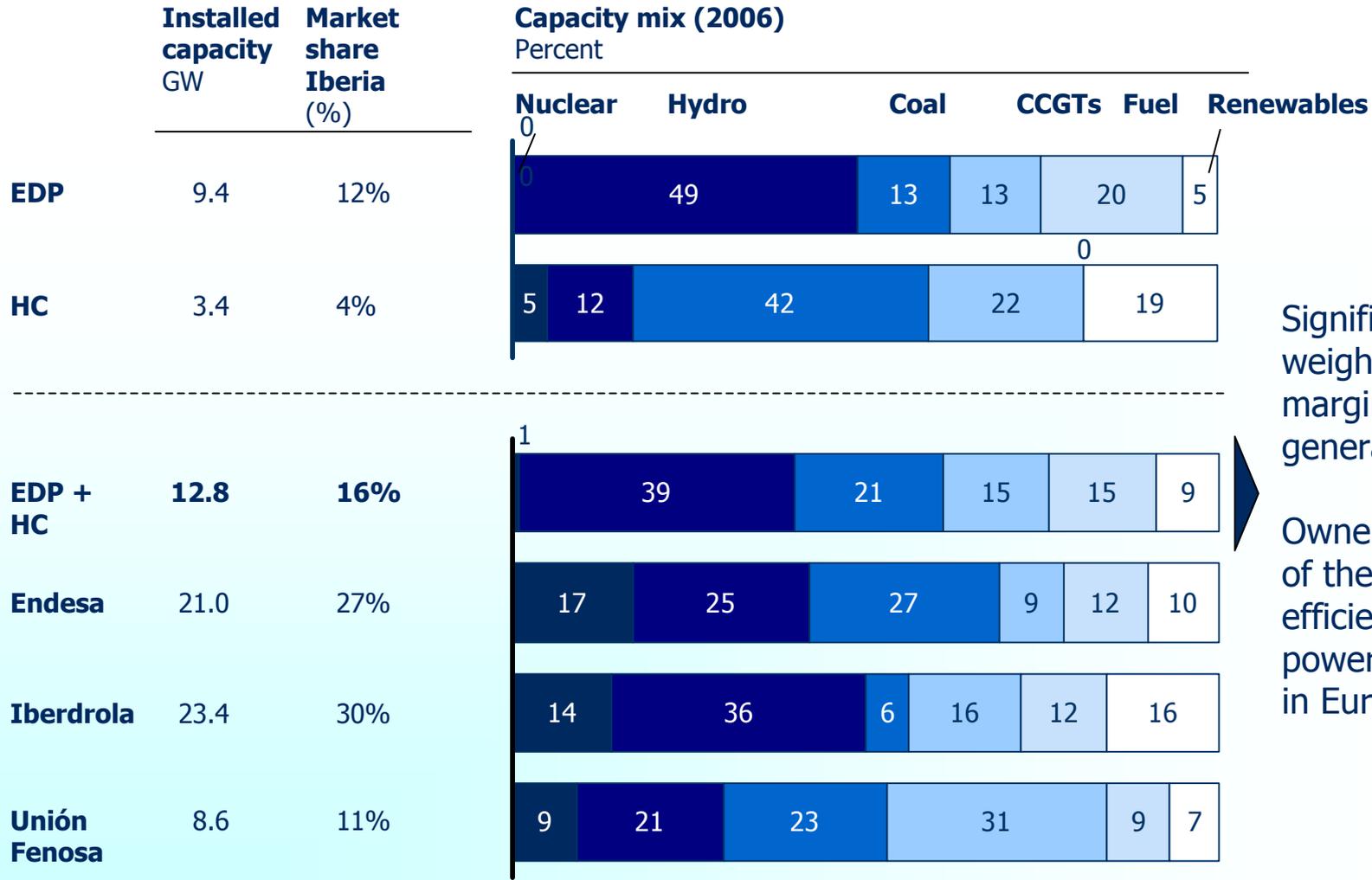
12.8 GW generation capacity up to 2006

16% market share in Iberia (in 2002 and 2006)

By 2008: +1 CCGT in Spain (400 MW); + Wind Farms in Portugal (300 MW) + Wind Farms in Spain (400 MW) + 1 reservoir dam Picote II (236MW)

Generation in Iberia

One of the best generation portfolios



Significant weight on high margin hydro generation

Owner of two of the most efficient coal power plants in Europe

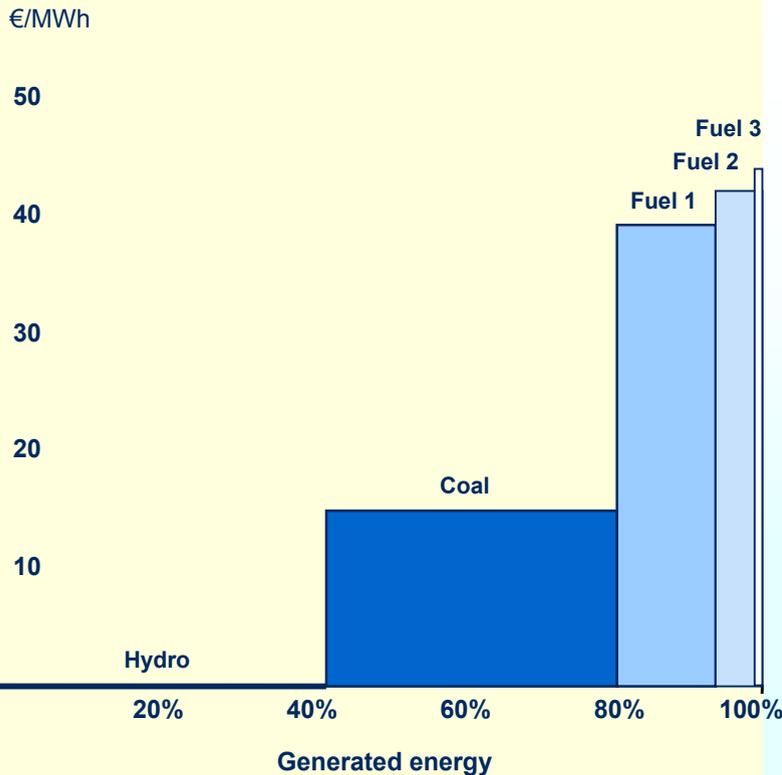
Note: Installed capacity for other Iberian players based on public announcements

Generation in Iberia Portfolio about to become even more competitive

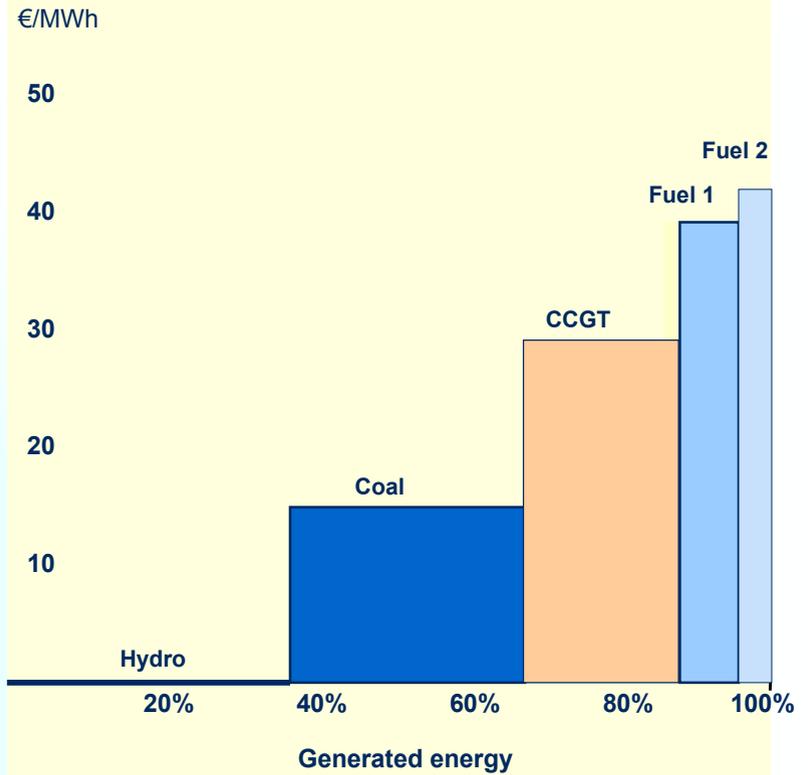


ONLY PORTUGUESE ASSETS

EDP's marginal cost curve with current portfolio (2003)



EDP's marginal cost curve after CCGT introduction* (2006)



The new CCGT plants will increase output by 30% at a lower marginal cost ...
... allowing EDP to be an even more active player along the supply curve

* Assuming 5.500h/year of operation for the new CCGT plant

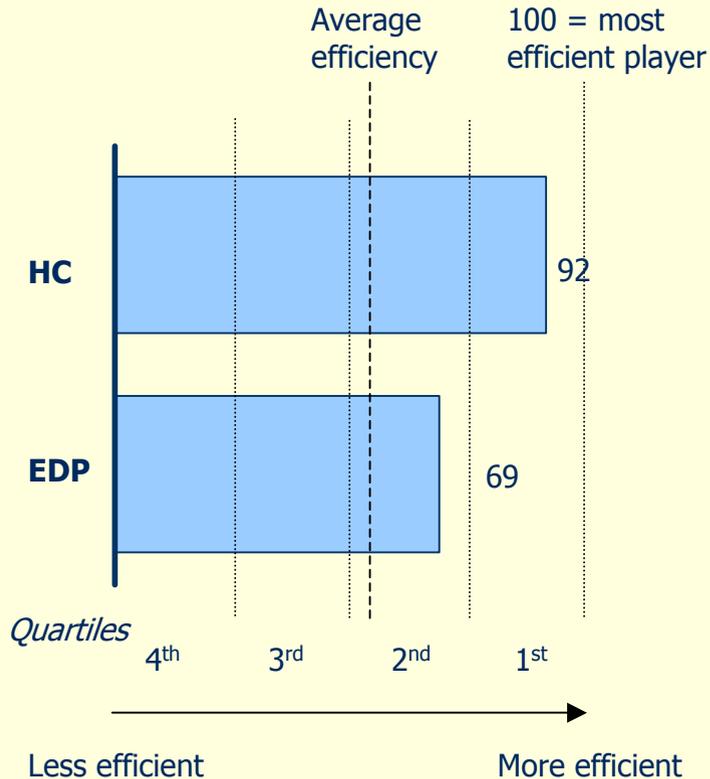
Note: Considering reference marginal costs and the energy mix generated in an average year

Generation in Iberia

Improvement in operational excellence

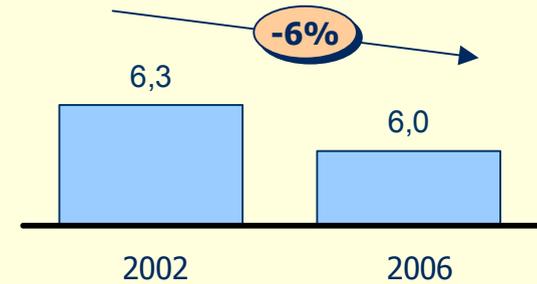
Already attractive cost position ...

Efficiency Index^c, Max = 100



... which will improve further

O&M^a
€/MWh



Total cost^b
€/MWh



- Reduction 300 workers
- Optimisation fuel mix
- Optimisation of dispatching in new environment
- Optimisation of O&M based on new dispatching

a Supplies and services + active personnel costs + other operating costs + concession rents

b Total cost = O&M cost + fuel costs

c Based on O&M costs for coal plants/kWh producers (adjusted); Based on a benchmark of 48 generation plants in Europe

Generation in Iberia

Reinforced position in renewables

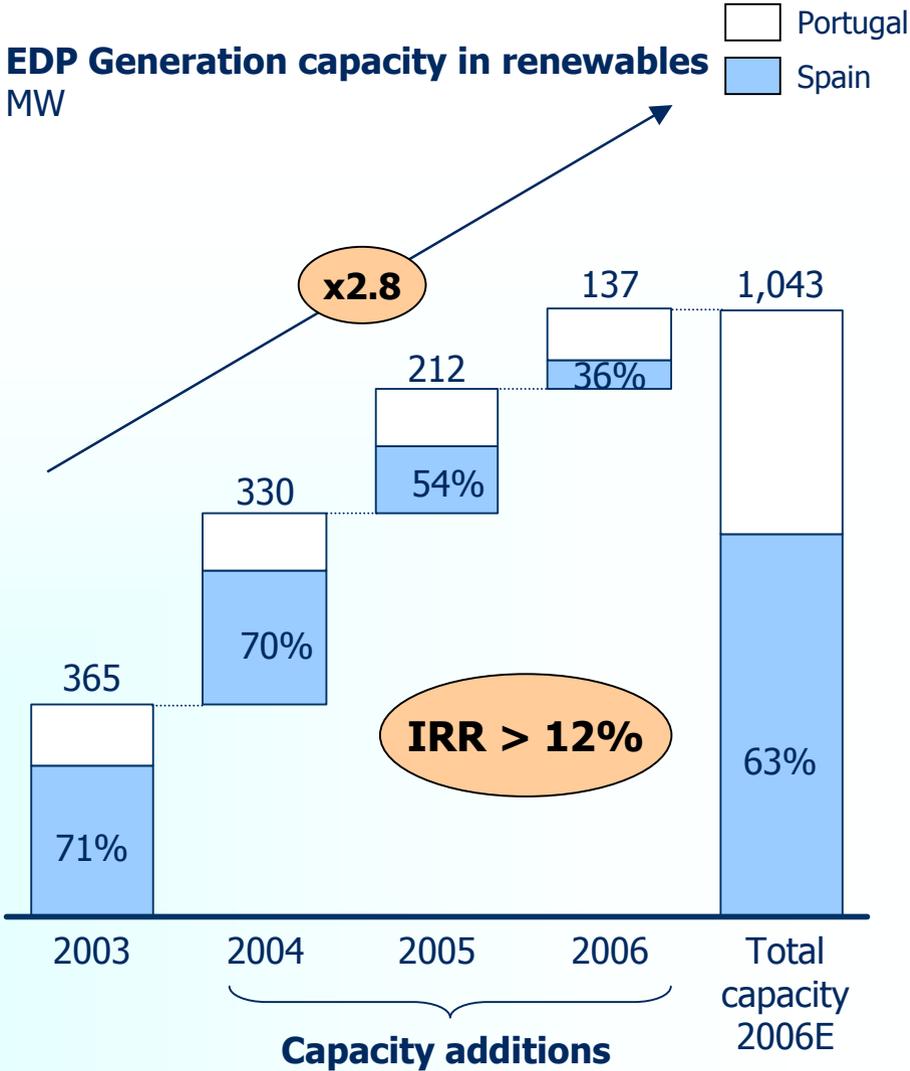


Market context

- Regulation demands investment in renewables
- Social awareness to environmental issues
- Economic incentives (protected tariff)

EDPs positioning

- Recognized technical competences
- Balanced expansion plans until 2006
- Cautious approach given tariff subsidisation risks



By 2008: + Wind Farms in Portugal (300 MW) + Wind Farms in Spain (400 MW)

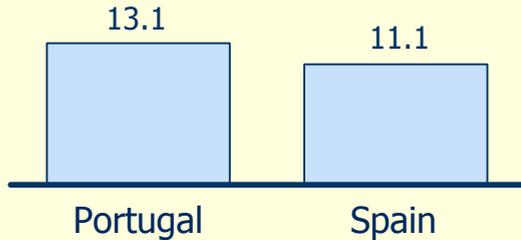
Distribution in Portugal

Like-for-like tariffs have converged between Portugal and Spain

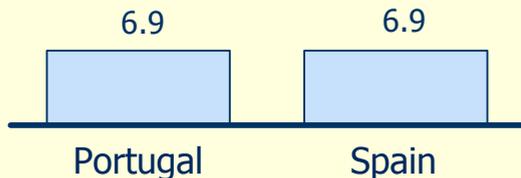


Regulated tariffs €cent/kWh

Low Voltage* (residential)



Medium Voltage** (Corporate)



Structural differences

- Lower consumption per capita in Portugal (25% below Spain)
- Higher weight of low voltage (55% in total consumption vs. 42%, in Spain)
- Higher geographical dispersion of low voltage customers (~+30km of network per customer)

Regulatory differences reflected in Portuguese tariff

- Investment and maintenance costs in public lighting
- 10% municipality payments on LV revenues
- Additional costs from monthly invoicing

Structural and regulatory differences do not allow for a full tariff convergence

* Eurostat, electricity prices for EU household on Jan 2003

** Eurelectric, electricity tariff as of Jan 2003 (published tariff)

Distribution in Portugal

Delivery on cost reduction targets

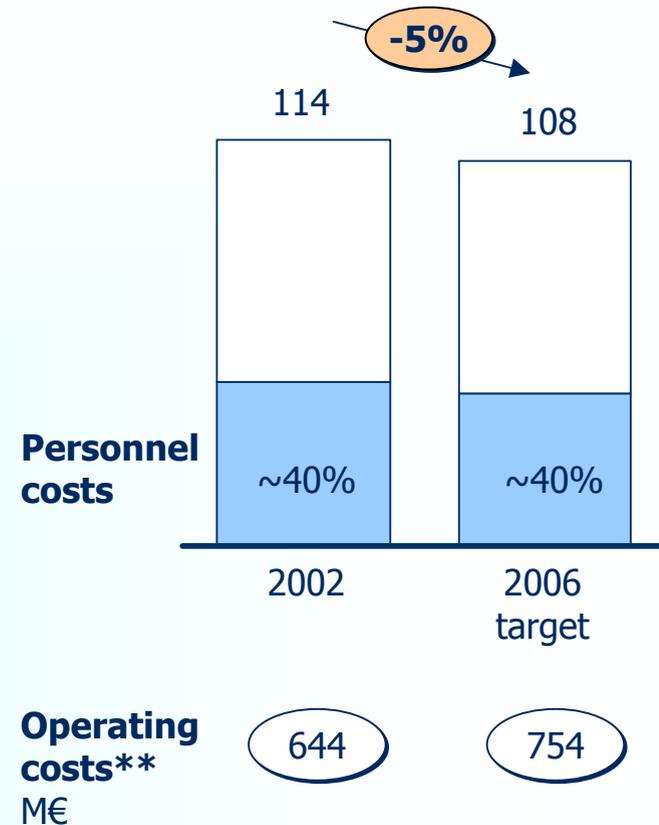


Key initiatives

Estimated NPV impact (Before Tax)
(Million €)

Personnel costs	Reduction of ~1.360 employees in Distribution in 2003-2006 and additional 140 in 2007 (20% decrease in workforce)	200-250
Other costs/ Capex	Optimisation of purchasing and supply management related to materials	30-40
	Reduction of recurring capex	100-150
	Reduction of cost of services	80-90

Cash Cost* per Customer
€/customer



* Personnel costs (only active employees) + S&S + Capex – investments supported by customers

** Personnel + S&S + other operating costs – other revenues (not driven by sales and services)

Excluding concession to municipality (a pass-through to the final tariff) CAGR 02-06 = 1.8%, i.e., -1.2% in real terms

Distribution in Portugal

Investing in quality of infrastructure will yield a 9% return

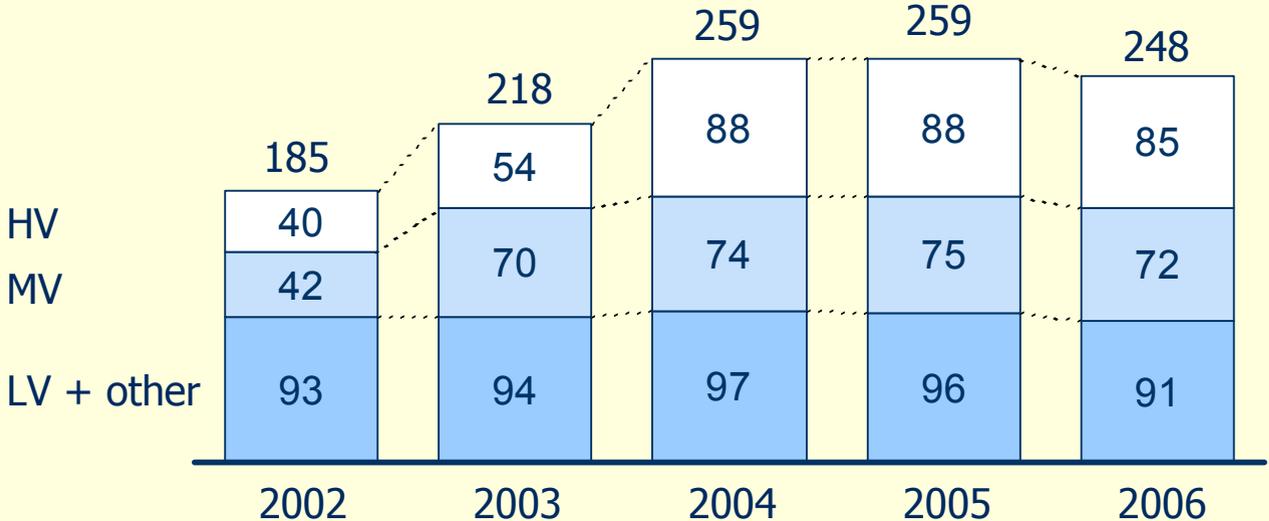


Key initiatives

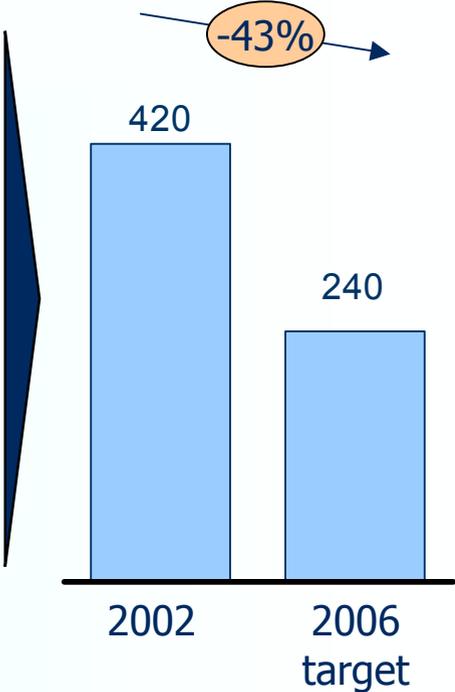
- Selective investments with a 9% target return
- Optimisation of field operations

Distribution grid investment plan*

Million euros



Interruption Equivalent Time Minutes



* Net of subsidised assets

Distribution in Portugal Recover lost margin



Key strategic thrusts

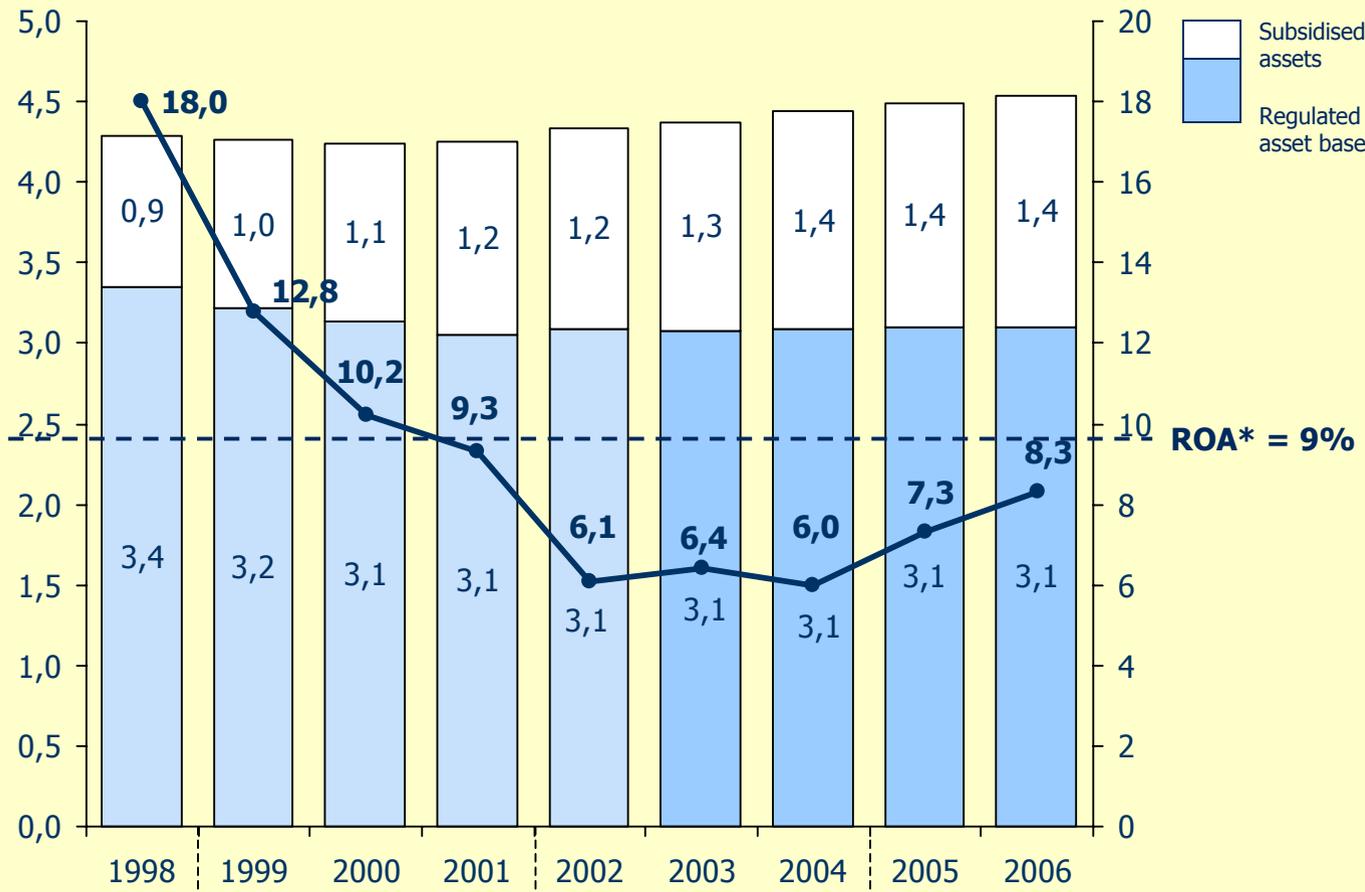
Delivery on cost reduction targets

Invest in service quality improvement with adequate returns

Regulatory environment enabling the recovery of the 9% ROA

Assets
Euro billion

ROA (Return On Assets)
Percent



* Return on regulated asset base

Commercialisation in Portugal

Limited value at risk

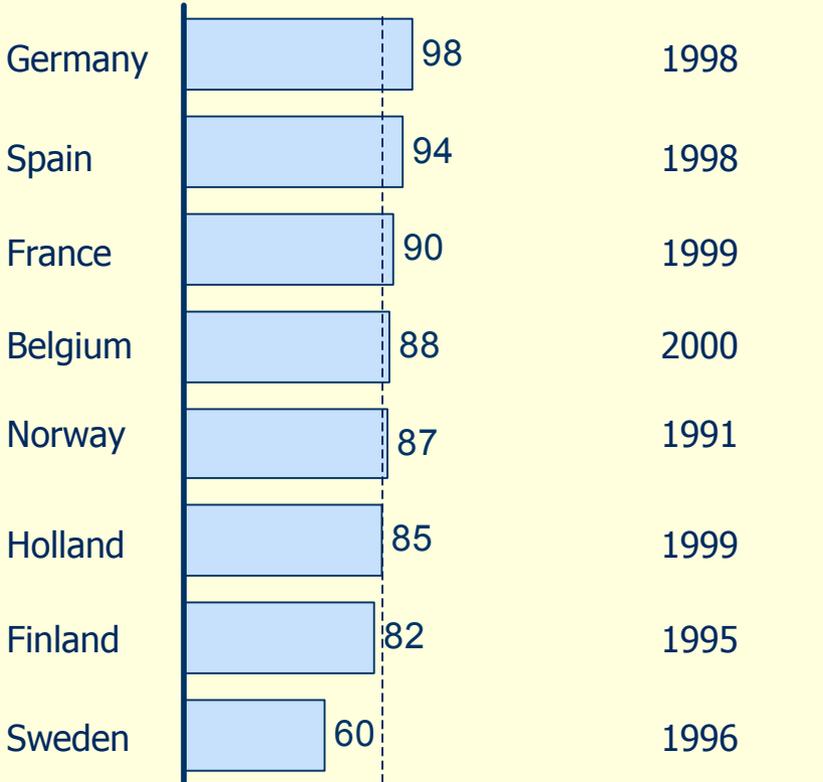


High customer loyalty ...

Market share of incumbents (commercialisation)

Percent

Year of liberalisation

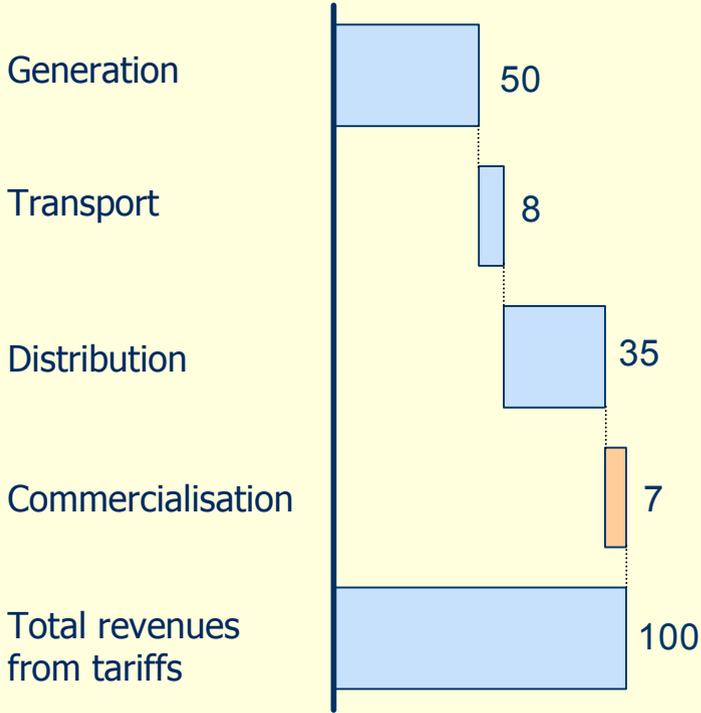


85-90

... relatively low value at risk

Total revenues from tariffs in LV business

Percent



Proactive but focused action to retain customers with service enhanced offering based on market research of client needs

Dedicated commercial player for “non-regulated customers”

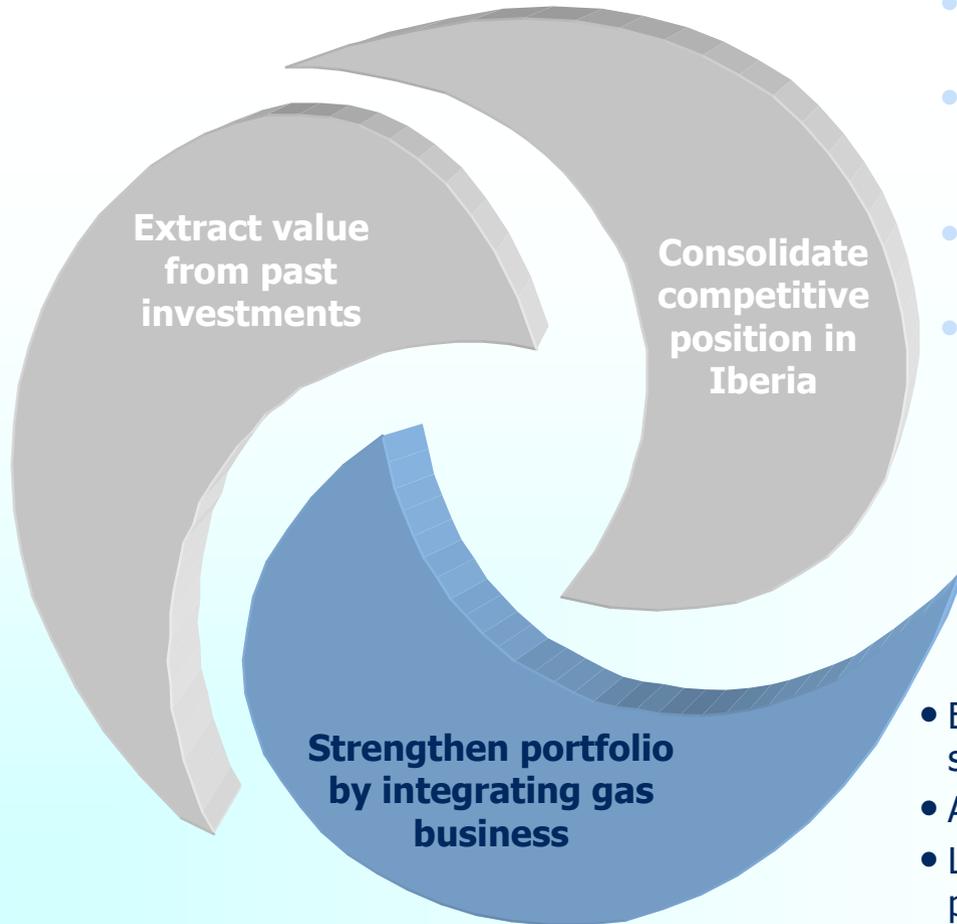
Limited use of pricing lever

Improvement of service levels focused on client’s needs

- Better service at call center
- Better commercial support at stores

Expectation of 10-15% clients in regulated commercialisation to become non-regulated

Expected capture of significant market share of non-regulated market (>66%)



- Ensure neutrality of PPAs resolution
- Leverage on competitiveness of Generation portfolio
- Recover Distribution margin
- Ensure stable development of Commercialisation

- Ensure flexibility in sourcing
- Acquire strategic assets
- Leverage leadership position in Iberian energy sector

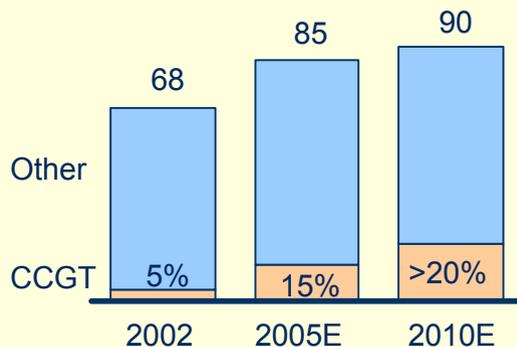
Strong growth in electricity demand in Iberia will require new CCGT capacity



Electricity Consumption in Iberia
TWh



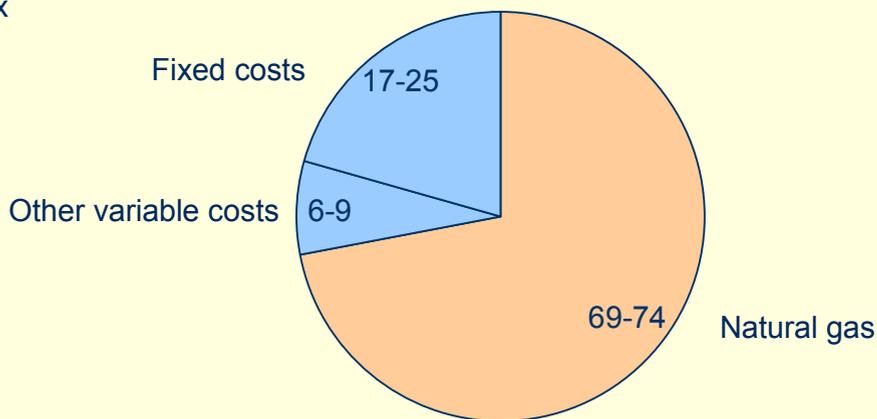
Installed Capacity in Iberia
GW



CCGT is the preferred technology for new additions to current installed capacity in Iberia

- Lower investment required
- Lower operational costs
- Increased operating flexibility
- Higher efficiency levels
- Lower environmental costs
- Lower water consumption
- Faster to build
- Smaller sites

Total generation cost of CCGT
Index



Strong rationale for EDP to enter gas business

Need to access sourcing thus reducing risk and protecting margins ...

Characteristics of Iberian market

Diminishing negotiation power along value chain (sellers' market)

Existence of destination clauses

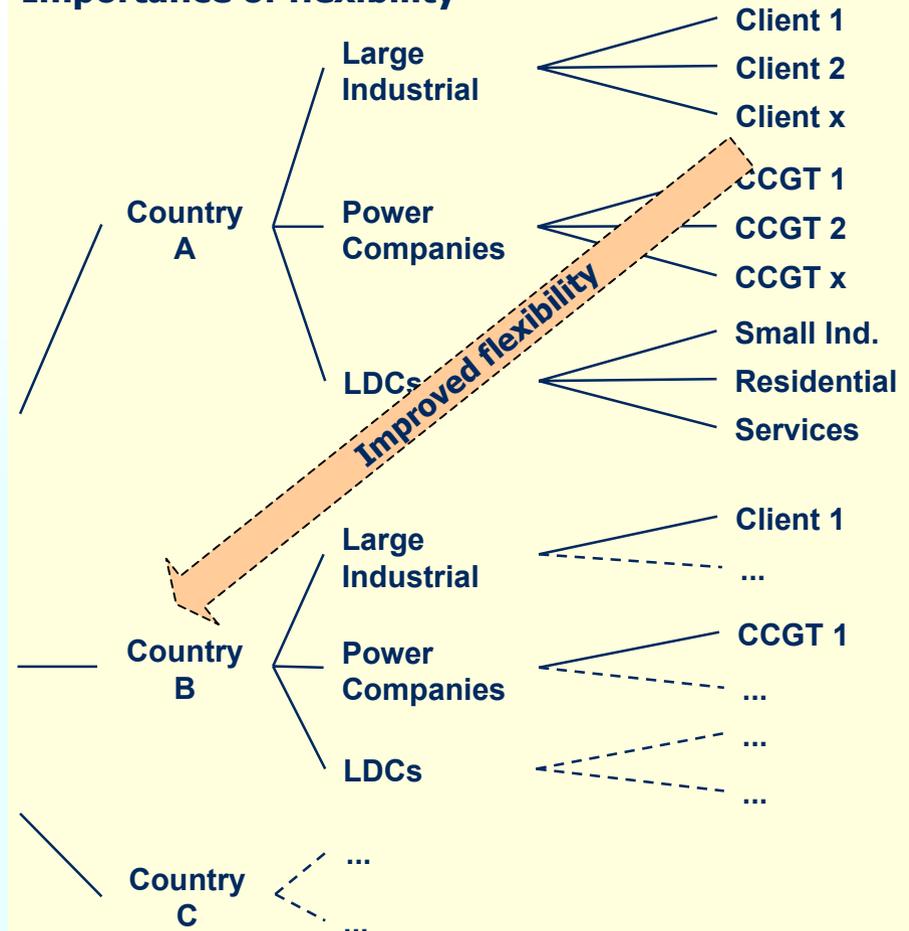
Reduced number of gas suppliers with significant market power

Rigid and obscure price formulas hamper bargaining power of CCGTs

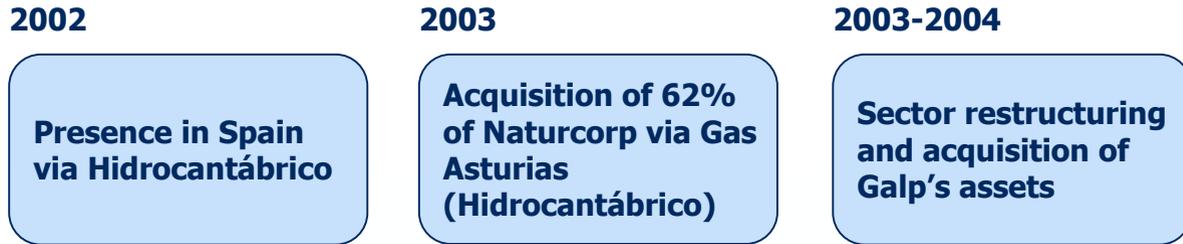
Reduced flexibility in take-or-pay contracts vs high volatility in CCGTs dispatching

... need for improved flexibility for a more efficient management of CCGTs

Importance of flexibility



Galp assets will allow strong position in gas business

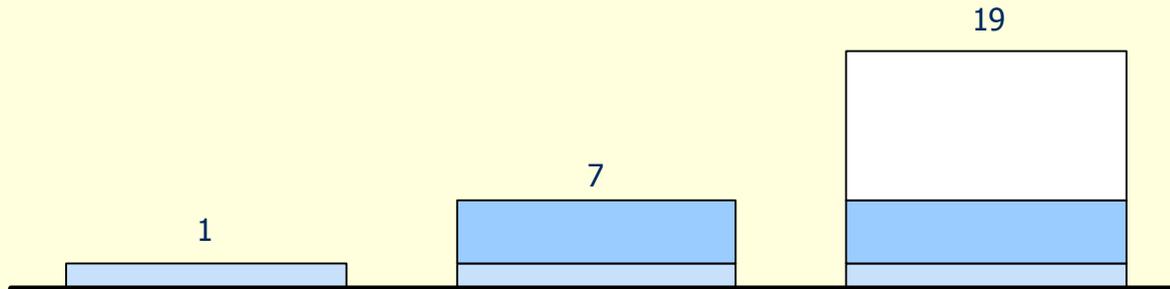


Iberian energy operator with 20% market share

Access to gas at competitive prices with increased contract flexibility

Capture commercial synergies gradually between the electricity and gas businesses

Iberia market share 2002 (%)



Commercialized gas (bcm)

0,3

1,9

5,4

Customers (000)

146

510

1.270

Contracts

0,4 bcm

2,0 bcm

7,7 bcm

Access

—

Reserved access through Bilbao terminal

Sines terminal; transportation assets

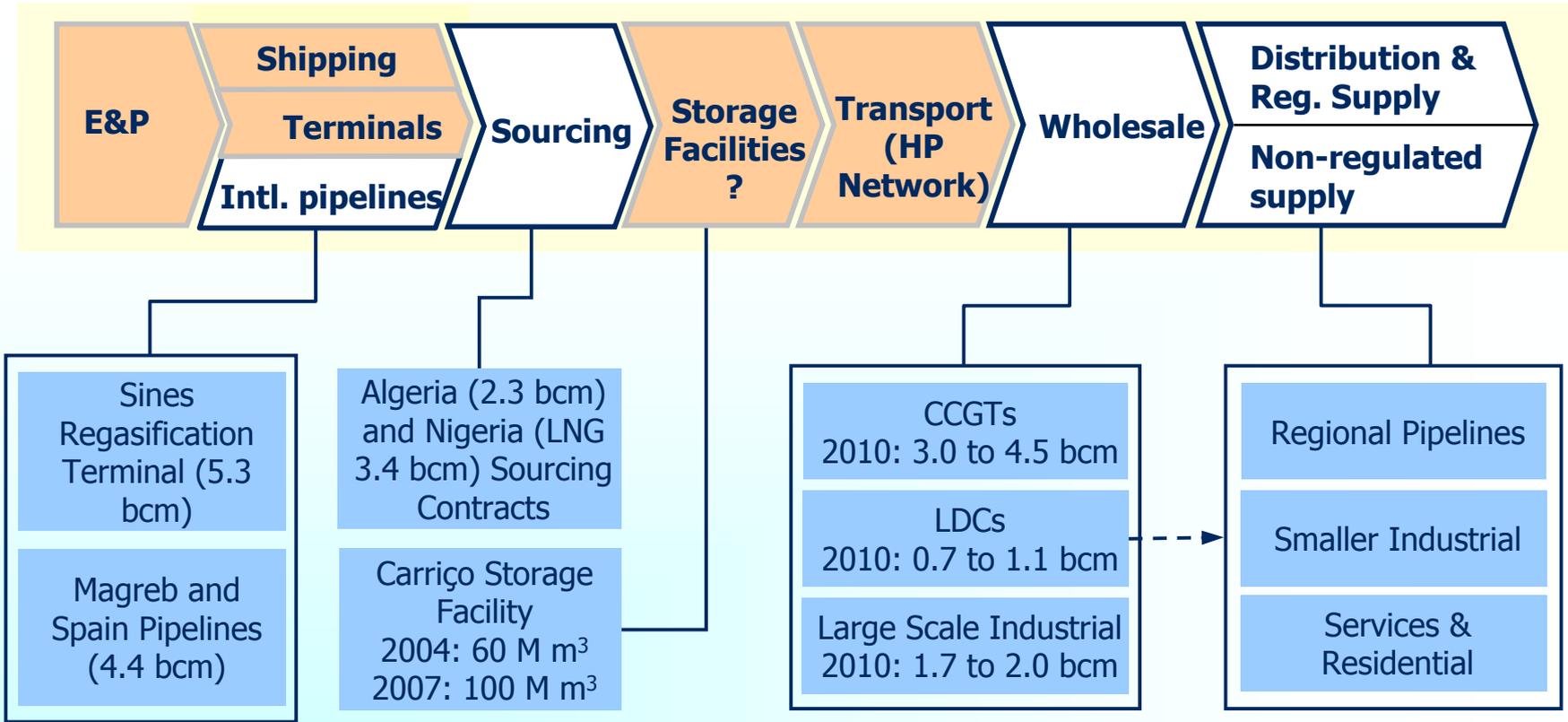
Desired gas assets will be incorporated following the energy sector restructuring



Transgás

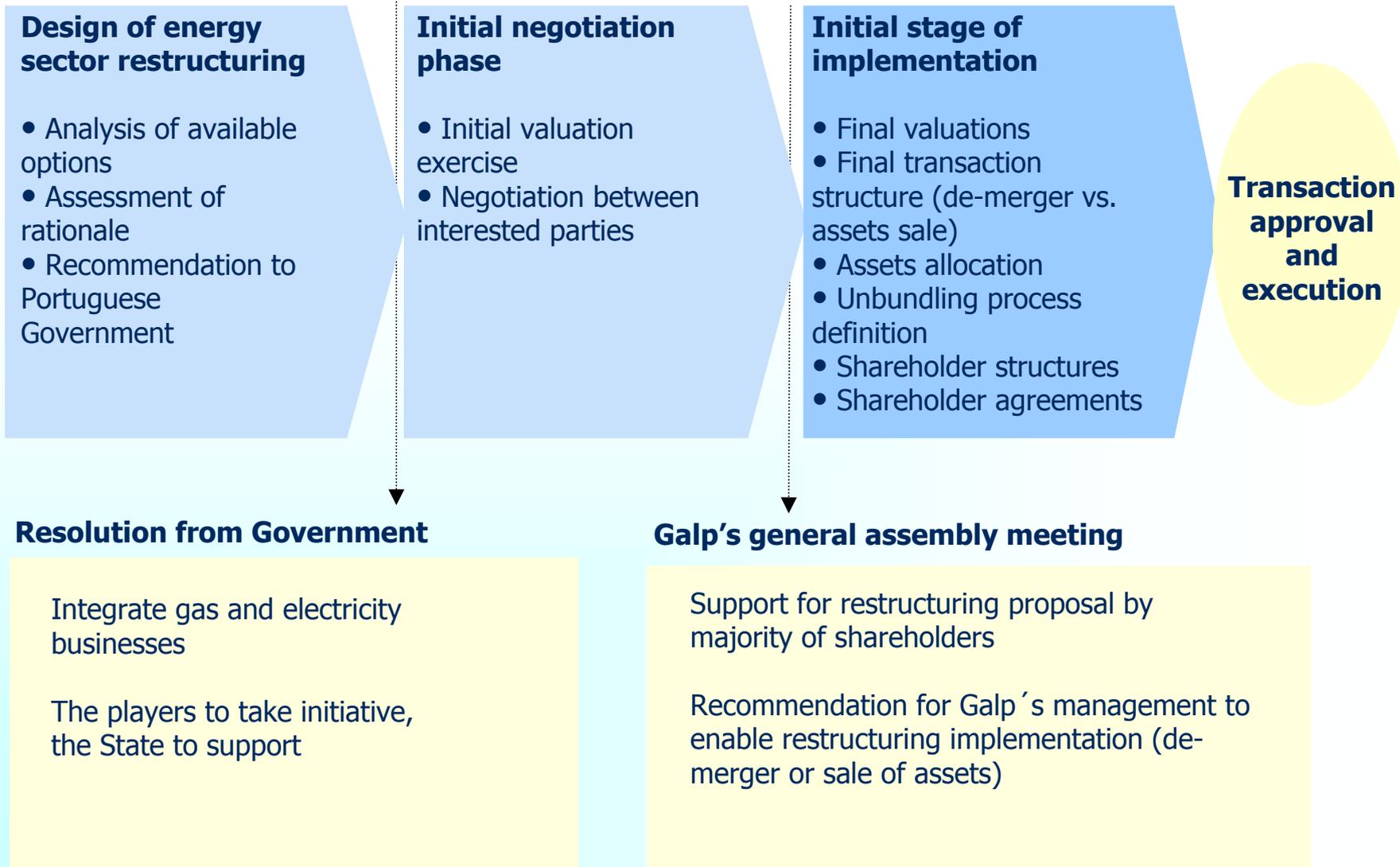


GDP Distribuição

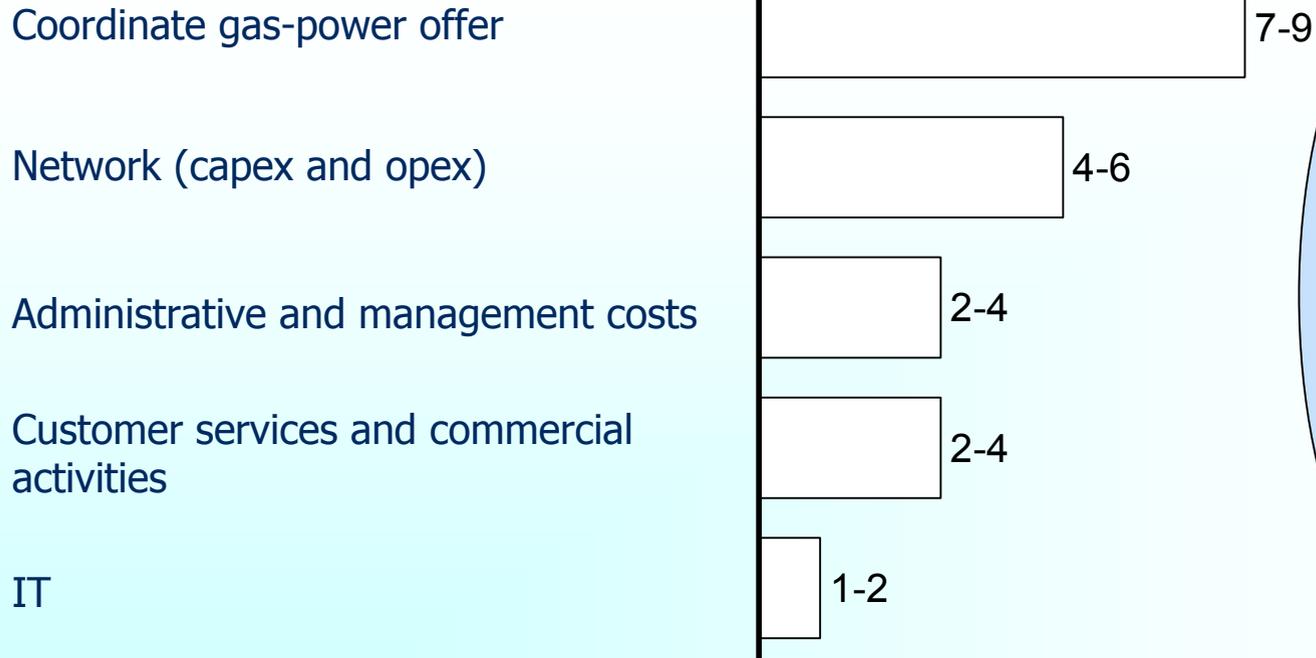


Successful integration requires: (1) EDP to have operational control over targeted gas assets; (2) EDP's exit of Galp's oil business; (3) Final valuations of gas assets to reflect liberalized market context.

Current status

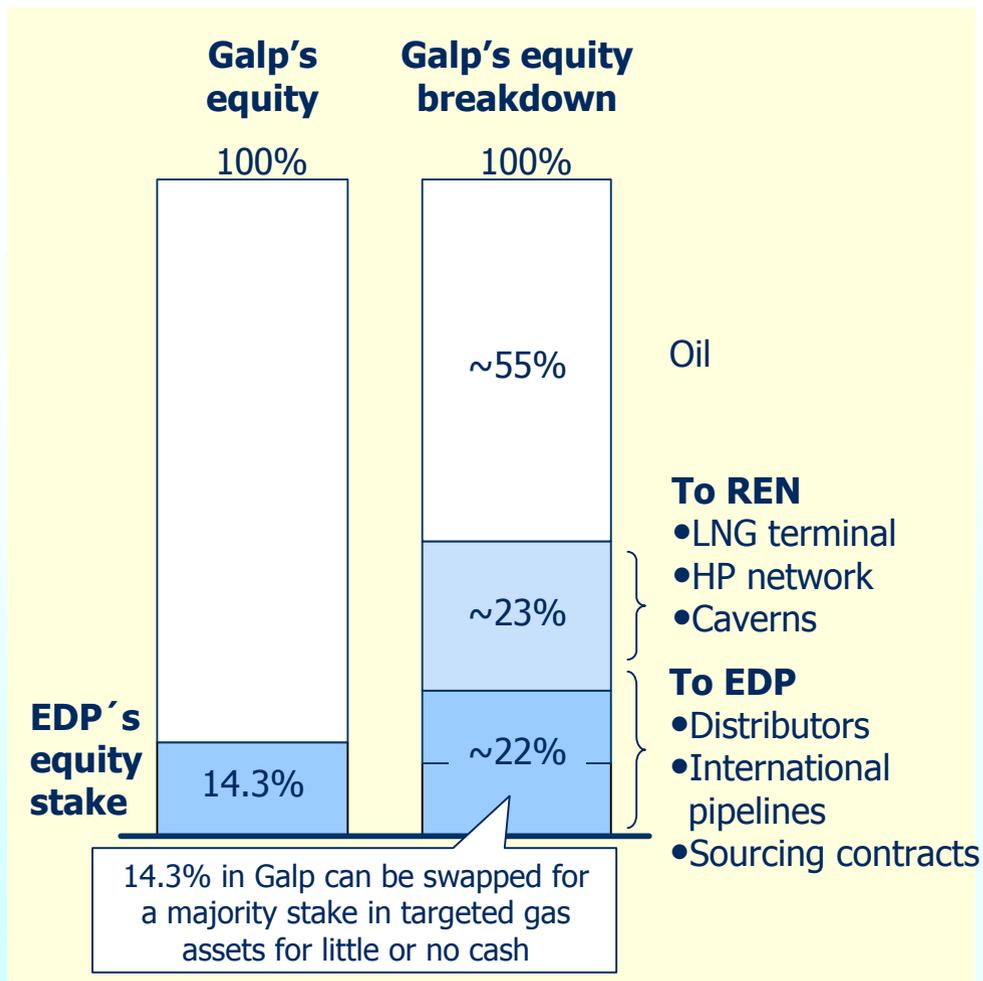


Synergies Million Euros p.a.



In addition to the flexibility value, other synergies are valued at 15 to 20 million Euros per year

Little or no cash needed for transaction



Expected Impact on key financial ratios* (2003E)	Before	After
Sales (€bn)	7.0	7.5
EBITDA (€bn)	1.8	1.9
Net income "EDP Gas" (€bn)	0.04	

Expected Impact on credit ratios* (2003E)	Before	After
EBITDA interest cover	4.6	4.5
FFO interest cover	4.3	4.2
FFO/net debt (%)	16.2	16.0

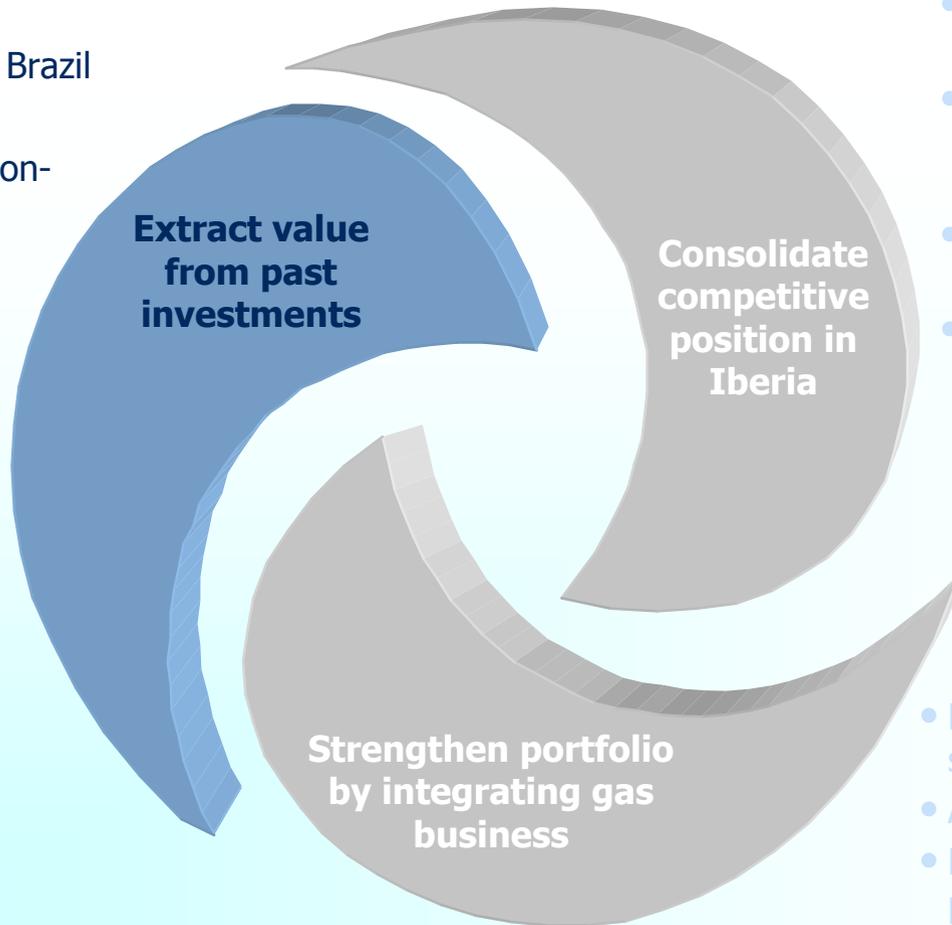
Maximise value of EDP's 14.3% equity stake in Galp

Limited/no impact expected on credit ratios

* All based on preliminary valuation of unbundled gas assets. Final impact can differ substantially based on final structure of transaction.

Key value levers

- Materialise value in Brazil
- Consolidate ONI
- Divest from other non-core assets



- Ensure neutrality of PPAs resolution
- Leverage on competitiveness of Generation portfolio
- Recover Distribution margin
- Ensure stable development of Commercialisation

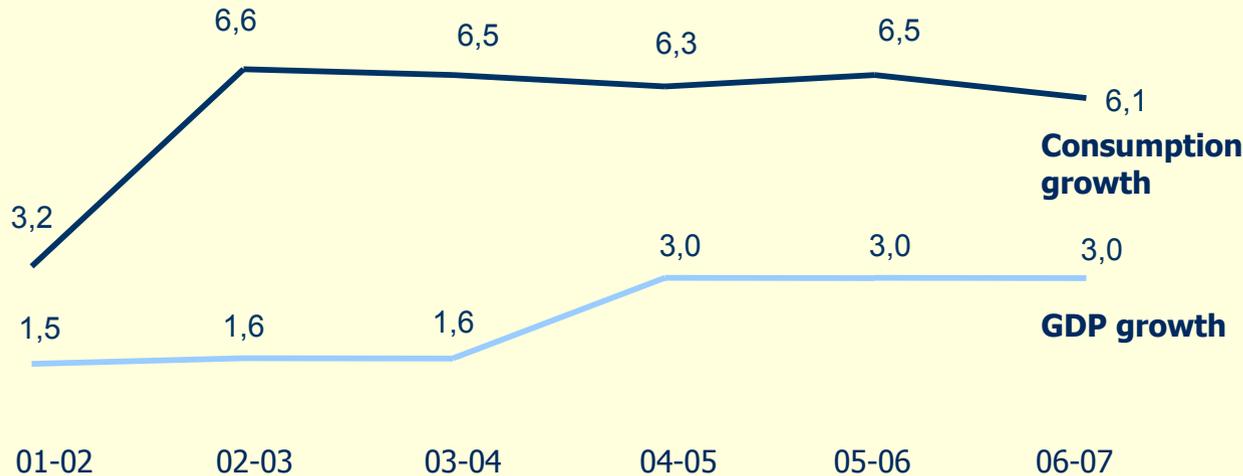
- Ensure flexibility in sourcing
- Acquire strategic assets
- Leverage leadership position in Iberian energy sector

Brazil

Improved macroeconomic outlook and growing consumption



Expected power consumption evolution in Brazil



Steady recovery in consumption following the rationing programme

Economic turnaround and lower political risk

Equitable regulation based on a more adequate return of the invested capital

Incentives to private investment

Year consumption 2001-2007
TWh/year



Rationalisation of power consumption established by the Government

Expected recovery beyond 2005

Key drivers

Tariff increase

Tariff increase (12% to 18% annual average increase from 2003 to 2006) following recognition by regulator of additional costs and adjustments of asset base

**+7% in
real terms
CAGR 03-06**

Improvement of **customer mix**
(more weight on SMEs and residential)

Reduction in operating costs

Decrease of controllable costs in real terms
(~3%/year)

- Reduction of 400 employees
- O&M costs in line with inflation
- Capture of synergies
- Sharing of best practices

**-3% in
real terms
CAGR 03-06**

Corporate organisational and governance restructuring

Improvement **of fiscal efficiency**

Enabler of restructuring and **capture of synergies**

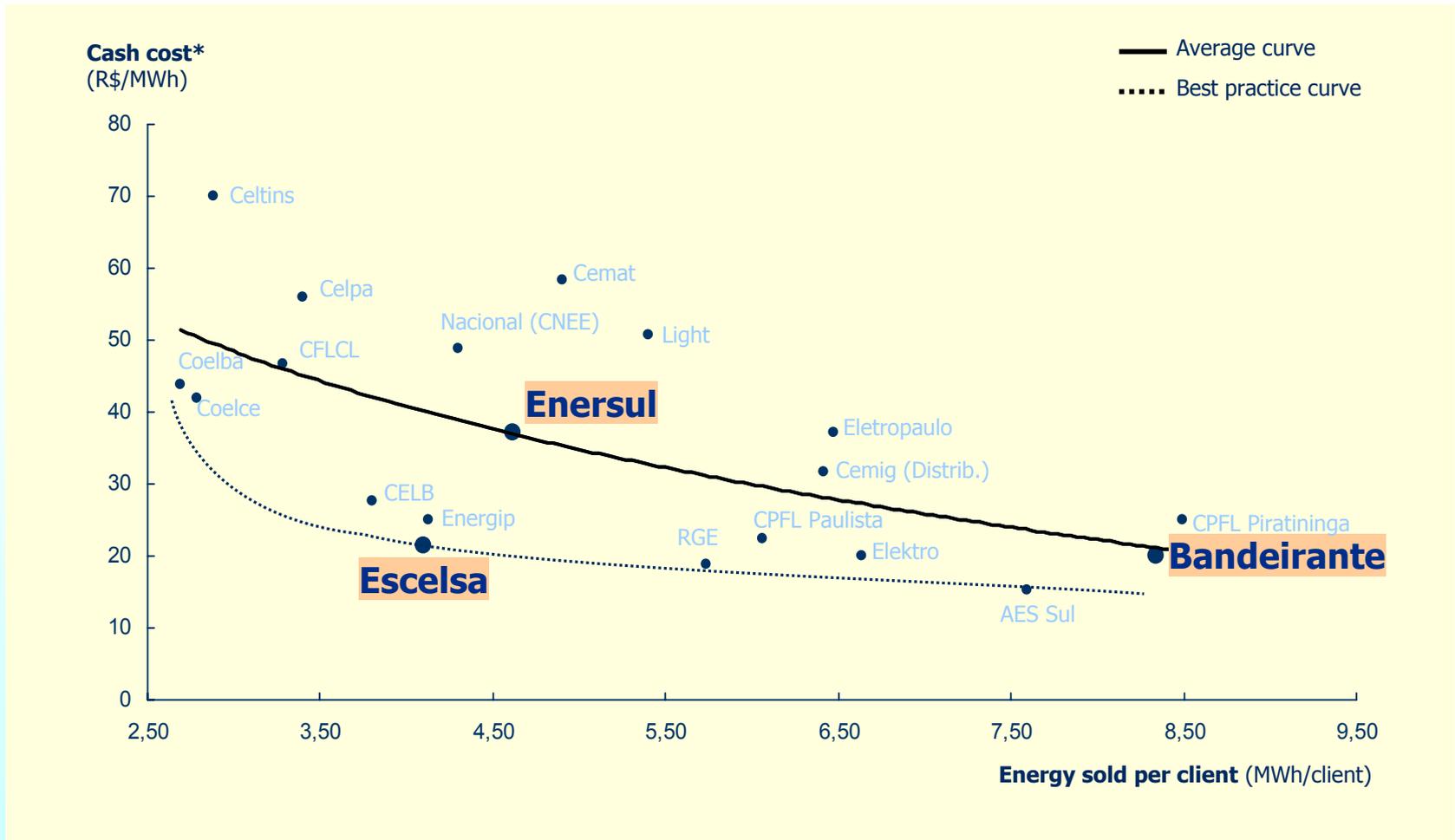
Elimination of organisation **complexity**

**NPV:
R\$40 million**

Brazil Strong cost position following cost reduction program

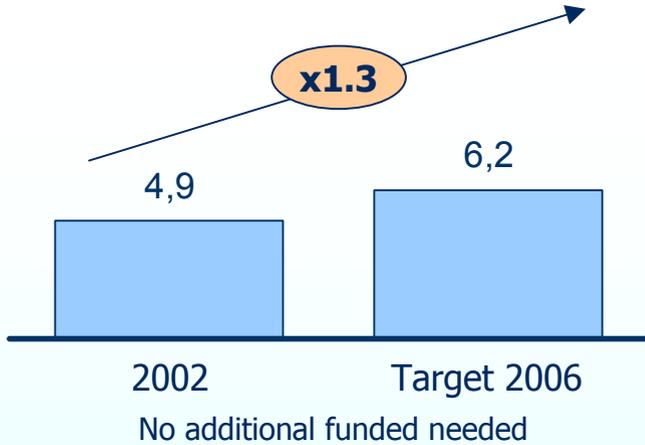


2002

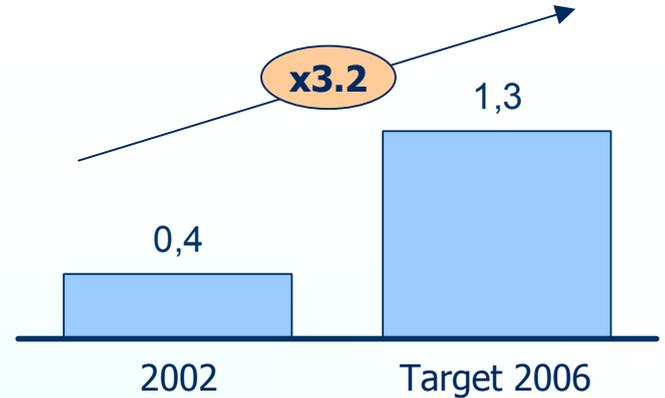


* Personnel, materials, services and other costs. Excludes amortisation and depreciation

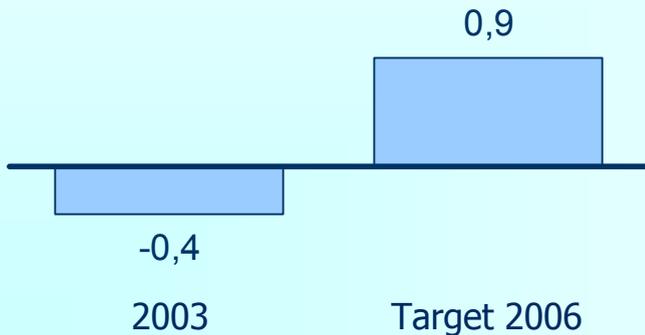
Invested capital
\$R billion



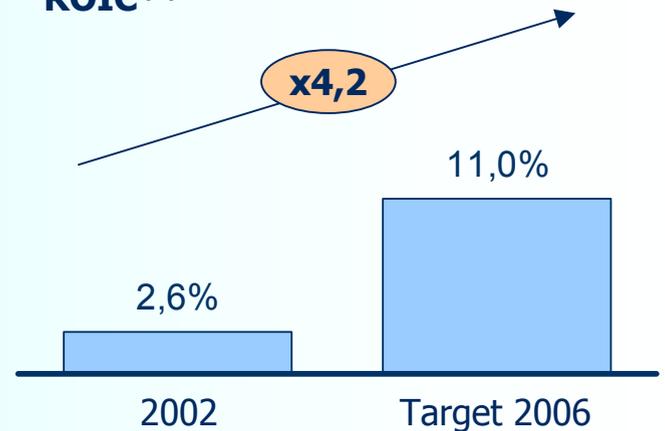
EBITDA
\$R billion



Operating cash flow*
\$R billion



ROIC**



* Cash flow after capex and investment in working capital

**After taxes and including goodwill

2002-2003

Business restructuring (divestment of mobile)

Focus on high-priority segments (key accounts, corporate) with 22% market share

Aggressive rationalization of operating costs in Portugal (ongoing 40 m€)

2004-2006

Consolidate high-priority segments (+ 4 p.p. share)

Develop SMEs and selected niches (from 3 to 7% share in SMEs)

Continued tight infrastructure management

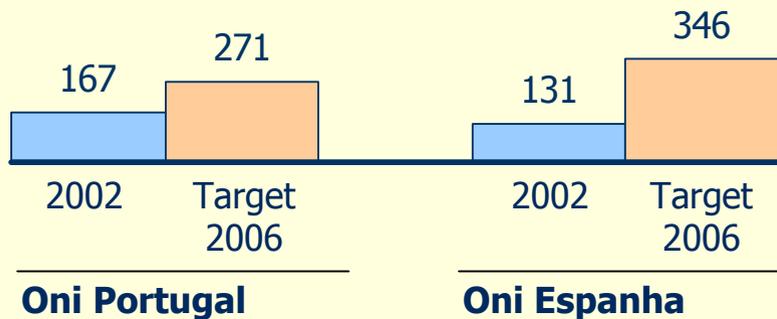
Expected decrease interconnection costs (5% p.a.)

Oni

Extracting value from fixed line services



Revenues M€



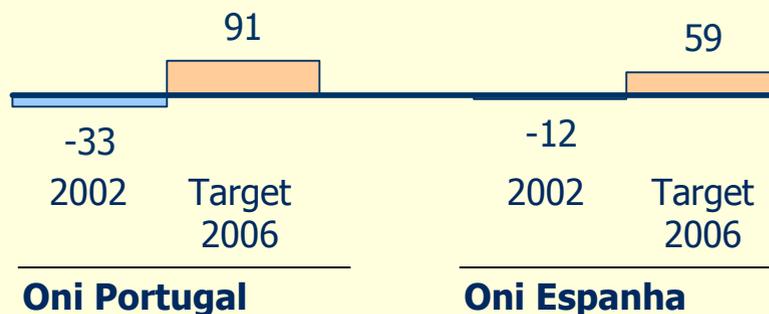
Direct activity costs* Percentage of revenues



Operating costs M€



EBITDA M€



* Direct costs (e.g., interconnection tariff)

Main divestment options	Comments	Cash inflow Million euros
3% stake at Iberdrola	Finalised in October 2003	400
25% stake at REN*	Plan to sell (during 2004) as part of the remodelling of the electricity sector	200-300
Real Estate	Urban buildings with potential capital gains	70

Additionally, EDP is assessing options for a strategic partnership in IT and looking for consolidation opportunities in telecommunications

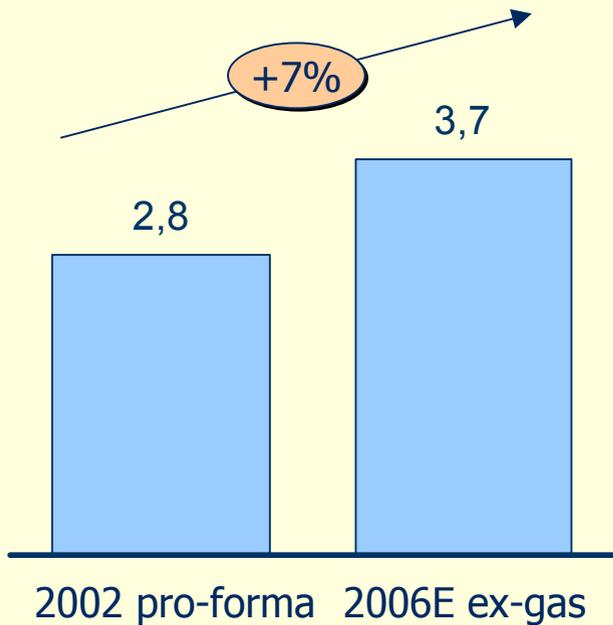
* REN-Rede Eléctrica Nacional (Portuguese Power Transportation Network)

- A very competitive energy player
- Key EDP value levers
- **Financial targets**
- Capabilities and performance culture

Strong expected growth ...

Billion euros. Compound Annual Growth Rate

Gross margin*



Breakdown by business unit (M€)

Business unit	2002 pro-forma	2006E ex-gas	CAGR (%)
• Generation	959	1,095	+3
• Distribution	1,133	1,345	+4
• Hidrocantábrico**	191	328	+15
• Brazil	338	455	+8
• Oni	140	316	+23
• Renewables	—	60	N/a
• Other	75	81	+2

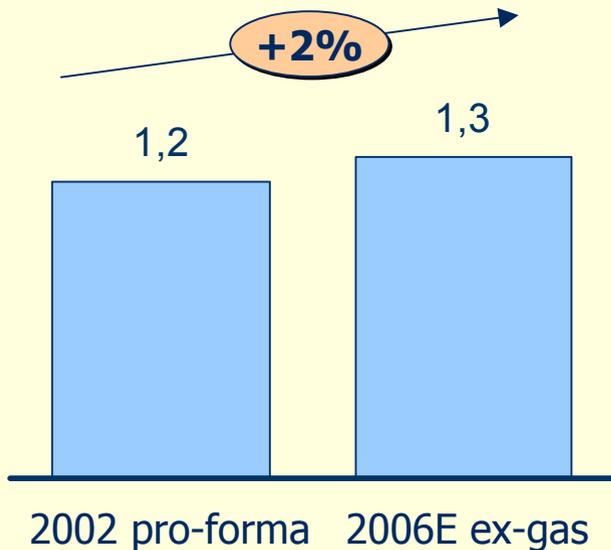
* Sales + services - direct sales costs

** 40% Consolidated

... whilst costs are expected to be flat in real terms ...

Billion euros. Compound Annual Growth Rate

Operating costs ^a



Breakdown by business unit (M€)

Business Unit	2002 pro-forma	2006E ex-gas	CAGR (%)
• Generation	169	189	+3
• Distribution	644	754	+2 ^c
• Hidrocantábrico ^b	57	90	+6 ^d
• Brazil	167	133	-6
• Oni	185	166	-3
• Renewables	—	7	N/a
• Other	-14	-8	N/a

Distribution costs decreasing in real terms (excluding municipal tax increase)

Significant cost reduction effort for Brazil and Oni

a Personnel + services + other operating costs – other revenues (not driven by sales and services)

b Consolidated at 40%

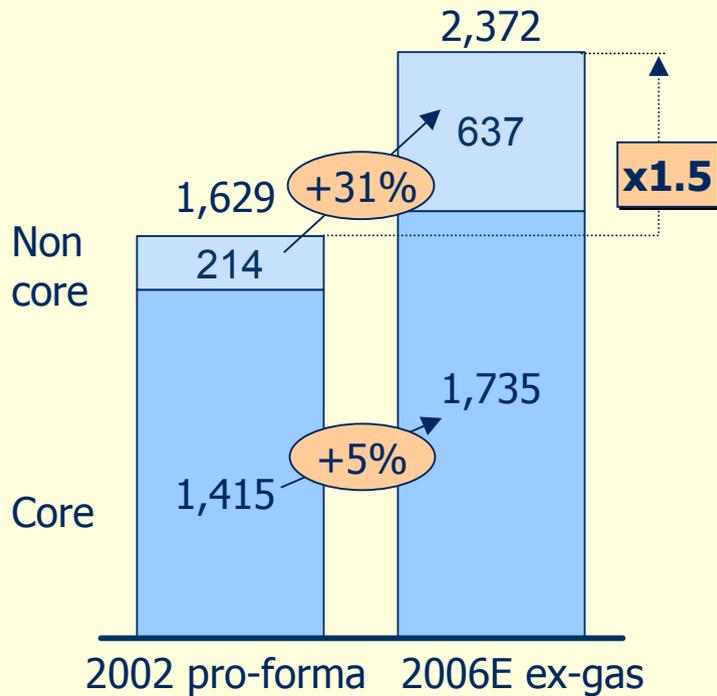
c Excluding cost increase in municipality payment from 7% to 10% of revenues

d Excluding impact from consolidation of Naturcorp in 2003

...which should result in a 50% increase in EBITDA

Million euros. Compound Annual Growth Rate

EBITDA



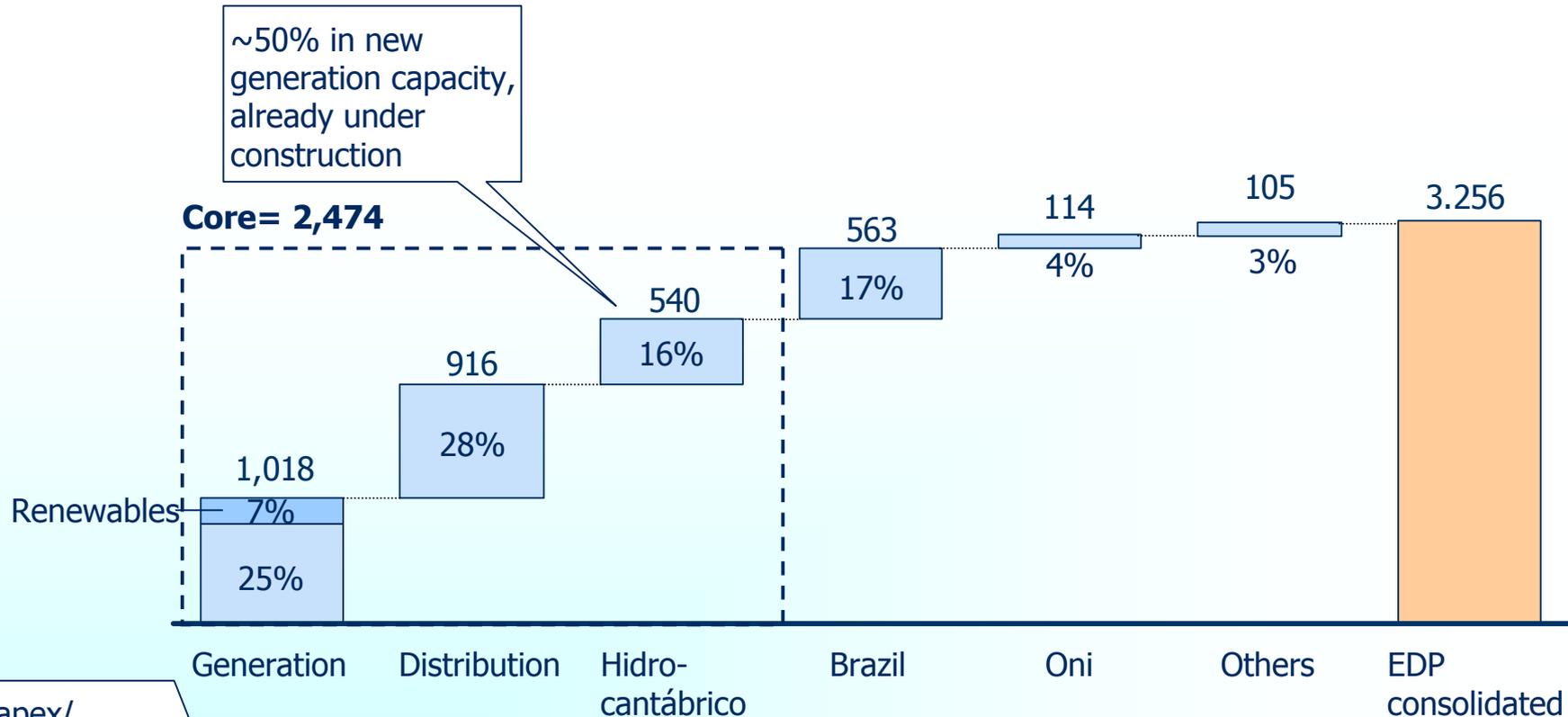
	2002 pro forma	2006E ex-gas	Total Improvements
Generation	791	906	+115
Distribution	489	591	+102
Hidrocantábrico*	135	238	+103
Brazil	171	321	+150
Oni	-45	150	+195
Renewables	—	53	N/A
Others	88	113	+25

All business units expected to contribute to the increase in EBITDA

Turnaround of telecom business (Oni)

Bulk of investment is dedicated to core business...

Accumulated Capex 2004-2006, M€



Capex/
depreciation
of fixed assets

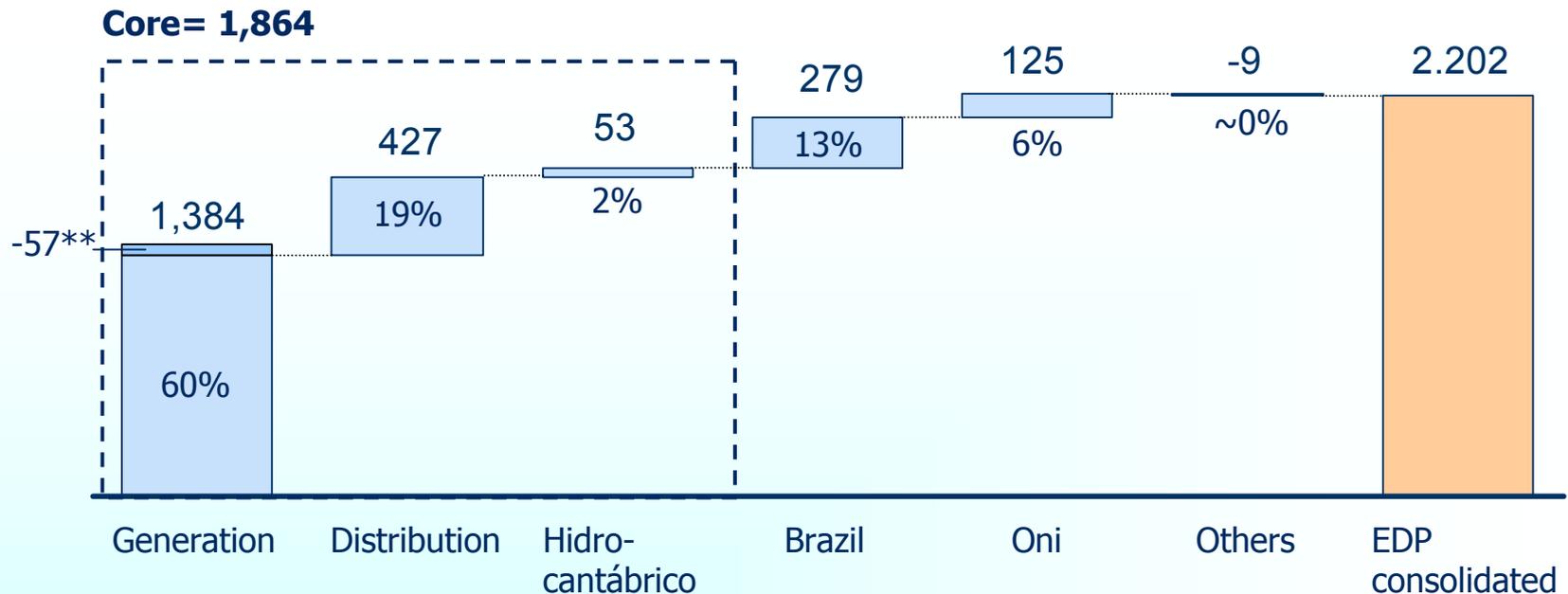
Category	Generation	Distribution	Hidro-cantábrico	Brazil	Oni	Others	EDP consolidated
Capex/depreciation of fixed assets	1.4	0.8	2.4	2.9	0.6	0.3	1.2

Investment in replacement Capex with exception of Spain, Brazil and Generation (including renewables)

Investment in Brazil and Spain mostly driven by new generation assets

... which should continue to be the main cash generator

Accumulated cash flow* 2004-2006, M€



Strong cash flow generation in core business in Portugal

Both Brazil and Oni with a positive accumulative contribution for consolidated cash flow

* Net income + depreciation + goodwill depreciation + provisions + net interest paid (adjusted with tax shield) – capex – investment in operating working capital

** Renewables

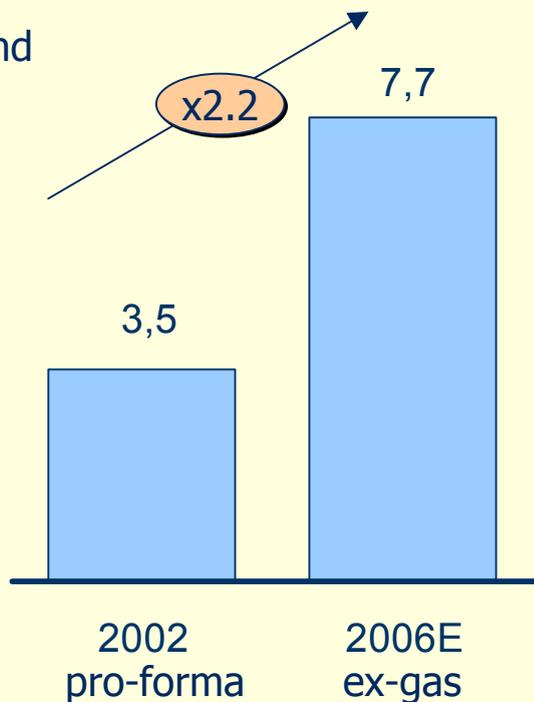
EDP expects to more than double the return on invested capital



Percent

Return on invested capital*

(after tax and goodwill)



	2002 pro forma	2006E ex-gas	Growth
Generation	8.0	10.0	x1.2
Distribution	4.5	6.3	x1.4
Hidrocantábrico**	3.7	5.6	x1.5
Brazil	2.6	11.0	x4.2
Oni	-11.3	10.1	N/a
Renewables	-	10.0	N/a

* $EBIT_{Adjusted} \times (1-t) / \text{Invested Capital (including goodwill)}$

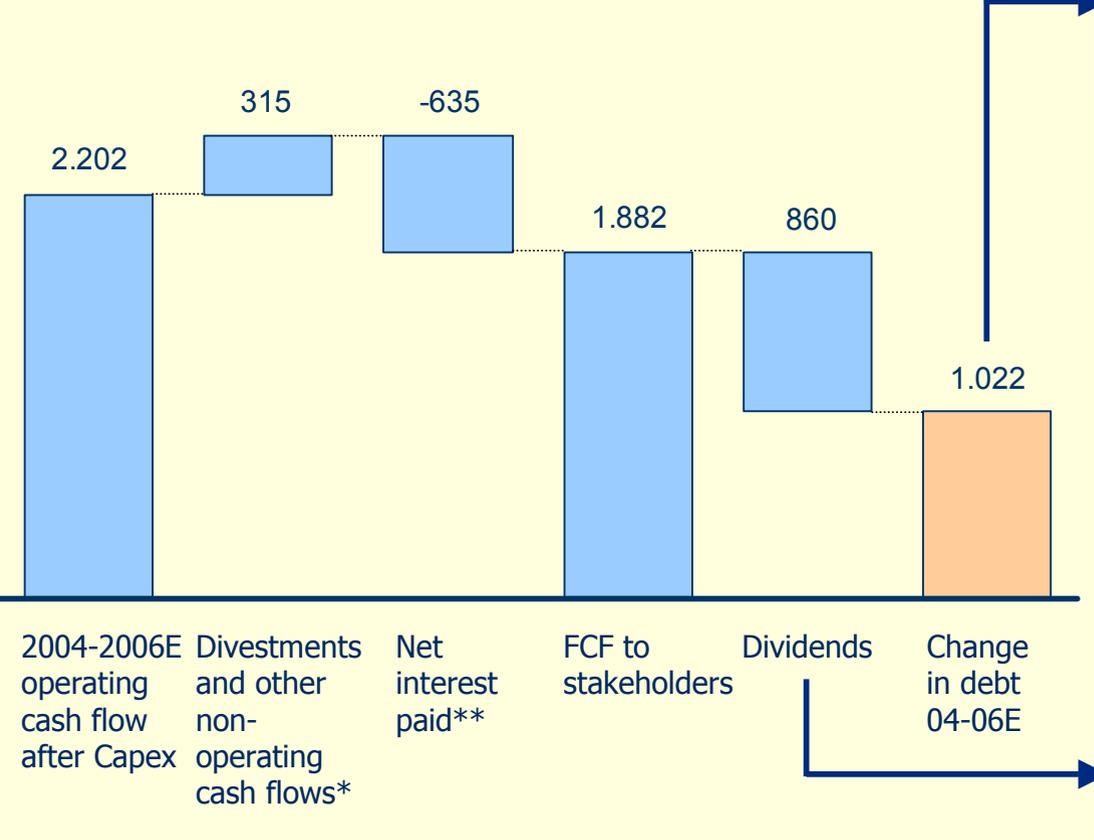
** 40% consolidation

EDP expects to be able to reduce its debt by € 1 bn. and strengthen credit ratios



Accumulated 2004-2006, M€

Cumulative cash flows



Credit ratios

	2002	2006E
EBITDA interest coverage	5.1	7.0
Net debt/total capital	57%	52%
Debt/EBITDA	5.4	2.9

Expected sustainable growth of dividends (7-8% growth per year)

* Results distributed to personnel (~-59M€), changes financial investments (~+71M€)

** Net of income from financial investment

- A very competitive energy player
- Key EDP value levers
- Financial targets
- **Capabilities and performance culture**

Reinforcing EDP's performance culture

Four integrated programs



Improved **planning** system combining financial and operational perspectives

Stretched, BU-driven targets

Cascaded objectives

Already implemented

New systematic **monitoring** of performance drivers

New balanced scorecard per BU

More demanding challenge of performance gaps (monthly)

Revised **evaluation** system emphasizing accountability

Strengthened organization accountability

Upgraded qualitative and quantitative metrics

Broad-based **HRM** program focused on staff development

Extended mentoring programs for top 250

Tailored development programs for high performers

Enhanced **internal communication**

Meeting with vast majority of EDP employees in Portugal (>10,000)

Integrated approach to risk management

(netting risk exposure internally)

Increase risk transparency

(identification and quantification of risks)

Risk-adjusted capital allocation

Incorporate risk management insights into strategy and core business processes

Enhance quality of decision-making of senior management

Increase risk control and reporting

(alignment with best practices)

Dedicated team of 5 led by senior officer

Procedures/ systems currently being upgraded

Phased approach, focused on short-term results

Enhanced corporate governance

Reinforced independence

- Clearly separate the role of Chairman and CEO role
- Enlarged supervisory board (8 members, 4 independent, only 1 appointed by State)

Improved oversight

- Audit Committee reporting to Chairman
- Compensation Committee independent of Executive Committee

Renewed leadership

5 Member Executive Board



Joao Talone
CEO



Rui Horta e Costa
CFO, Oni



Jorge Godinho
Brazil, EDP Valor,
Renewables



Navarro Machado
Distribution



Pedro Rezende
Generation,
Hidrocantábrico

Summary of key messages

A competitive energy player looking forward to an Iberian market ...

- Most attractive market in Europe
- Efficient cost structure in generation
- Commitment to cut-cost in regulated distribution
- Uniquely positioned in Portugal and Spain

... focused value creating strategy ...

- Consolidate position in Iberian electricity
- Strengthen portfolio by integrating gas
- Extract value from past investments

... with expected strong financial impact

- x1.5 EBITDA in 2006
- x3.3 cash flow in 2006
- x2.2 ROIC in 2006
- Consolidation of balance sheet



Focus on profitable growth

Strategic Plan 2006

December 2nd, 2003

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