



# Results Presentation 9M12

Lisbon, November 7<sup>th</sup>, 2012



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# 9M12: Highlights of the period



**EBITDA: €2,742m, -1.2% YoY**

**Brazil (EBITDA -28% YoY) penalised by non-recurrent events in 9M12**

Higher energy costs in 9M12: pass-through mostly in 2013; Coal plant delay: commissioning now closer

**Iberian operations ex-wind power: EBITDA flat YoY**

Resilient business profile in challenging macro/regulatory environment; Tight cost control (opex+0.3%YoY)

**Wind power (EBITDA +23%)**

Installed capacity +6% YoY: +429MW, **75% of new capacity outside Iberia**; Avg. sale price: +11% YoY

**Average cost of debt of 4.0% in 9M12 (flat vs. 9M11 and vs. 1H12)**

Cost of debt below our guidance in May-12: Strong decline in Euribor rates + lower refinancing cost

**Net Profit: €795m, -3.5% YoY**

# 9M12: Highlights of the period



Strong improvement of credit markets: In Jul-12/Oct-12 EDP raised €2.5bn of LT debt at competitive cost  
**Strong financial liquidity: currently at €5.0bn + €3.0bn commitments in 2013-15 from CTG partnership**

Regulatory receivables Portugal +€0.9bn in 9M12: €0.3bn above expected due to extremely dry weather  
**ERSE's proposal on avg. tariff increase Jan-13: +2.8%; In line with agreed, supports system sustainability**

Capex of €1.2bn (-11% YoY): fewer expansion projects in new wind power capacity  
**Disposals: €440m agreed (gas transmission Spain + 49% in 4 wind farms in US), cash-in expected in 1Q13**

Net debt +€1.3bn YTD (+7.7%) to €18.2bn in Sep-12: Mostly driven by regulatory receivables (+€1.0bn YTD)

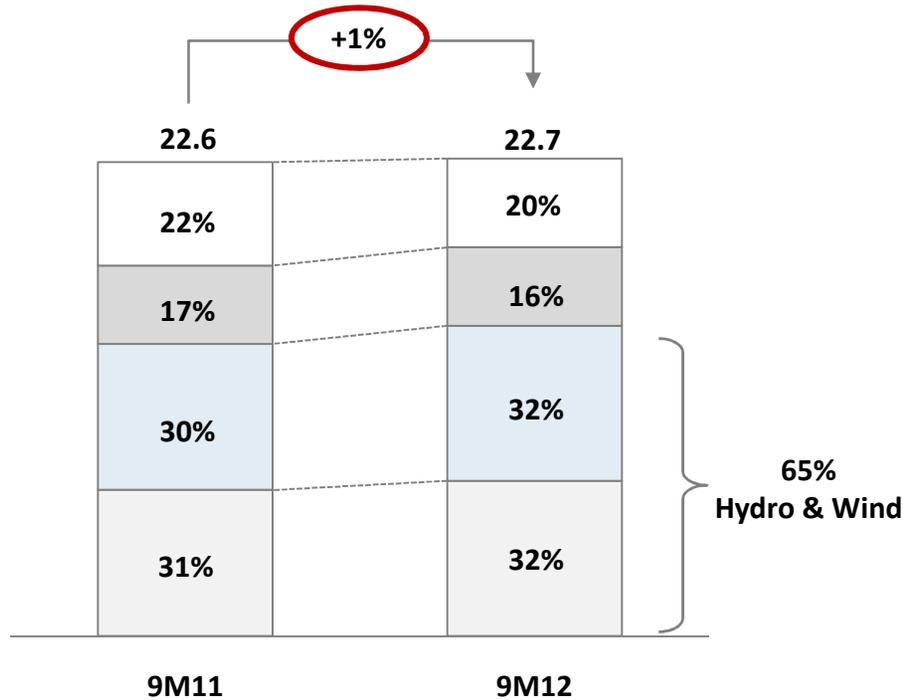
Low risk profile: Over 85% regulated/LT contracted; Diversified markets and competitive assets  
**Focus on risk control + efficiency improvements + delivery of ongoing growth projects**

# 9M12 Operating Headlines

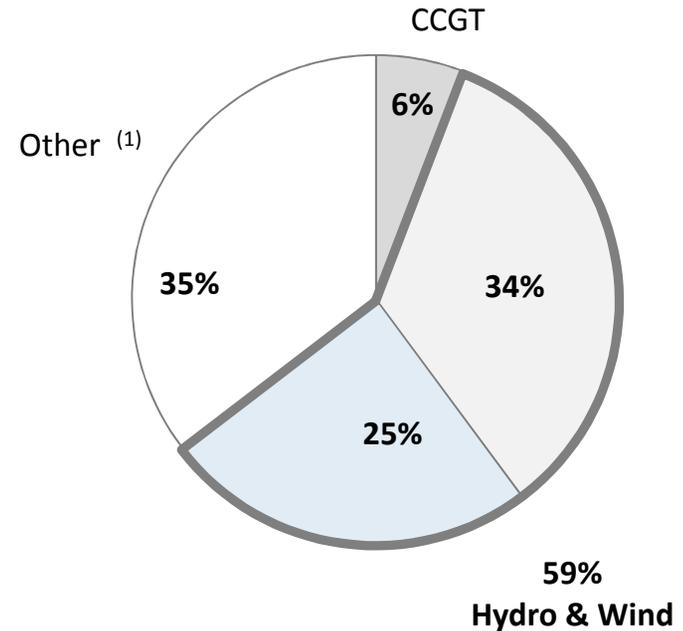


## Installed Capacity (GW)

Wind Hydro CCGT Other <sup>(1)</sup>



## 9M12 Generation Breakdown by Technology (%)



**Installed capacity +1% YoY: +0.4GW new hydro; +0.4GW new wind; -0.7GW fuel oil decommissioning**  
**Wind & Hydro: 65% of total capacity and 59% of energy produced in 9M12 on dry weather**

(1) Coal, thermal special regime, nuclear and fuel oil / gasoil.

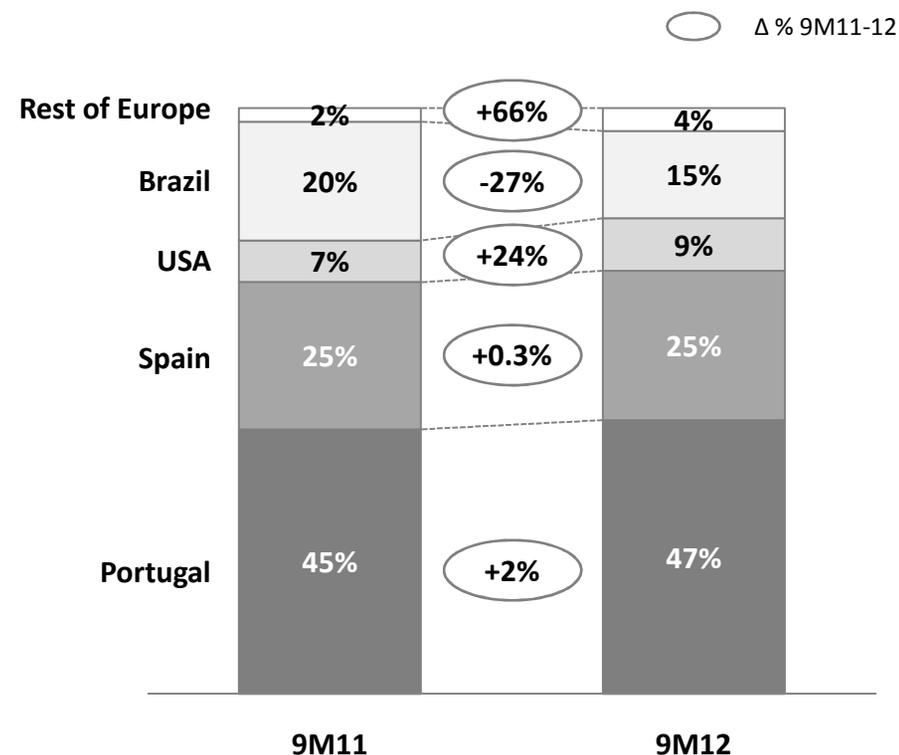
# 9M12 EBITDA: Increasing portfolio diversification



EBITDA Breakdown by Major Subsidiaries: 9M12 vs. 9M11 (%)

	9M11	9M12	Var. %	Var. Abs.
EDP Brasil	554	397	-28%	-157
HC Energia	522	493	-5.5%	-29
EDP Renováveis	548	675	+23%	+126
EDP Portugal & Others <sup>(1)</sup>	1,150	1,177	+2.3%	+27
<b>EDP Group</b>	<b>2,775</b>	<b>2,742</b>	<b>-1.2%</b>	<b>-33</b>

EBITDA Breakdown by Geography<sup>(2)</sup>: 9M12 vs. 9M11 (%)



**Consolidated EBITDA growth penalised by non-recurrent effects at EDP Brasil in 9M12**

**EDPR growth driven by new installed capacity (75% outside Iberia, mostly in US and Poland/Romania)**

(1) Consolidation adjustments and other subsidiaries

(2) EDPR EBITDA allocated by country of origin

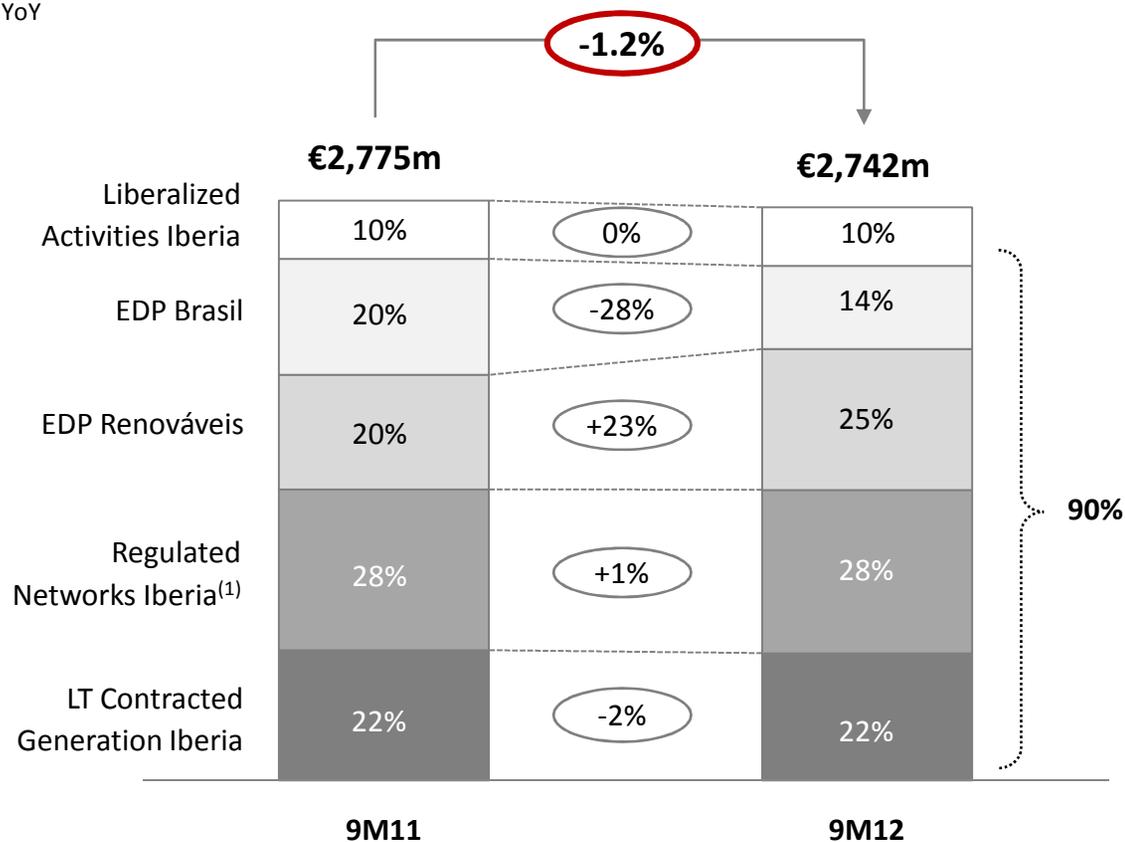
# EBITDA 9M12: Breakdown by division



## EBITDA Breakdown by division (€ million)



% Chg. YoY



**LT Contracted Activities and Regulated activities > 85% of EBITDA: Support for a resilient performance**

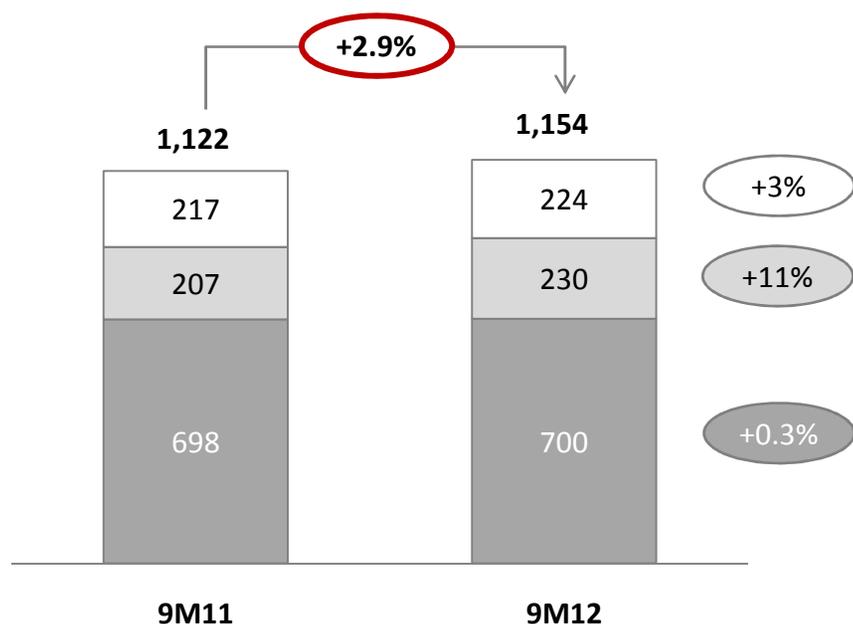
(1) Includes regulated networks and other.

# Operating costs: Efficiency improvements with Opex/Gross Profit<sup>(2)</sup> at 27% in 9M12

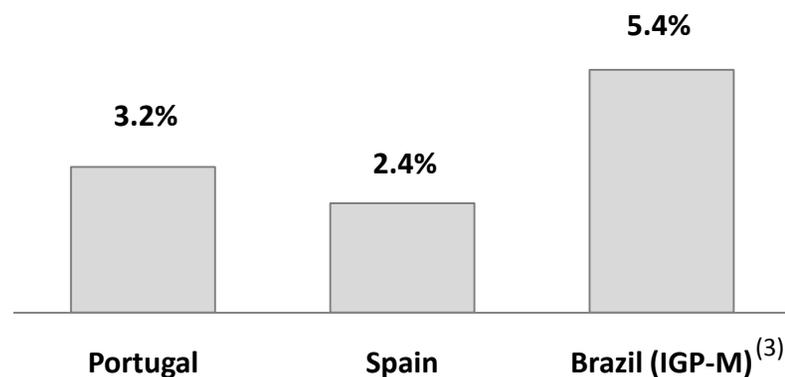


Operating costs <sup>(1)</sup> : 9M12 vs. 9M11  
(€ million)

□ Brazil    □ EDPR    ■ Iberia



9M12 YoY Inflation (%)



- **Iberia: Operating costs +0.3% YoY, on tight control over costs (execution of OPEX III corporate-wide program)**
- EDPR: Operating costs +11% (+7% excluding forex impact) essentially due to O&M (+11% generation output)
- Brazil: Operating costs +3% (+8% in local currency, on restructuring costs)

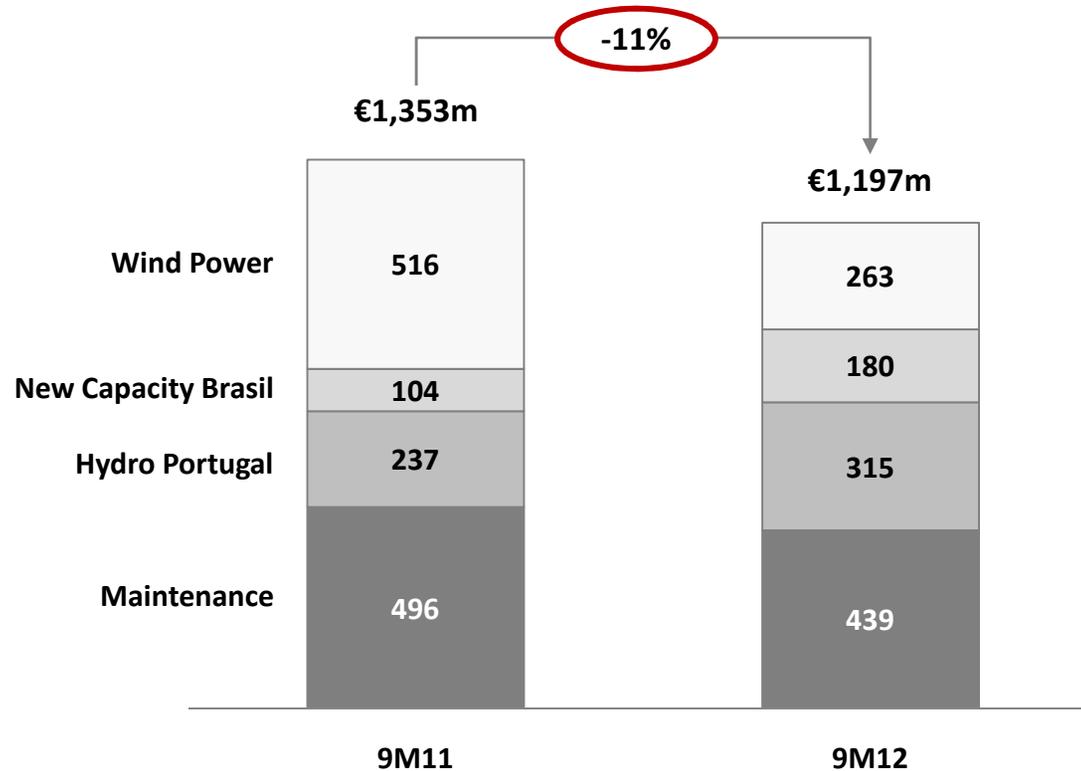
(1) OPEX=Supplies & Services + Personnel costs + Costs with social benefits,

(2) Gross profit adjusted for PTC revenues; (3) Portugal and Spain: INE; Brazil: FVG; monthly average for IGP-M.

# Capex: Execution of Selective Growth



Consolidated Capex Breakdown<sup>(1)</sup>  
(€ million)



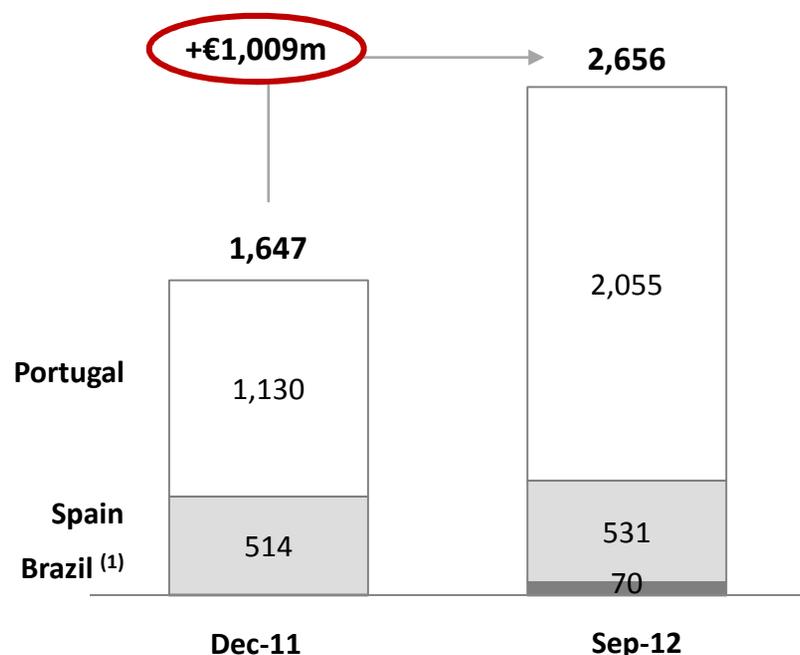
**Capex down 11% YoY, following slowdown of wind power capacity expansion**  
**Expansion capex is 100% Wind + Hydro + Brazil, in Portugal is 100% execution of new hydro under construction**

(1) Capex net of investment subsidies, namely cash grants received in USA

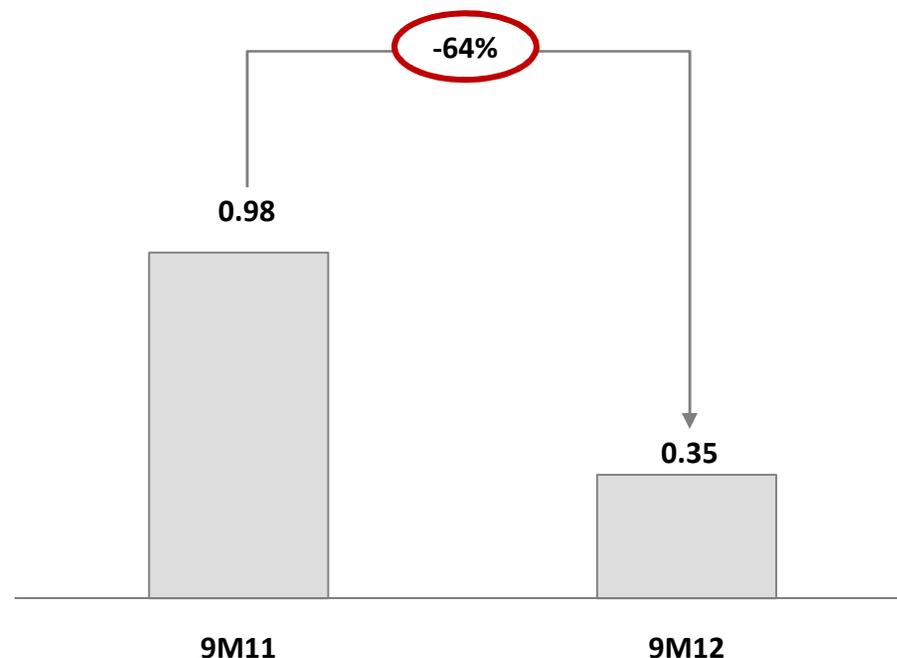
# Net Regulatory Receivables by Sep-12



Regulatory Receivables  
(€ million)



Portugal hydro coefficient  
(1.0 = avg. year)



## Portugal: +€925m

- +€686m mostly in line with the increase predefined by the regulator for 2012 (smooth of tariff increases)
- +€239m due to extreme dry weather in 9M12 (hydro production was 65% below historical average)

**Brazil: +€66m** (higher-than-expected energy costs, to be passed through to distribution customers in 4Q12/2013)

**Spain: +€17m** (+€185m from tariff deficit generated in 9M12, -€168m received from FADE's securitizations in 9M12)

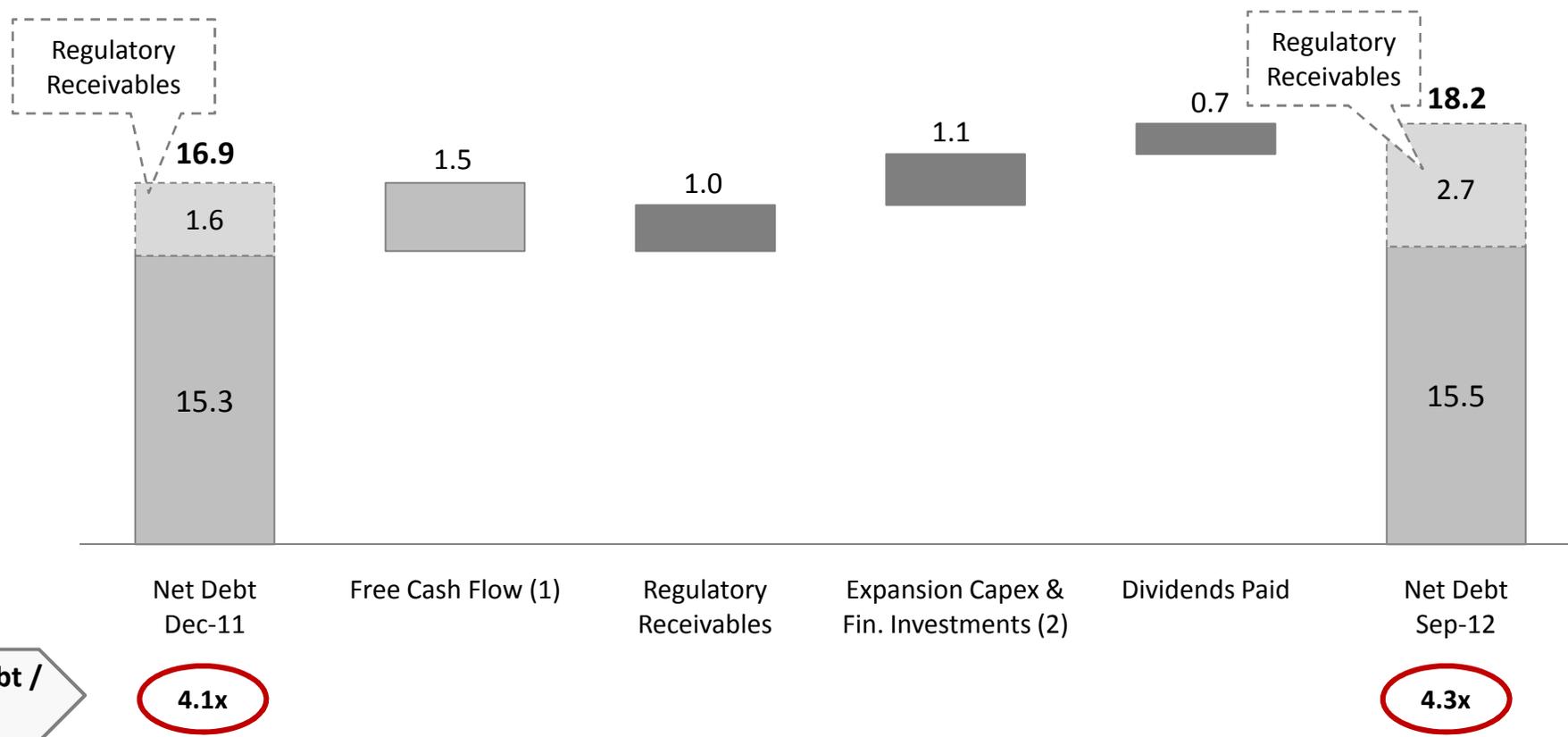
(1) In Brazil Regulatory Receivables are out of Balance Sheet

# Change in Net debt



## Change in Net Debt: Sep-12 vs. Dec-11

(€ billion)



- Net debt +€1.3bn in 9M12 mostly driven by increase of regulatory receivables
- Disposals of €440m already agreed with Enagas and Borealis: expected to be cashed-in before the end of 1Q13
- Sale of the 1<sup>st</sup> block of wind farms' minorities to CTG: Agreement expected to be reached in 4Q12

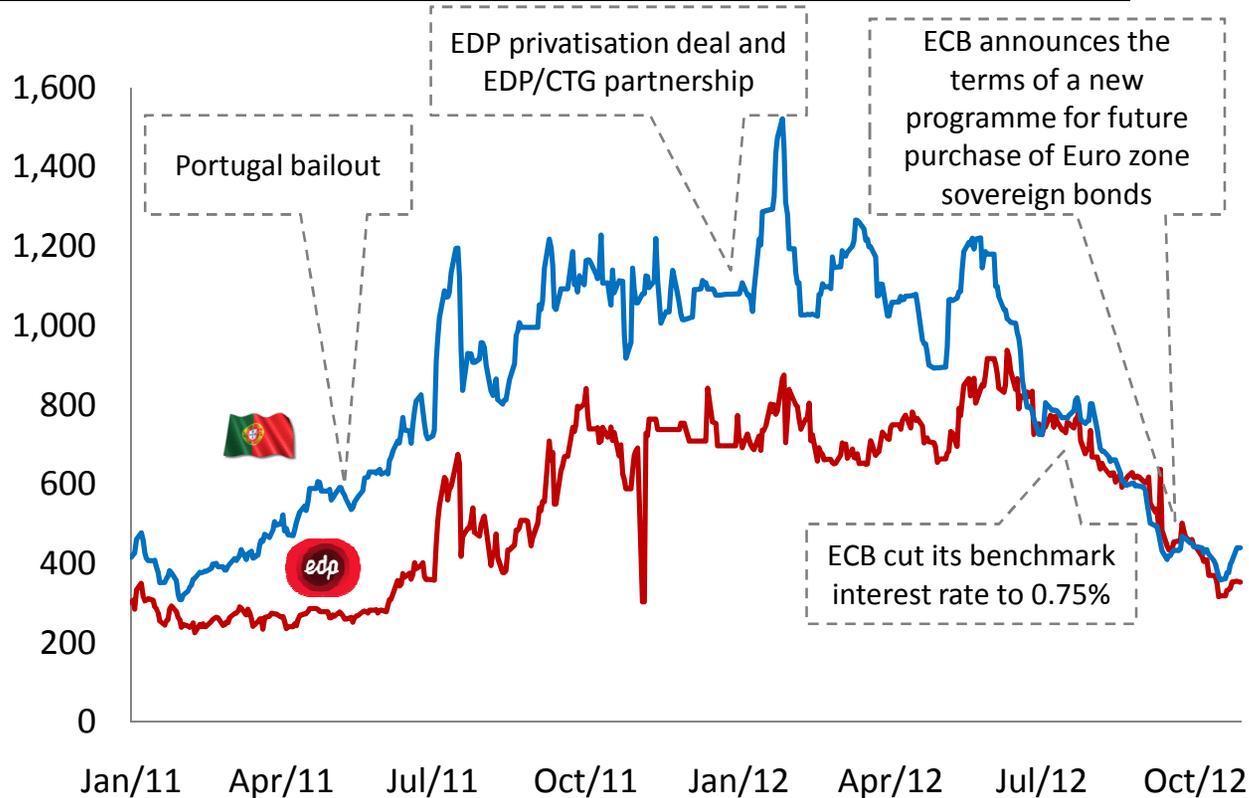
(1) EBITDA - Income taxes - Maintenance capex - interest paid + chg. In WC + Forex

(2) expansion capex, net financial investments and change in working capital from equipment suppliers

# Strong improvement in credit market conditions in 3Q12



## 5-Year Credit Default Swaps: Portuguese Government and EDP (bps)



### Major credit deals of EDP in Jul/Oct-12:

- **Jul-12:** €1bn loan from China Development Bank (CDB), 5 year-tenor, interest of Euribor 6M + 480 bps.
- **Sep-12:** €750m Eurobond issue, 5 year maturity and 5.875% yield (demand was 10x the size of the deal).
- **Oct-12:** €800m multicurrency loan from Bank of China, 3 year-tenor and interest of Libor 3M + 350 bps.

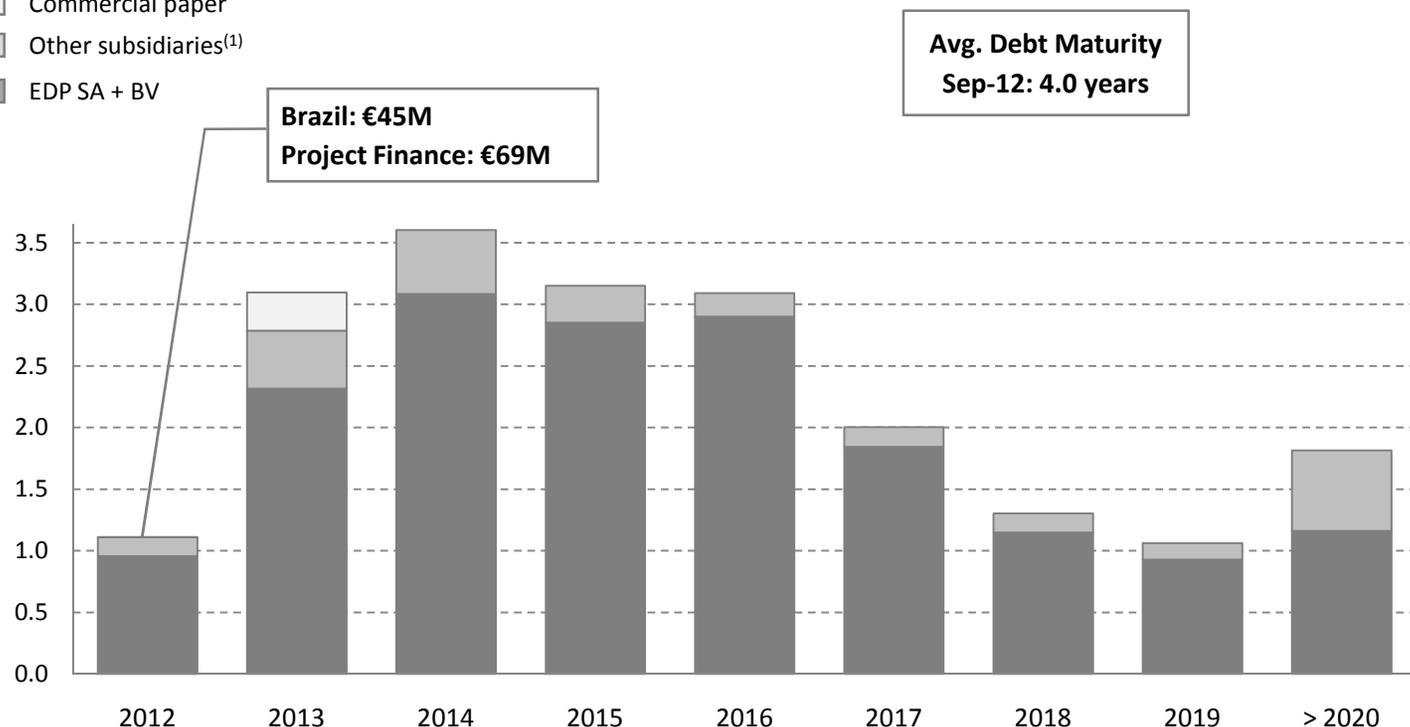
**First step in the execution of partnership with CTG (€1bn loan from CDB) + improved credit market conditions:  
Access to new funding at competitive costs supports significant increase of financial liquidity position**

# Net Debt Profile

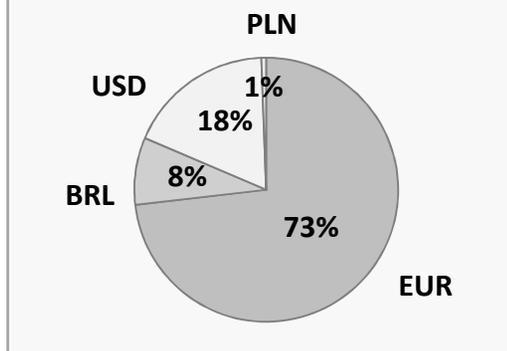


## EDP consolidated debt maturity profile (€ billion)

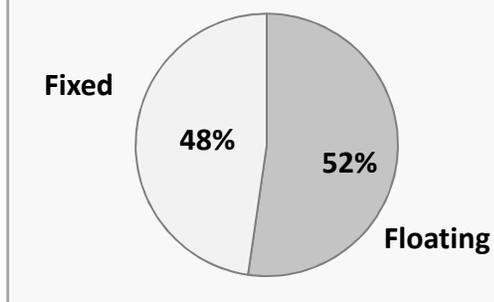
- Commercial paper
- Other subsidiaries<sup>(1)</sup>
- EDP SA + BV



## Debt by Currency (%)



## Debt by Interest Rate Term (%)



**Does not include €0.8bn BoC loan agreed in Oct-12; Maturities 4Q12: USD1bn bond issue (paid in Nov. 2<sup>nd</sup>)**  
**Floating rates 52% weight provide hedging on inflation: positive impact from recent decline in Euribor rates**

(1) Includes essentially EDP Brasil and project finance at EDPR level.

# Financial Liquidity position



<b>(€ million)</b>					
<b>Sources of liquidity (Sep-12)</b>					
<b>Instrument</b>	<b>Maximum Amount</b>	<b>Number of counterparties</b>	<b>Utilised</b>	<b>Available</b>	<b>Maturity</b>
Revolving Credit Facility	2,000	21	900	1,100	03-11-2015
Domestic Credit Lines	183	8	0	183	Renewable
Underwritten CP Programmes	650	3	0	650	Renewable
<b>Total Credit Lines</b>	<b>2,833</b>		<b>900</b>	<b>1,933</b>	
<b>Cash and Equivalents:</b>				<b>2,218</b>	
<b>Total Liquidity Available</b>				<b>4,151</b>	

**Financial liquidity of €4.2bn by Sep-12 + €0.8bn 3-year loan obtained in Oct-12**

# Main sources and uses of funds



Sources of funds	
▪ Cash & Equivalents (Sep-12):	€2.2bn
▪ Available Credit Lines (Sep-12):	€1.9bn
▪ Bank of China 3-Year loan (Oct-12):	€0.8bn
<b>TOTAL</b>	<b>€5.0bn</b>

Use of funds	
▪ Refinancing needs in 4Q12:	
Bond maturing in Nov-12:	€0.8bn
Loans maturing in 4Q12:	€0.2bn
▪ Refinancing needs in 2013:	
RCF maturing in Apr-13:	€0.9bn
RCF maturing in Nov-13:	€1.1bn
Other maturities in 2013:	€0.3bn
<b>TOTAL</b>	<b>€3.3bn</b>

- €440m disposals (Enagas/Borealis) cash-in expected by 1Q13; €2bn CTG investment in wind minorities till 2015
- Additional €1bn funding commitment by China Development Bank (2013/14)

# Net Profit breakdown



(€ million)	9M11	9M12	Δ %	
<b>EBITDA</b>	<b>2,775</b>	<b>2,742</b>	<b>-1%</b>	Combined impact from increase of wind farms' accounting useful life (from 20 to 25 years) and new capacity in operation (wind and hydro)
Net Depreciations and Provisions	1,055	1,064	+1%	
<b>EBIT</b>	<b>1,720</b>	<b>1,679</b>	<b>-2%</b>	Cost of debt: 4.0% in 9M12 flat YoY; Impairment on financial stake in BCP (€49m in 9M11 vs. €6M in 9M12)
Financial Results & Associated Companies	(529)	(498)	-6%	
Capital Gains/(Losses)	10	3	-72%	Sale of EDP Renováveis' stake in SEASA in 9M11
Income Taxes	242	273	+13%	Decrease in EDP Brasil's net profit outstood higher net profit in EDP Renováveis and the reduction of EDP stake in EDP Brasil in Jul-11
Non-controlling interests	136	116	-15%	
<b>Net Profit</b>	<b>824</b>	<b>795</b>	<b>-4%</b>	



# Business Areas

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# Iberian Electricity & Gas Markets

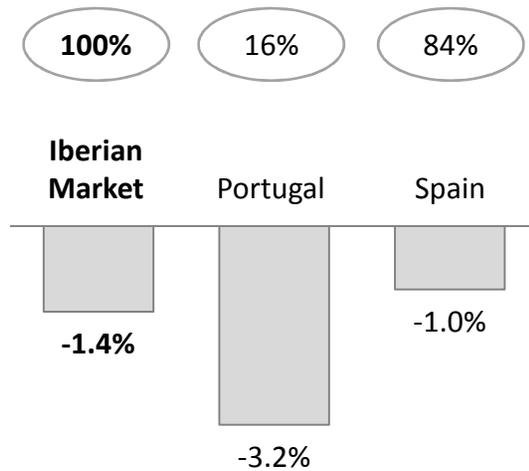


## Iberian Market

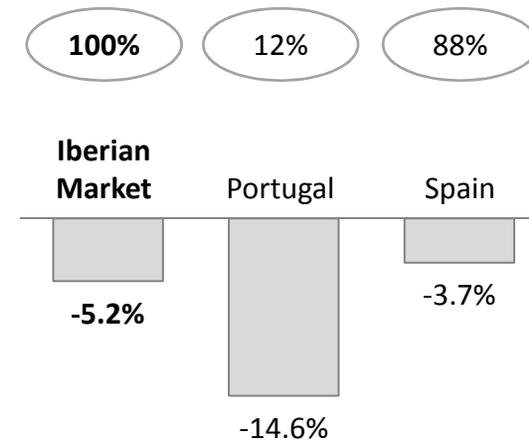
% Weight in Iberia in 9M12



### Electricity Demand



### Gas Demand



- **Electricity Iberia:** In Portugal significant decline in residential/SMEs (on VAT tax increase), flat in industrial segment
- **Gas in Iberia:** Lower demand from electricity generation partially offset by growth in the conventional demand

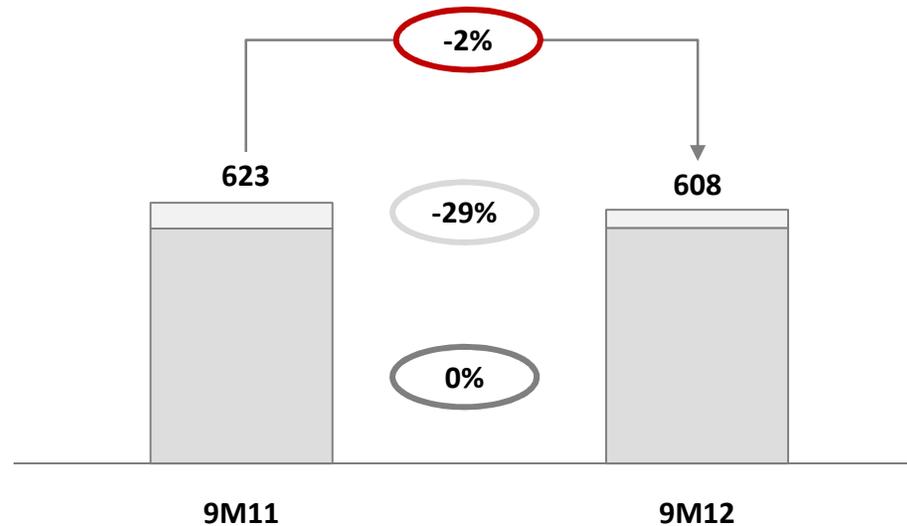
# Long Term Contracted Generation Iberia (22% of EBITDA)



## EBITDA LT Contracted Generation (€ million)

■ PPA/CMEC

□ Special regime



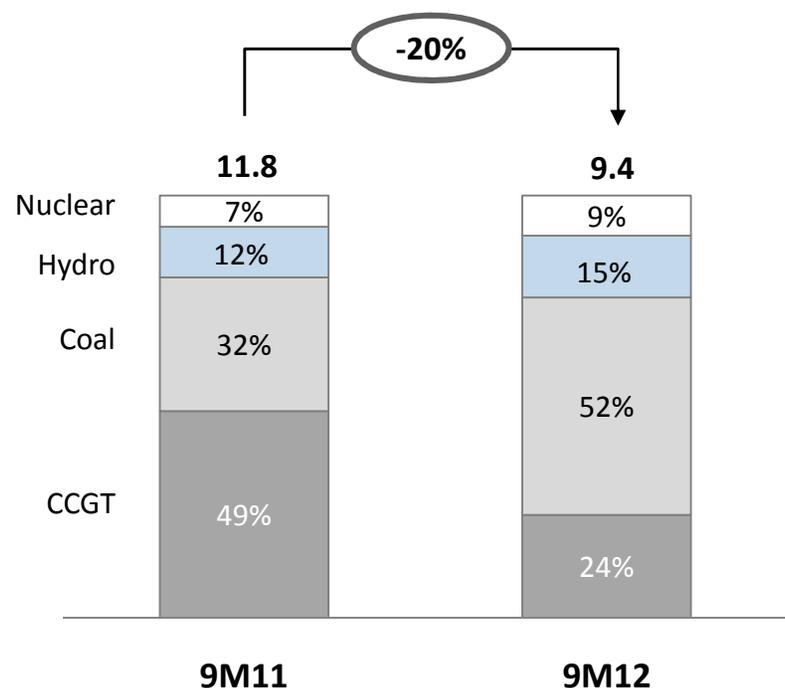
- **PPA/CMEC:** Flat EBITDA as positive impact from higher inflation, high availability rates and commissioning of DeNOx facilities was fully offset by negative impact from ongoing depreciation of asset base
- **Special regime:** Lower mini-hydro output (-57% YoY)

**PPA/CMECs with stable 8.5% Return on Asset pre-tax real, no risk on volumes and prices/margins**

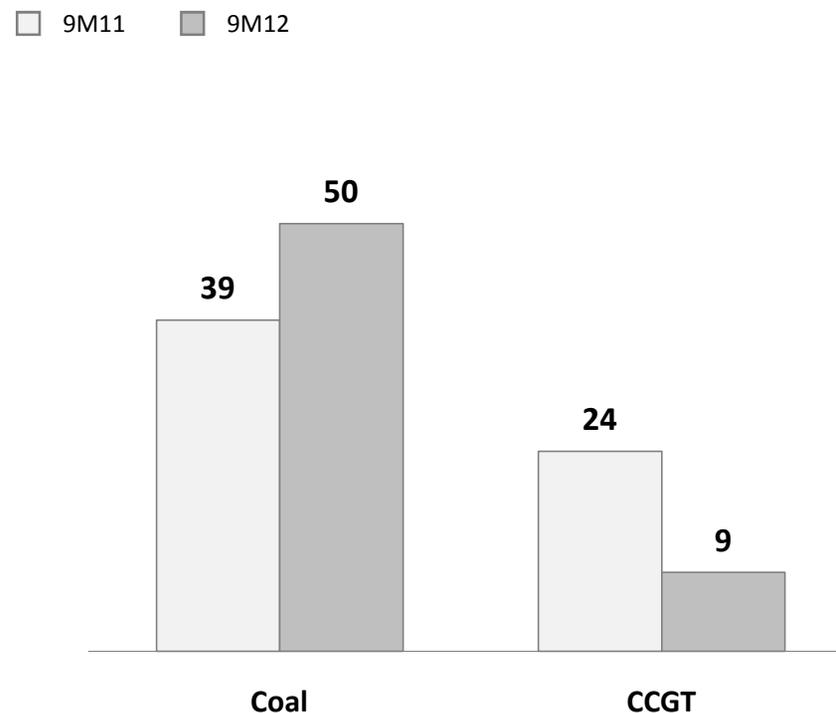
# Liberalised Energy Activities Iberia (10% EBITDA)



EDP Liberalised Power Plants Iberia – Production  
(TWh)



Coal vs. CCGT – Load factors in 9M11 and 9M12  
(%)



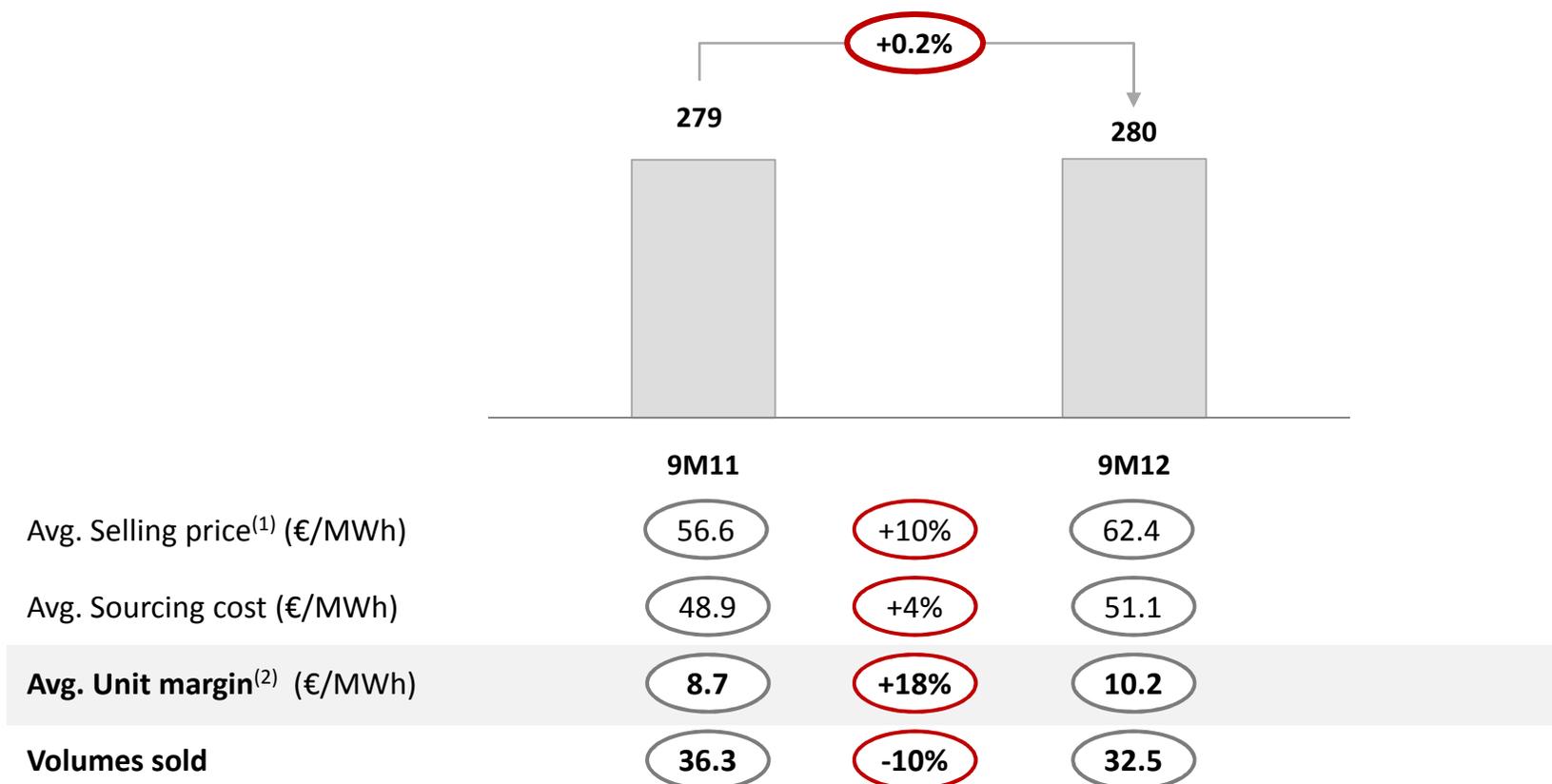
**Production 20% lower due to very low utilisation of CCGT**

**Increase in coal production driven by more competitive cost and new law on Spanish domestic coal**

# Liberalised Energy Activities Iberia (10% EBITDA)



EBITDA Liberalised Activities in Iberian Market  
(€ million)



**EBITDA: 18% rise in achieved unit margin compensates 10% decline in volume**  
**No capacity payment revenues in Portugal since 1-Jun-12 (-€15m YoY)**

(1) Including sales to clients and in the wholesale market.

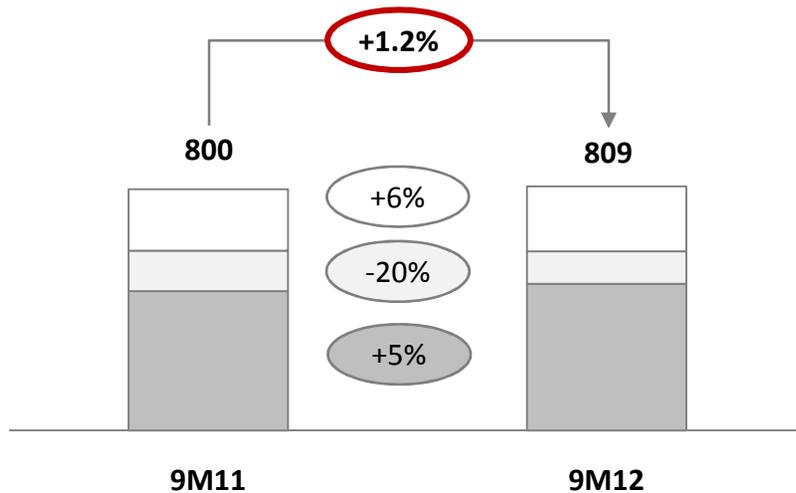
(2) Average unit margin including results from hedging on electricity.

# Regulated Energy Networks Iberia (28% of EBITDA)



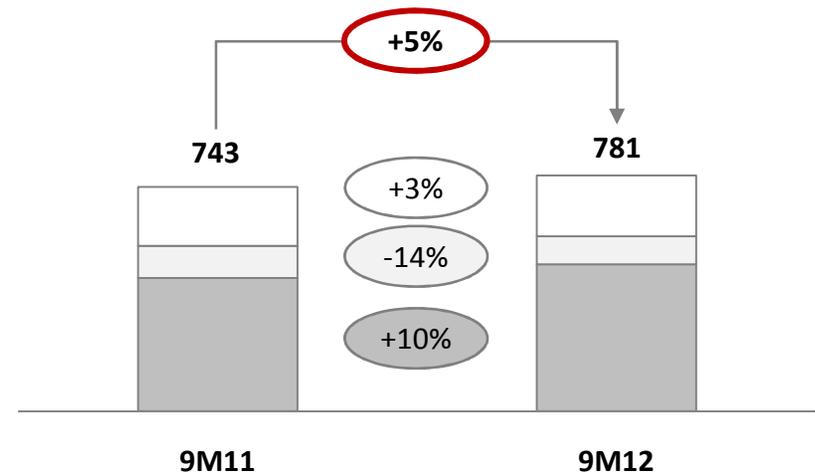
## EBITDA (€ million)

- Gas Iberia
- Electricity Spain
- Electricity Portugal



## Adjusted EBITDA <sup>(1)</sup> (€ million)

- Gas Iberia
- Electricity Spain
- Electricity Portugal



- **Electricity Portugal:** Adjusted EBITDA +10%; RoRAB increased from 8.56% in 9M11 to 10.05% in 9M12
- **Electricity Spain:** +€27m one-off in 1Q11 on sale to REE; +€15m one-off in 3Q12 from IFRIC18; Recurrent EBITDA -14% on new regulation (-7% regulated revenues)
- **Gas Iberia:** Adjusted EBITDA +3% YoY

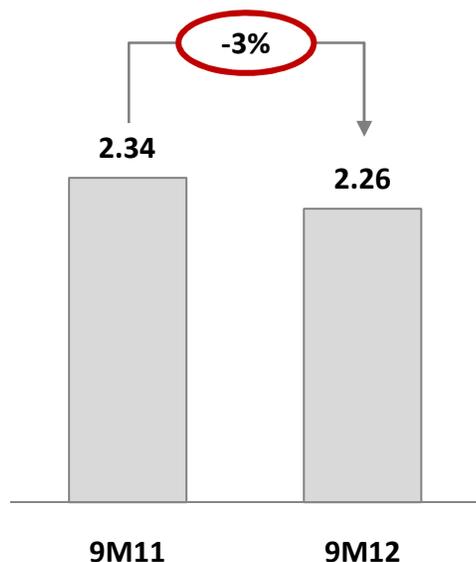
**Adjusted EBITDA +5% YoY supported by increase of RoRAB in electricity in Portugal**

(1) Excludes: i) 1Q11 gain related to the sale of electricity transmission assets to REE of €27m, ii) 1H11 intra-group real estate capital gain of €21m which has no impact on consolidated EBITDA, iii) €15m from the application of IFRIC18 regarding the start-up of substation in Gijón in 3Q12, iv) €13,1m related with the economic and financial balance of gas Portugal concession agreement and v) 1H11 tariff deviations from previous years (€8.5m) accounted in gas Portugal

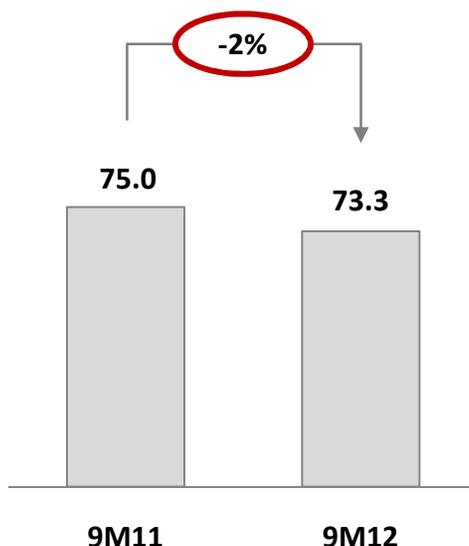
# Regulated Energy Networks Iberia: Higher efficiency with improvement on quality of service



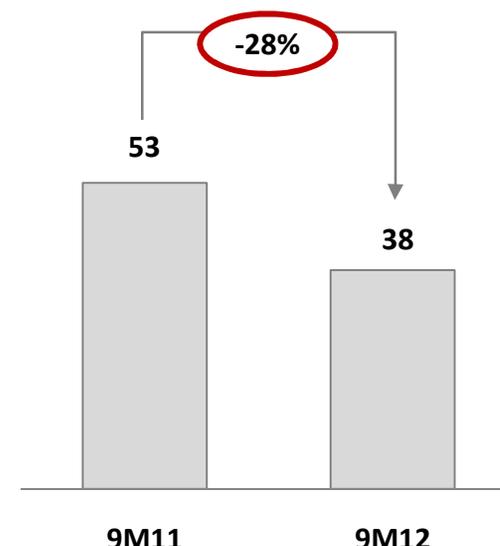
Opex<sup>(1)</sup>/Network Km  
(€th)



Opex<sup>(1)</sup>/Connected customers  
(€)



Equivalent Interruption Time<sup>(2)</sup>  
(minutes)



## Improvement of Key efficiency Ratios in networks' operation

Higher quality of service (EIT in Electricity Distribution in Portugal 28% down to 38 minutes in 9M12)

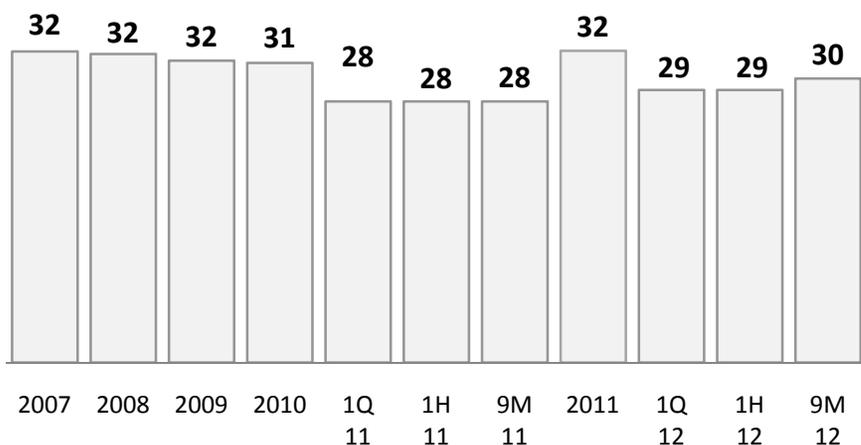
(1) Supplies and services + personnel costs + costs with social benefits (annualised)

(2) Equivalent Interruption Time in Portugal adjusted for non-recurring impacts (rainstorms, high winds and summer fires)

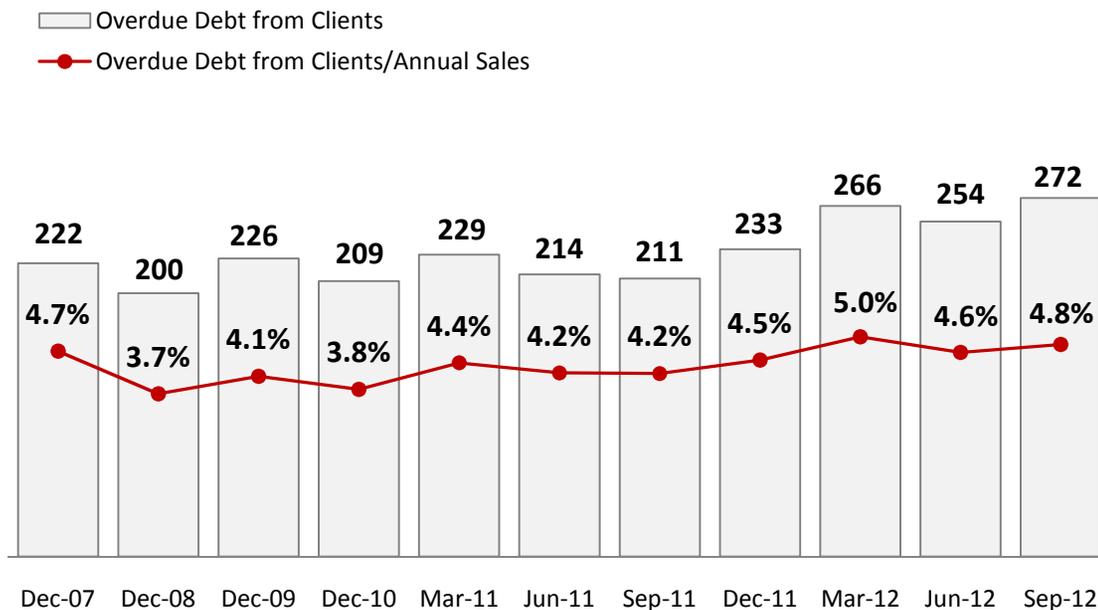
# Portugal: Control over clients bad debts



**Average collecting period  
(Days)**



**Overdue debt from clients <sup>(1)</sup>  
(€ million; %)**



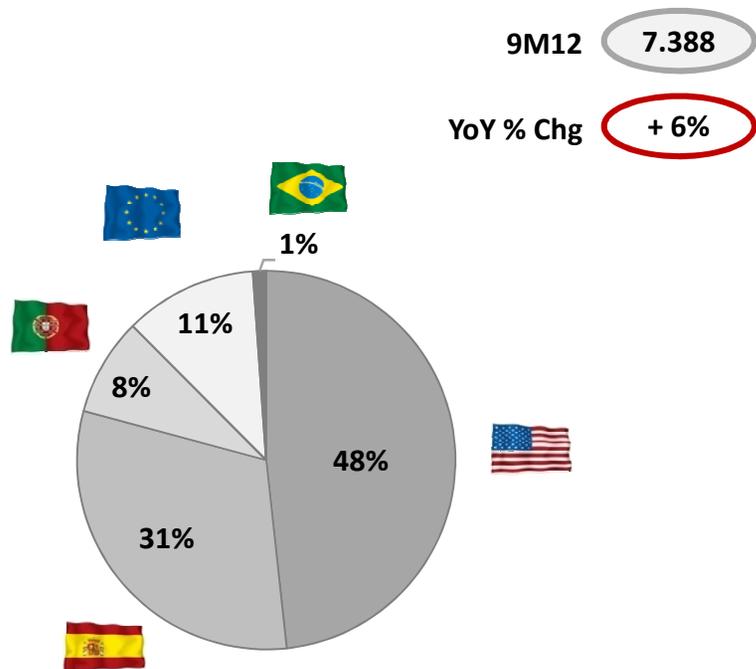
**Stable level of both average collecting periods and bad debts, even considering difficult macro environment**

(1) Includes electricity and gas sales in Portugal in the regulated and liberalised market; Excludes grid operator (EDP Distribuição) debt from clients (essentially other liberalised suppliers and municipalities current account)

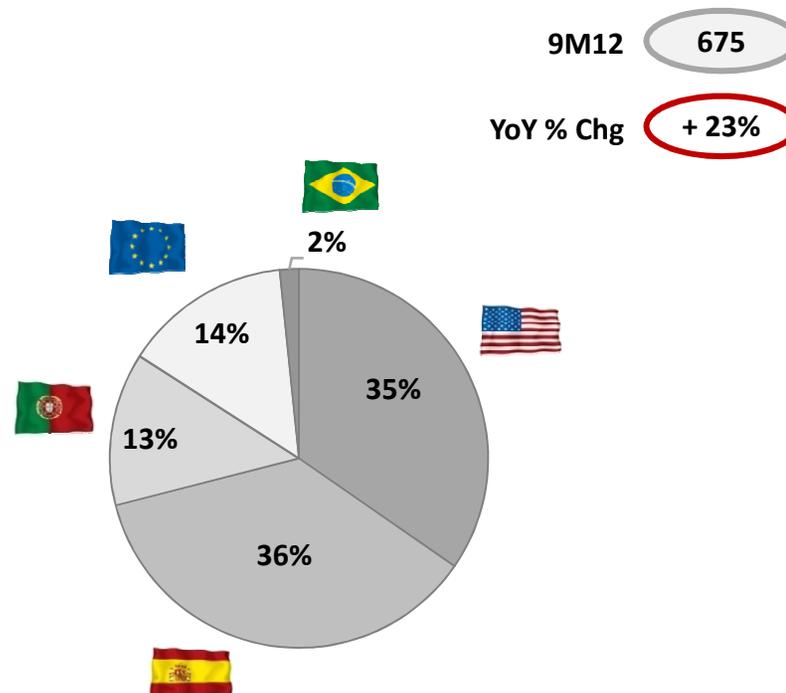
# EDP Renováveis (25% of EBITDA): Strong growth driven by new installed capacity



**Installed Capacity**  
(MW)



**EBITDA**  
(€ million)



**Installed Capacity +429MW: 75% of additions outside Iberia (+244MW in US and + 79MW Rest of Europe)**  
**EBITDA +€126m: driven by US (+€47m, of which +€22m from forex), Rest of Europe (+€41m) and Spain (+€34m)**

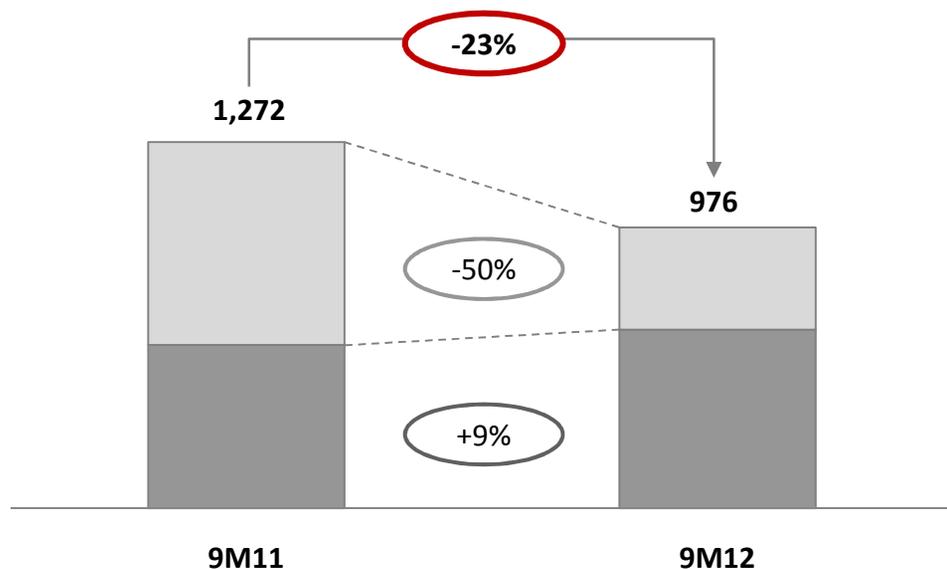
# EDP Brasil (14% of EBITDA)

## EBITDA -23% YoY in local currency, non-recurrent events in 9M12



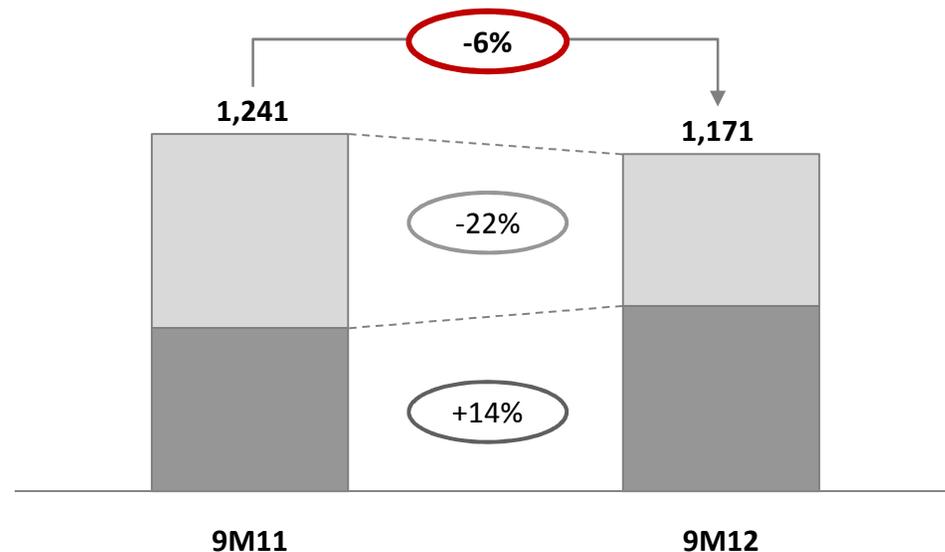
EDP Brasil EBITDA  
(BRL million)

■ Generation & Other   ■ Distribution



EDP Brasil Adjusted EBITDA <sup>(1)</sup>  
(BRL million)

■ Generation & Other   ■ Distribution



- **EBITDA in Euros terms: -28% YoY** (BRL 7% depreciation versus EUR implied €28m negative impact)
- **Distribution:** Non recurrent negative tariff deviations on higher electricity acquisition costs (to be passed through to customers mostly in 2013); recurrent negative from cut on Bandeirante RoRAB from 10% to 7.5% since Oct-11.
- **Generation:** Recurrent positive impact of PPA prices inflation update, negative non recurrent from Pécem's delay

**Adjusted EBITDA fell 6% in local currency (-12% in Euro terms): Cut on Bandeirante's RoRAB in regulatory review**

(1) Adjusted by: (i) impact from tariff deviation and retroactive impact included in Bandeirante's Oct-12 tariff reviews and readjustment (-R\$172m in 9M12 vs -R\$6m in 9M11); (ii) ANEEL's directive in which amounts collected from industrial clients for surpassing the power demand must be account as investment subsidies in 9M12 (R\$38m in 9M12 and R\$37m in 9M11) and (iii) negative contribution from Pécem (-R\$23m in 3Q12)



# Outlook

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# Regulatory receivables in Portugal



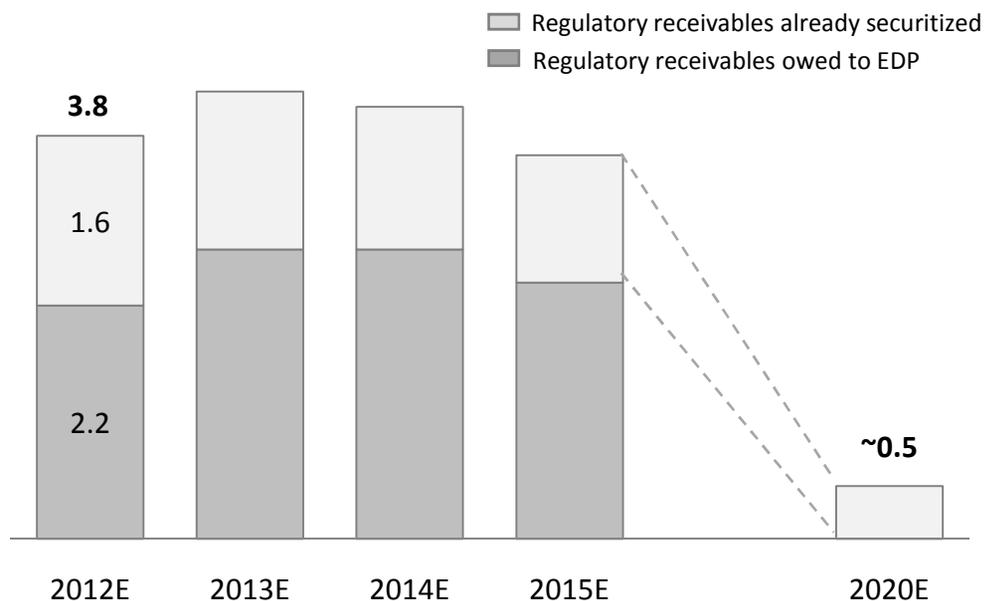
## ERSE's Proposal for 2013 tariffs:

- **Avg. tariff increase +2.8%** (1.0% inflation, +1.8% real)
- **Liberalization incentive:** All last resort consumers<sup>(1)</sup> to pay premium transitory tariffs (premium is quarterly updated)
- **Reduction of 2013 system costs by ~€350m** as a result of the measures announced by the government in 2012
- **EDP's regulatory receivables in 2013: ~+€500m** (considering no securitizations)

## Tariff deficit tranches available for securitization by EDP:

- **€141m** to be collected in 2013, paying 4% interest
- **€979m**, collection in 2013-16, 6.3% interest
- **€1,275m** new deficit in 2013; to be collected in 2014-17

## Regulatory receivables of the Portuguese electricity system (€bn)



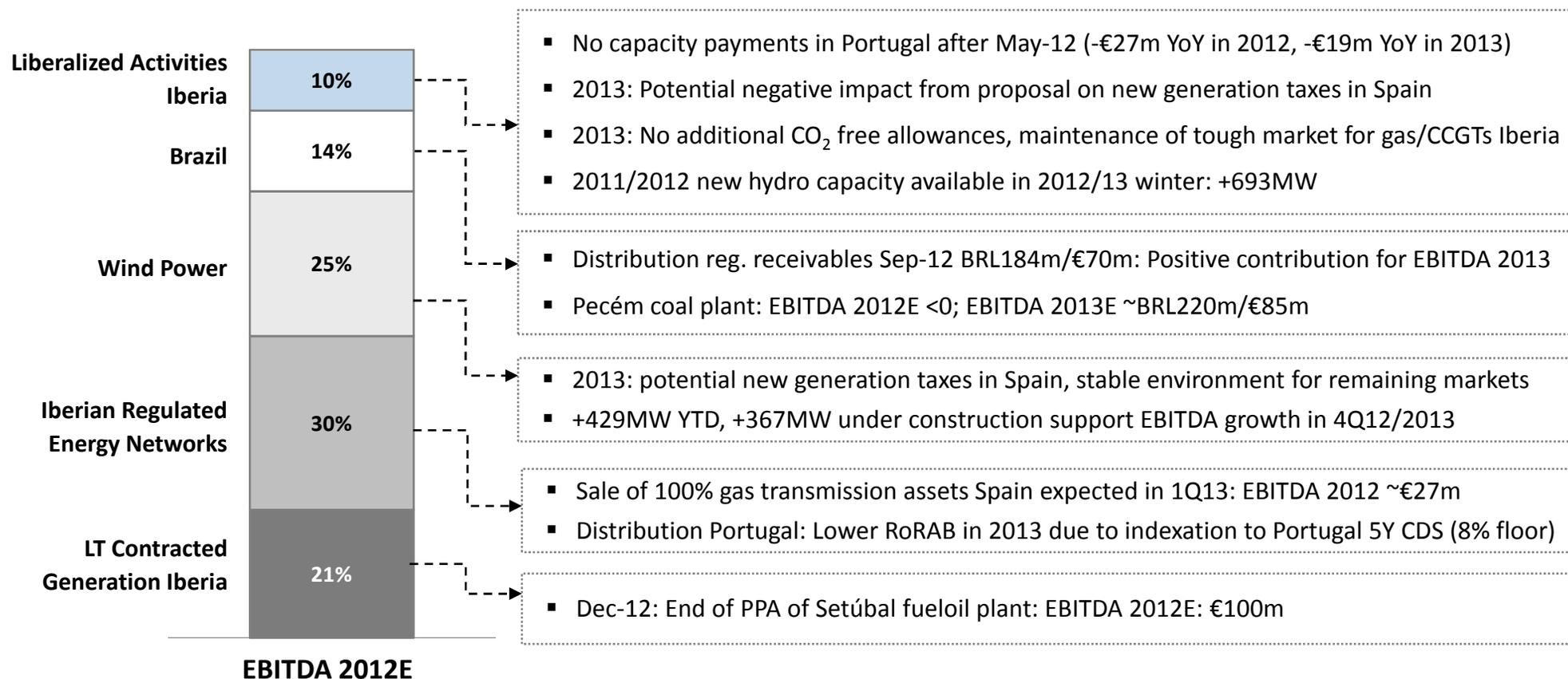
## Key Assumptions for 2012-2020E period:

- **Brent:** \$112/bbl in 2013; +2.1% CAGR to \$135/bbl in 2020
- **Electricity Consumption Portugal:** CAGR of +1.0%, considering -3.5% in 2012 and -0.9% in 2013
- **Tariffs CAGR:** +1.5%-2.0% real, +3.5%-4.0% nominal

**2013 tariff proposal respects the medium term financial sustainability of the electricity system**

(1) Excluding consumers under social tariff

# EBITDA Outlook



## EBITDA flat YoY in 2012 and 2013

Already including one-off events in Brazil in 2012 and proposal on new generation taxes in Spain for 2013

## EBITDA 2014 clearly above EBITDA 2011

2014: 3 hydro plants transferred from CMEC (€25/MWh) to market price + new hydro/wind capacity + ENEOP

# A resilient business model in a challenging environment



## Sound Operating Performance

- EBITDA: -1.2% (including negative one-offs in Brazil)
- Cost of debt: flat at 4.0% (better than expected on lower Euribor rates and refinancing costs)
- Net Profit/EPS: -3.5%

## Selective Growth

- Capex: -11% YoY in 9M12 on lower expansion capex in wind
- +0.8GW new installed capacity: +0.4GW hydro, +0.4GW wind
- Further 2.8GW capacity under construction in Brazil, Hydro in Portugal, Wind Power

## Low Risk

- Increasing market diversification (Brazil, USA, Poland, Romania)
- Adj. financial liquidity Sep-12: €5bn: coverage of funding needs until mid-14
- Disposals: €440m agreed, expected cash-in 1Q13; first wind deal with CTG expected in 4Q12

**Execution of 2012-2015 business plan presented in May 2012**

**Based on high quality asset mix, sustainable returns, diversified markets and risk management**



## Visit EDP Website

Site: [www.edp.pt](http://www.edp.pt)

Link Results & Presentations:

<http://www.edp.pt/EDPI/Internet/EN/Group/Investors/Publications/default.htm>

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## Next Events

November 13<sup>th</sup>-14<sup>th</sup>: London UBS European Conference

November 15<sup>th</sup>: Roadshow London (BPI)

Nov. 13<sup>th</sup>-15<sup>th</sup>: EEI Phoenix (Citi)/US West Coast (M. Stanley)

November 21<sup>st</sup>-22<sup>nd</sup>: Frankfurt (Goldman)-Netherlands (Citi)