## **ABENGOA**

nnovative Solutions for Sustainability

## **Credit Update**





With biomass ... we produce ecological biofuels and animal feed



With information technologies ... we manage business and operational processes in a secure and efficient way



With the development of social and cultural policies ... we contribute to economic progress, social equity and the conservation of the environment in communities where Abengoa is present

With the sun ... we produce thermoelectric and photovoltaic electric energy



With waste ... we produce new materials through recycling, and we treat and desalinate water



With engineering ... we build and operate conventional and renewable energy power plant power transmission systems ar industrial infrastructures





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- **1** Overview of Abengoa
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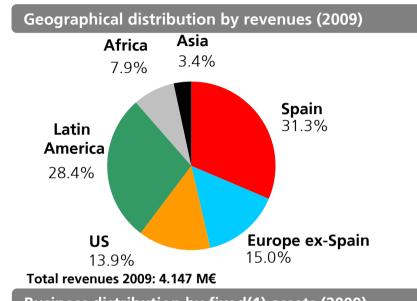
#### **Business description**

- Leading global technology company in energy
  - Large operator of power transmission, water concessions, renewable energy and recycling assets
  - Develops proprietary technology in solar power, biofuels and water
  - Provides 'turnkey' engineering projects and IT services to the energy and environment sectors
- Founded in 1941, Abengoa has been active internationally for more than 40 years, and is present in over 70 countries, with over 22,000 employees

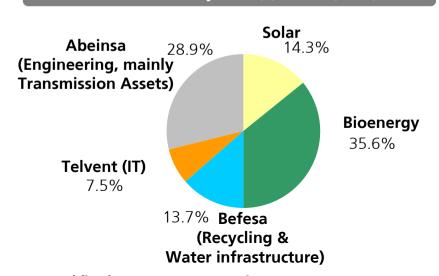
#### Strong share and financial performance

- Market cap: 1,865 M€ (member of lbex-35) as of 16 March '10
- Share price evolution since IPO: +1,051%
- Shareholders:
  - 56 % Founders
  - 5 % Management
  - 39% Free Float

		Dec-09 (M€)
Total assets		12,369
Book equity	•	1,171
Revenues	•	4,147
EBITDA		750



#### Business distribution by fixed(1) assets (2009)





### From global trends...

- Increased Energy Demand
  - Demand expected to increase between 40% and 150% by 2050<sup>(1)</sup>
  - Oil scarcity (prices up)
- Population steady growth
- Water scarcity in quantity and quality
- Global warming and climate change
- Environmental consciousness

## ... to concrete business opportunitie

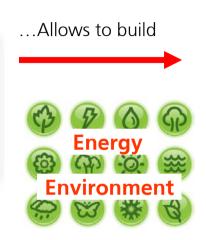
- Solar power global installed capacity will be growing at 13% per year from 2010 to 2050 reaching 3,700 Mw (Greenpeace, "EREC Energy Revolution")
- Biofuels forecast to grow at 7% per year until 2030 (Source: World Energy Outlook)
- More restricted environmental regulation
- Desalination market growing at 7% per year up to 2015
   (Source: DB Wangnick & GWI Mercados Desalación 2005-2015)
- \$880bn electric Transmission and Distribution investment spent in the US between now and 2030 (Source: the Brattle Group)
- Smart Grid Technologies Market will grow by 21% annually from \$6bn in 2009 to \$17bn in 2014
   (Source: SBI Research)

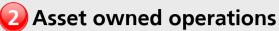


## Unique Business Model and Successfully Proven strategy

## Unique Engineering capabilities

Scale through constructing government owned assets and third parties





- Solar CSP (1)
- Power Transmission lines
- Desalination
- Biofuels

Largely regulated and / or contracted revenues





..generates knowhow from the ground up

## Technology Development

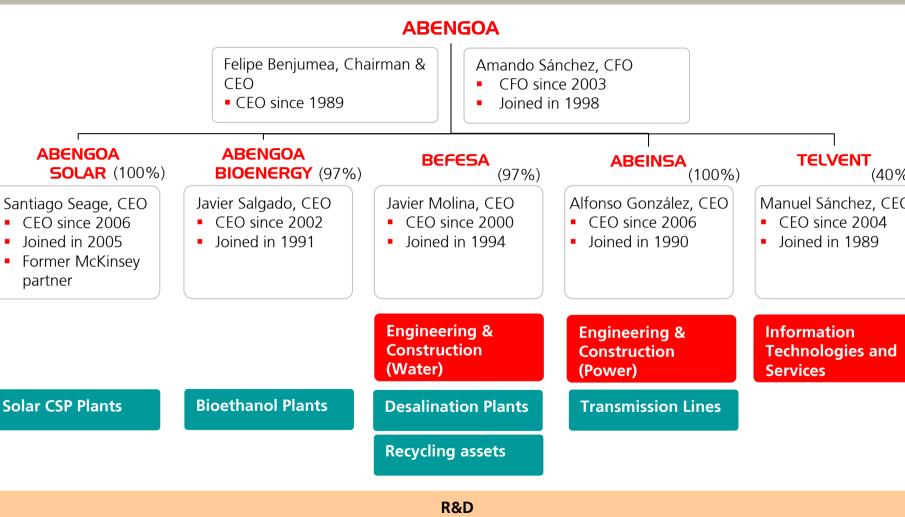
Driver of growth and competitive advantage



**Global Reach** 

## **ABENGOA**

## Corporate Structure - Committed and **Experienced Management Tear**



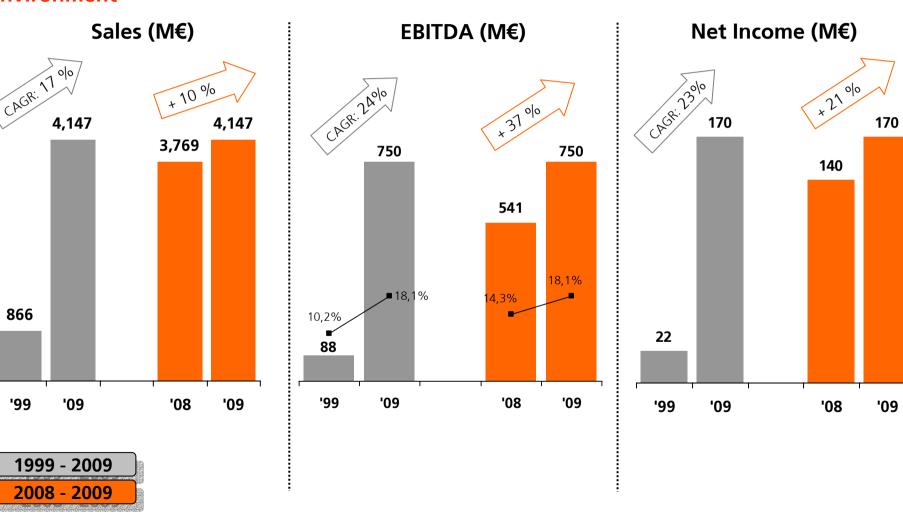




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ustained historical two-digits growth with increased margins, even in a very tough nvironment





Positive sales performance in 2009 vs 2008

~30.6 bn€

Order backlog in concession activities (average life of 24 years) (1)

~7.6 bn€

Order backlog from contracting activities (32 months of sales) (1)

< 30%

Revenue diversification contribution of top 20 clients



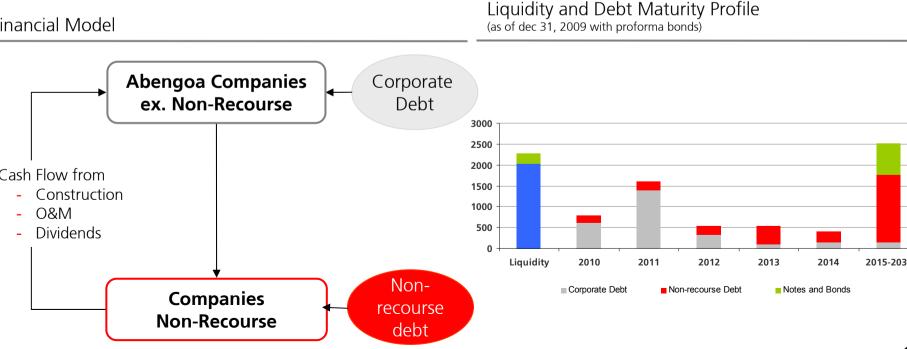
## Successful track-record in the banking and debt market

- Excellent track record in capital markets
  - 200 M€ 6.875% 2014 Convertible Bond issued in June 2009
  - 300 M€ 9.625% 2015 Euro Bond issued in November 2009
  - 250 M€ 4.5% 2017 Convertible Bond issued in January 2010
- Excellent reputation in the International banking market:
  - More than 6 bn€ debt raised in the last 10 years
  - More than 50 stable relationships with international banks including the majority of tier-1 institutions
- Recognized track-record as Project Sponsor
  - Non-recourse and Project Finance facilities
- Solid relationship with public banks / institutions
  - Europe: ICO and EIB both lenders to Abengoa at corporate and project level
  - Latin America: BNDES, IADB, Banobras lenders at project level
  - Local public banks in Algeria, India and China



#### alance of non-recourse Project Financing and Corporate Debt keeps financial discipline

- Non-recourse financing (NR) on a project by project basis: used to fund significant investments. Capex commitments are subject to availability of long-term funding.
- Corporate Debt (ex NR): to finance the company's investments, acquisitions and general purpose requirements. Corporate debt is guaranteed by operating subsidiaries (assets totalling 3.3 bn€ + 1.8 bn€ in equity book value of non-recourse entities); subject to a Net Corporate debt / Ebitda of less than 3,0 times.



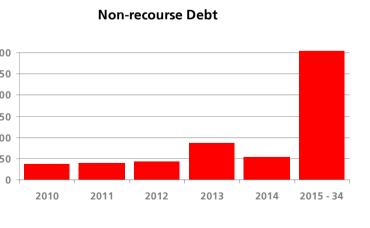
#### **Non-Recourse Debt**

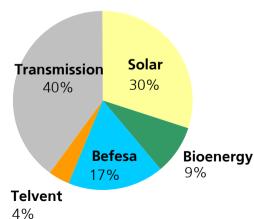
- Matched with cash-flow generation profile of projects and investments:
  - The long-term concession / commercial agreements (15 to 30 years) of project finance are suitable to higher leverage of such projects
  - Repayment instalments follow project cash-flow generation profile
- Minimum risk in expected cash-flows:
  - Most debt related to projects developed under a concession scheme or fixed-tariff take-or-pay agreement

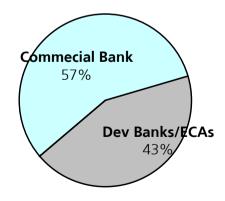
Amortization Calendar (average life > 8 years):

Breakdown of non-recourse debt per Business Unit

Non-recourse Debt Diversification







Total Non-Recourse debt 2009: 2.9 bn€



#### **Financial Model**

Long Term Corporate Debt

#### ong Term Corporate Debt

#### Credit facilities:

- 1,800 M€ in three 600 M€ syndicated facilities (average pricing of E+67.5bps) due in 2011 and 2012: Santander, BNP Paribas, Societe Generale, ING, Citigroup, La Caixa, Caja Madrid as some of the MLA's
  - 150 M€ bilateral loan with ICO (pricing of E+60 bps) due in 2017
- 109 M€ bilateral loan with European Investment Bank due on 2014 to finance R&D&I (pricing of E+60 bps)
- 170 M€ bilateral committed credit facilities 1 to 3 years maturity regularly rolled over
- Ongoing discussions regarding extensions of Bank debt maturing
  - 2 year extension for 2010 and 2011 maturities
  - Proposed pricing revision from E+275 to E+300 bps

#### Convertible Notes:

- 200 M€ 6.875% senior unsecured convertible notes due in 2014 issued by Abengoa SA in July 09
- 250 M€ 4.5% senior unsecured convertible notes due in 2017 issued by Abengoa SA in February 10

#### Bonds:

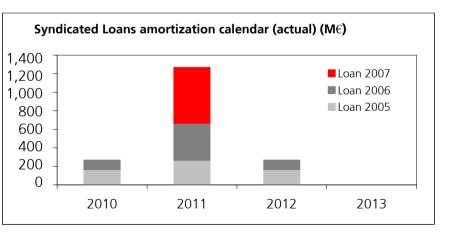
300 M€ 9.625% senior unsecured Euro Bond due in 2015 issued by Abengoa SA in December 09

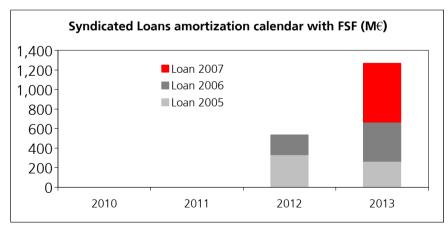


### **Corporate Debt Refinancing Strategy**

#### **Abengoa Forward Start Facility (FSF) 1,533 M€ financing**

- 2 year extension of July 2010 (266 M€) and July 2011 (1,266 M€) maturing Existing Facilities only;
   (2012 maturities will remain)
- Proposed pricing for banks agreeing to the extension: 275 bps until June 2012 and 300 bps thereafter
- Wording and covenant unchanged
- Favorable liquidity analysis expected 95% of bank acceptances.
- Expected signature date: April 6th







#### **Financial Model**

Long Term Corporate Debt

#### **Long Term Corporate Debt**

- Committed to maintain our corporate debt ratio below 3x
- This is the only covenant of our corporate credit facilities, as agreed with our banks since 2002, an also incorporated in the covenant package of the 300 M€ February 2015 bond
- EBITDA at Corporate level expected to remain solid in the near future based on our existing backlog of 7.6 bn€
- 1.6 bn€ of dividends from Non-Recourse Operations expected over the next 10 years

2007	2008	2009	2010
354	529	1,257	
303 (+21% vs 2006)	412 (+36% vs 2007)	685 (+66% vs 2008)	
1.17x	1.29x	1.84x	<b></b>
3.50x	3.25x	3.00x	3.00x
	354 303 (+21% vs 2006) <b>1.17x</b>	354 529  303 (+21% vs 2006) 412 (+36% vs 2007)  1.17x 1.29x	354 529 1,257  303 (+21% vs 2006) 412 (+36% vs 2007) 685 (+66% vs 2008)  1.17x 1.29x 1.84x

<sup>\*</sup>as defined in our Syndicated Facilities, excluding Non Recourse Debt and Ebitda



#### **Financial Model**

Net Debt Analysis & Covenant

Net Corporate Debt/Ebitda ratio well below 3x contractual limit (1)

(€ in Million)	31 Dec.09	Major Adj .Jan10 & Febr10
Net debt (corporate)		
<ul> <li>+ Debt with credit institutions &amp; leasings</li> <li>+ Notes and Convertible bond</li> <li>+ Convertible bond due 2017, issued in Febr 2010</li> <li>- Cash and equivalent</li> <li>Corporate entities cash and equivalent</li> <li>Entities with non-recourse financing</li> </ul>	2780 506 (2028) (1.292) (736)	250 (250) (250)
I. Total net debt (corporate)	1258	0
+ $\Sigma$ Annualized Ebitda Corporate entities + Annualized R&D expense	634 51	
II. Ebitda (corporate)	685	
Net debt / Ebitda (corporate)	1.84	

### Overall leverage lower when debt associated with assets under construction is taken into account

(€ in Million)		Adj. Net debt <sup>2</sup>	Total Proforma
Net Corporate Debt	1258		
Total Non Recourse debt	2933		
Total Net Debt	4191	(2.373)	1.818
EBITDA total	750		
Ebitda adjusted for margin on work done for fixed assets 3	916		916
Net debt/ Ebitda adjusted for margin on work done for fixed as	sets		1,99

<sup>&</sup>lt;sup>1</sup> As defined in the syndicated facilities and 2015 Eurobond

<sup>&</sup>lt;sup>2</sup> Adj. Net Debt: adjust for total net debt drawn in projects under construction

<sup>&</sup>lt;sup>3</sup> Margin on work done for fixed assets: is cash available for debt repayment but is accountingwise eliminated (€165 mn)



- Reinforce Financial Structure:
  - Maintain Corporate Net Debt / Ebitda below 3x
  - Raise new equity at subsidiaries:
    - At Business Unit level: Befesa, Abengoa Solar, Abengoa Bioenergy
    - At Project level: through partnerships
  - Keep strong liquidity position (1,290 M€ as of Dec 31st 09)
  - Extend Corporate Debt maturities:
    - 2-years extension for 2010 (266.7 M€) and 2011 (1.266 M€) maturities at Corporate Syndicated Loans in H1 2010.
  - Regular access to Debt Capital Markets to further diversify funding sources

 Maintain discipline towards new "non-committed" capex: only when long term funding is secured



- Adequate internal control systems in place to:
  - Monitor and evaluate business risk
  - Guarantee the accuracy of financial information
- Policy to hedge interest rates, FX and commodity price risks

 First European entity to undertake Sarbanes Oxley external Audit voluntarily, according US PCAOB standards, following our commitment to transparency despite not fully listed in the US



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### **Key Credit Highlights**

- ✓ Well balanced, diversified and resilient business
- ✓ Activities supported by solid market trends
- ✓ Unique business model that boosts organic growth
- ✓ Experienced and committed management team
- ✓ Strong financial performance
- ✓ Healthy and predictable backlog
- ✓ A long history in the credit markets
- ✓ Solid operating policy and tight audit controls



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Capex from



- Committed Capex Programme: 2,437 M€
  - Non-recourse debt and partners: 1,727 M€
  - Funds from Abengoa Corporate: 710 M€
- 100% of non-recourse debt is committed

in	M€	as	ot	31	D	ec	20	C

		Abengoa		Entry in			Abengoa
	Capacity	(%)	Country	Operation	Financing	Capex total*	corporate*
Solar						180	12
Solnova1	50 MW	100%	Spain	Q4 09	financed European Banks, E	IB	
Solnova 3	50 MW	100%	Spain	Q2 10	financed European Banks, E	IB	
Solnova 4	50 MW	100%	Spain	Q4 10	financed European Banks		
Hassi R'mel	150 MW	51%	Algeria	Q3 10	financed local banks		
Bioenergy						260	180
Indiana&Illinois	670 MI	100%	USA	Q1 10	financed		
Ethanol Rotterdam	480 MI	100%	Holland	Q2 10	financed corporate		
Cogeneration Brazil	140 MW	100%	Brazil	Q1 11	committed BNDES		
Desalination						247	32
Tlenclem	55 000 m3/day	26%	Algeria	Q4 10	financed local banks		
Tenes	200 000 m3/day	51%	Algeria	Q4 11	financed local banks		
Quingdao	100 000 m3/day	92%	China	Q2 12	financed local banks		
Chennai	100 000 m3/day	25%	India	Q309	financed local banks		
Transmission / Cogeneration						1.750	486
				Q1 10			
Ate IV-ATE VII	463 Km	100%	Brasil	(partially in operation)	bridge+committed BNDES		
ATN	670 Km	100%	Perú	Q4 10	committed		
Amazonas	535 km	51%	Brasil	Q4 11	bridge+BNDES		
Rio madeira	2 375 km	51%	Brasil	2012-2013	BNDES		
Premadeira	1 474 km	26%	Brasil	preferred bidder	committed BNDES		
Cogen. Mexico (Pemex)	300 MW	60%	Mexico	Q4 12	committed Banobras		
Total						2.437	710
	ν						





- 10 new CSP projects awarded feed-in tariff in Spain; capex of ~2,500 M€
  - Flexibility to build these projects over the next 3 years
  - Awarded, but not committed. Commitments as financing is secured

M€	Capacity	Abengoa (%)	Location	Status	Total Capex*	o/w Capex from Abengoa Corporate*		
Solar - Spain					~2,500	600 - 800		
Helioenergy 1 and 2	2 x 50 MW	50%	Ecija	Partnership with Eon. In construction. Financing close expected in Q1'10				
Helios 1 and 2	2 x 50 MW	80%	Ciudad Real	Awarded under feed-in tariff regime				
Solacor 1 and 2	2 x 50 MW	100%	El Carpio	Awarded under feed-in tariff regime				
Solaben 1,2,3 and 6	4 x 50 MW	100%	Badajoz	Awarded under feed-in tariff regime				

January 2010 250 M€ Convertible Additional issuance in debt markets

- The company will finance these assets with a mix of:
  - Project Finance Secured Debt (Non-Recourse to Abengoa SA and the rest of the group)
    - Maturities up to 20 years
    - Abengoa has a successful track record in the International Project bank market
    - Project Finance debt capital markets and ECA's as an alternative to commercial banks
  - Selected partnerships with key players, as EON
  - Cash-flow generation / new debt at the corporate level

igures refer in both cases to capex pending of execution



## **Sources & Uses of Capex Programme**

# Funding of the capex programme to be contributed from Abengoa Corporate is covered by existing cash and Corporate Ebitda generation:

by existing cash and Corporate Ebitda generation:	<b>J</b>	•	
by existing cash and corporate Ebitua generation.	Committed	Non-committed	Total
M€			
• Capex horizon 2010-2012 :	2,437	2,500	4,937
• Financed by :			
<ul> <li>Committed Non-recourse debt and partners :</li> </ul>	1,727	1,886	3,613
<ul> <li>Funds from Abengoa at corporate level :</li> </ul>	710	648	1,358
■ Sources & Uses (in M€) 2010-2012 :			
<ul> <li>Cash and equivalents at Corporate (as of Dec 09):</li> </ul>	1,292		1,292
<ul> <li>Corporate Ebitda generation 2010-2012 :</li> </ul>	2,105	375	2,480
<ul> <li>Convertible Bond proceeds:</li> </ul>	250		250
Dividends expected from NR Companies 2010 2012:	270		270

■ Sources & Uses (in M€) 2010-2012 :			
<ul> <li>Cash and equivalents at Corporate (as of Dec 09):</li> </ul>	1,292		1,292
<ul> <li>Corporate Ebitda generation 2010-2012 :</li> </ul>	2,105	375	2,480
<ul> <li>Convertible Bond proceeds:</li> </ul>	250		250
<ul> <li>Dividends expected from NR Companies 2010-2012 :</li> </ul>	270		270
<ul> <li>Expected Payments of Dividends 2010-2012 :</li> </ul>		(54)	(54)
<ul> <li>Expected Corporate net interest payments :</li> </ul>	(475)	(40)	(495)
<ul> <li>Capex to be funded from Corporate:</li> </ul>	(710)	(648)	(1,358)
<ul> <li>Maintenance capex at corporate companies:</li> </ul>	(150)		(150)
<ul> <li>Taxes on corporate income:</li> </ul>	(250)	(44)	(294)



#### Key highlights

- Regulation: predictability in cash flows thanks to feed-in-tariff (Spain)
- Proven technology: Parabolic trough solar power plants have been in existence for almost 50 years (Harper Lake Solar Funding Corp. rated BBB- / Baa2)
- In-house experienced EPC contractor
- In-house manufacturing of key components

#### **Operating Principle**



- Parabolic troughs are used to track the sun and concentrate sunlight on thermally efficient receiver tubes placed in the trough focal line
- In these tubes, a thermal transfer fluid is circulated and pumped through a series of heat exchangers to produce steam
- The steam is converted to electrical energy in a conventional steam turbine generator

#### Regulation

- RDL 6/2009 creates a pre-assigned registry for retribution ("Registro de Preasignación de Retribución")
- Requirements
  - Financing; EPC; Grid access; Key permits
- December 15th: 13 new projects presented by Abengoa are included in the PAR, effectively granting the access to the feed-in-tariff
- Retribution:

\* Cap: 363.906 €/MWh; Floor: 268.757 €/MWh

	First 25 years	Thereafter	
Market	Pool Price + Premium* (268.71 €/MWh)	Pool Price + Premium	
Or			
Fixed Tariff	284.983 <b>€/</b> MWh**	227.984 <b>€/</b> MWh	



#### **llustrative cash-flow profile for a 50 MW CSP plant**

year	-1	-2	1	2	3	4	5	6 - 3
Construction Business								
a FCF from construction, development, equipment, technology fees	20	20						
Corporate & Operational Business								
b FCF from Management Fees and O&M Margins			1	1	1,25	1,3	1,3	2
Financial Investment								
Capital Expenditure	125	125						
c Abengoa equity funding	-44	-44						
Project Cash-Flows								
1 FCF before debt Service			26	26	26	26	26	79
2 Project Finance Net Interest			-11	-11	-11	-11	-11	-10
3 Project Finance debt drawdown/(amortisation)	81	81	-3	-3	-3	-4	-5	-14
2 + 3 Excess cash-flow for Shareholders			12	12	12	11	10	53
c = d Net cash-flow for Abengoa pre-operation	-24	-24						
e Cash-flow for Abengoa post-construction (dividends + b)			9	9	9	9	9	59
f Net Corporate Interest exp. after taxes	-1	-3	-3	-3	-3	-3	-3	-8
- e + f Net cash-flow for Abengoa	-26	-27	6	6	6	6	6	5 <i>°</i>

#### **Assumptions:**

- 250 M€ investment cost
- 65% non-recourse debt @ project level
- 100 GWh net annual production of electricity
- Pool price + Premium = 330 €/Mwh



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#### **Financial Performance**

Income Statement

### **Financial highlights**

M€	2004	2005	2006	2007	2008*	2009	CAGR% (04-09)
Sales	1,746	2,024	2,677	3,214	3,769	4,147	18.9%
EBITDA	180	216	288	384	541	750	33.0%
EBIT	127	163	219	286	363	431	23.4%
Net Interest	60	48	95	152	246	199	42.2%
Net Income	52	66	100	120	140	170	26.7%
EBITDA mg	10.3%	10.7%	10.8%	11.9%	14.4%	18.1%	

<sup>\* 2008</sup> figures show the activity of Telvent as continuing operations



#### **Financial Performance**

Key Balance sheet data

M€	2004	2005	2006	2007	2008*	2009
Fixed assets	668	891	1,263	2,097	2,552	3,355
Fixed assets in non-recourse activities	491	682	1,146	1,638	2,292	3,623
Cash and short-term financial investments (mostly public debt repos and deposits)	563	815	1,510	2,294	2,089	2,028
Total assets	2,491	3,323	5,427	8,110	9,795	12,370
Total Equity	413	526	541	797	627	1,171
Non-recourse financing	365	671	1,254	1,689	2,302	2,933
Corporate Financing	591	697	1,356	2,529	2,562	2,709
Total shareholder's equity and liabilities	2,491	3,323	5,427	8,110	9,795	12,370

\*Note: 2008 figures show Telvent as continuing operations



#### **Financial Performance**

Cash-Flow Statement split by Corporate / Non - Recourse

		2007		2008			2009		
n millions)	Corporate	Non recourse			Non recourse	Total	Corporate	Non recourse	To
oss Cash Flows ragroup eliminations	261	191	<b>452</b> -69	370	257	<b>627</b> -86	634	282	<b>9</b> -1
itda	261	191	384	370	257	541	634	282	7
t CF from Investments	-791	-374	-1.164	-405	-1.308	-1.713	-928	-877	-1.8
t CF from operations after investments	-198	-505	-703	467	-1.419	-952	-563	-439	-1.0
t Cash Flow from Financing o/w funded from corporate o/w funded from non recourse debt	639	<b>734</b> 106 629	1.373	-581	<b>1.234</b> 589 644	652	601	<b>549</b> 212 337	1.1
t Increase/Dec Cash and Equivalents	441	229	670	-114	-185	-299	37	111	1
sh and Equivalents at close of the year			1.698			1.399			1.5
ort term Financial Investments <sup>(*)</sup>			596			691			4

2.294

1.209

880

2.089

1.292

736

1.680

614

Mostly public debt repos and deposits

tal Cash & short term investments



#### **Financial Model**

**Detailed Debt Structure** 

Corporate Net debt: €1,257m

Ebitda: €634m

Consolidated

Net debt: €4,191m Preoperational: €2,373 Ebitda: €750m

Corporate o	lebt at Abengoa level	ABENGOA		rating cash-flow from corporate non project-finance entities)  Op. cash		
Engineering and industrial construction incl. Adj and Corp. activities	Environmental services	Bioenergy	Information technologies	Solar		
Corporate						
Net corp. debt: €(137)m EBITDA: €239m	Net corp. debt: €17m EBITDA: €47m	Net corp. debt: €1,196m EBITDA: €177m	Net corp. debt: €(3)m EBITDA: €127m	Net corp. debt: €57m EBITDA: €43m		
Non-recourse						
Non-rec. debt: €1,168m EBITDA: €124m	Non-rec. debt: €500m EBITDA: €72m	Non-rec. debt: €263m EBITDA: €11m	Non-rec. debt: €118m EBITDA: €46m	Non-rec. debt: €886m EBITDA: €30m		
Intra-Group Elim.						
EBITDA: (€49)m Consolidated		EBITDA: (€65)m		EBITDA: (€51)m		
Net debt: €1,031m Preoperational: €767m EBITDA: €314m	Net debt: €516m Preoperational: €154m EBITDA: €119m	Net debt: €1,458m Preoperational:€648m EBITDA: €123m	Net debt: €115m EBITDA: €173m	Net debt: €943m Preoperational:€804m EBITDA: €22m		



	Engineering, procurement and construction of	For third parties	For own assets	Experience in the past five years	Backlog (M€)
	■ CSP solar plants		✓	■ 31MW built; 300MW under construction	■ 2,345
energy	■ ISCC <sup>(2)</sup> solar plants	✓	✓	■ 150MW + 470 MW under construction	■ 218
Power Renewable energy	■ Biomass plants – Ethanol – Power	✓	✓	<ul> <li>1.35bnl capacity built (six plants), and 1.15bnl under construction (three plants)</li> <li>48MW of power biomass plants built,</li> <li>2 x 70MW plants under construction</li> </ul>	■ 159
Г	<ul><li>Combined cycles and cogeneration plants</li></ul>	✓	✓	<ul> <li>&gt;1,150MW in combined cycles / cogeneration built in the last five years; 300MW cogeneration plant awarded</li> </ul>	■ 497
ı	■ Transmission lines	✓	✓	<ul> <li>13,300km built, or under construction</li> <li>First T&amp;D international contractor<sup>(3)</sup></li> </ul>	■ 1,643
	■ Desalination plants	✓	✓	<ul> <li>460,000 m3/day desalination capacity built (five plants) and 957,000 m3/day capacity under construction (six plants)</li> </ul>	■ 147
	■ IT systems	✓		<ul> <li>More than 2,000 new projects every year</li> <li>Very active in the 'smart grid' development</li> </ul>	■ 1,068
naineerina	g, Procurement and Constructi	on		Other (Engineering	g): 1,578

Engineering, Procurement and Construction Integrated Solar Combined Cycle

Engineering News Records 2008

Total 7,655



Ī				Remarks	Locations	Assets	Concession revenues (M€)*
	Power	Renewable energy	Solar	<ul> <li>First two commercial CSP towers</li> <li>Largest CSP plant in the world under development (280MW, Solana)</li> <li>First hybrid gas-solar plant (ISCC)</li> </ul>	<ul><li>Spain</li><li>US</li><li>Rest of World</li><li>Algeria</li></ul>	<ul> <li>41MW in operation</li> <li>300 MW under constru Spain; additional 350M awarded</li> <li>ISCC 150 MW in Alger</li> </ul>	1W
		Renewab	Bioethanol	■ Presence in the three main markets	■ Europe, US, Brazil	<ul><li>3.05bnl (15 plants)</li><li>320GWh from cogeneration</li></ul>	■ n/a
			Cogeneration plants	■ New concession being built	■ Spain ■ Mexico	<ul><li>156MW in operation</li><li>300MW awarded</li></ul>	1,968
			Transmission lines	<ul><li>Large concession bids for power transmission lines in Latam</li><li>Regulated business</li></ul>	■ Brazil, Chile, Peru	■ 4,040km in operation; 1,130km on construction +4,450km awarded	■ 10,620
			Desalination plants	■ Sixth largest global company	■ Spain, Algeria, India, China	■ 375,000 m3/day in operation and 500,000 m3/day in construction	■ 3,270
			Metal recycling plants	<ul> <li>A European leader in steel dust recycling</li> <li>A European leader in salt slag recycling</li> </ul>	■ Spain, Germany, France, Sweden, UK	<ul><li>645,000 t of steel dust</li><li>230,000 t of salt slags</li></ul>	■ n/a
			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			(	Other: 279

Total 30,666 M€

or the total concession revenue US Solar projects not included

## BENGOA

## Technology development as growth generator in the field of sustainability in Energy and Environment

- 90 M€ invested in R&D in 2008, ca. 2.2% of sales
- >900 people in R&D+i
- >80 R&D projects initiated every year
- Collaborations with reputed research centers such as NREL (US), DLR (Germany) and CIEMAT (Spain)
- Grants received, mainly from US Department of Energy and European Commission

- World pioneer in CSP solar technologies
- World leader in development of 2nd generation (biomass) bioethanol
- Advances in hydrogen, energy efficiency and other incipient renewable energies
- 7th Spanish company by R&D investment, according to the European Commission (1)

(1) 2008 Report



**€** Corporate Ebitda

### Corporate ("ex Non-Recourse") Activities

Brief Description and Ebitda Breakdown

**Description of activities** 

Ebitda at Corporate entities ("Corporate Ebitda") is growing rapidly based on solid drivers and large backlog

Based on current backlog, we expect Corporate Ebitda to total 2.5 bn€ in the next 3 years (2010 – 2012)

2009 vs

2009

	07	08	08 VS 07	2009	2008	·
Abengoa Solar % of total	9 <b>3%</b>	31 <b>8%</b>	249%	43 <b>7%</b>	37%	<ul> <li>Sale of technology, development and design services for solar plants</li> <li>Manufacturing of certain equipment (structures and mirrors)</li> </ul>
Abengoa Bioenergy % of total	71 <b>27</b> %	114 <b>31</b> %	61%	177 <b>28</b> %	55%	<ul> <li>Sale of ethanol produced by nine plants in US, Europe and Brazil</li> <li>Biodiesel plant integrated in Cepsa refinery</li> <li>Rotterdam 480 Ml/yr ethanol plant online from Q2'10</li> <li>LT contracts in Spain for ethanol and biodiesel</li> <li>Ethanol demand driven by approved mandates in US and EU</li> <li>Better pricing environment in the three markets</li> </ul>
<b>Befesa</b> % of total	46 <b>17%</b>	51 <b>14</b> %	13%	47 <b>7</b> %	-8%	<ul> <li>Industrial waste management</li> <li>Construction of water infrastructures and desalination facilities</li> <li>Backlog of 510 M€ (17 months) in water infrastructure (as of Dec'09)</li> </ul>
Abeinsa % of total	75 <b>29</b> %	101 <b>27</b> %	35%	239 <b>38%</b>	138%	<ul> <li>Construction of renewable and conventional power and cogeneration, construction of transmission lines and other industrial and telecom infrastructure</li> <li>Backlog of 6.3 bn€ (32 months) as of Dec 09</li> </ul>
<b>Telvent</b> % of total	61 <b>23</b> %	73 <b>20</b> %	20%	127 <b>20</b> %	74%	<ul> <li>IT systems and solutions for the energy, transport and environment sec</li> <li>IT Consulting for a broad range of sectors</li> <li>Visibility of a base of recurring base of customers.</li> </ul>
Total Corp. Ebitda	261	371	42%	633	71%	
Plus R&D costs	42	42	0%	51	23%	
Total Corp. Ebitda *	303	412	36%	685	66%	
ndicated Facilities defines C	Corp Ebitda	as Ebitda +	R&D Costs			



**Non-Recourse Project** 

Nature of Revenues of Main Project Type

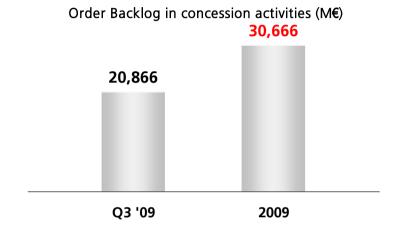
	Total life	Average remaining life of current projects	Characteristics
Transmission Concession Lines in Brazil	30 years	24 years	<ul> <li>Fixed price linked to inflation which is paid based on availability (no demand risk).</li> <li>The "off-taker" of the concessions is formed by a pool of all electricity distribution companies and major consumers, managed by ONS (the Brazilian National Power Grid Operator).</li> <li>All users, independently of the utilization of a specific transmission line, pay the electricity transmission companies. As a result, the payment default from a specific company has very limited impact in the revenues of each transmission company.</li> <li>Around 33% of total non recourse debt is sitting in concessions of transmission lines in Brasil.</li> </ul>
Solar Plants	25 years with the initial tariff, and a different one thereafter	23 years	<ul> <li>Long-term contract with a fixed tariff.</li> <li>The customer are the main utilities (Endesa, Iberdrola in Spain and Sonnatrach in Algeria).</li> <li>Around 28% of non recourse debt is sitting in solar projects.</li> </ul>
Desalination Plants	30 years	30 years	<ul> <li>Fixed price PPA agreement with state owned water/utility company, which is paid based on volume of water desalinated (no demand risk).</li> <li>The counterparty risk is therefore government risk (ie Sonnatrach and L'Algerienne des Eaux in Algeria, Chennai Metropolitan Water Supply in India)</li> </ul>
Cogeneration Plants	25 years	25 years	• Fixed price PPA with Pemex and Eletrobras



### Order book at all-time high



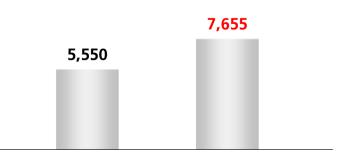
Order backlog in concession activities (average life of 24 years)





Order backlog from contracting activities (26 months of sales)

Order Backlog from contracting activities (M€) (\*)



2009

Q3 '09

() Includes IT and EDC activities in angineering and water infraestructures



## **Corporate Debt**

- Most of corporate debt is incurred by Abengoa SA:
  - represents 80% of total corporate debt
  - benefits from the upstream guarantee of main operating subsidiaries
- Corporate debt is backed by corporate assets of 3,355M€ and corporate EBITDA of 750 M€ December 09
- Additionally, expected dividends from Non Recourse companies for the next ten years represent 1.6bn€, out of which 270 M€ expected in 2010-2012

Facility	Amount (M€)	Spread	Maturity	Borrower	Guarantor	Covenants
ndicated loan 2005	600	60 bp	amortising Jul-12	Abengoa SA	Main op.subs.	Net debt/EBITDA<3x
ndicated loan 2006	600	60 bp	amortising Jul-11	Abengoa SA	Main op.subs.	Same as above
ndicated loan 2007	600	70 bp	amortising Jul-12	Abengoa SA	Main op.subs.	Same as above
B loan	109	60 bp	aug-14	Abengoa SA	Main op.subs.	Same as above
stituto Crédito Oficial (ICO)	150	60 bp	amortising Jul-17	Abengoa SA	Main op.subs.	Same as above
redit lines at Abengoa S.A	163	various	1-2 year (rolling)	Abengoa SA	none	none
ther loans at Corporate Entities	487	various	various	various	various	none
otal corporate bank debt*	2,709					
nsecured convertible notes	200	6.875%	jul-14	Abengoa SA	none	none
urobond	300	9.675%	feb-15	Abengoa SA	Main op.subs.	Net debt/EBITDA<3x
nsecured convertible notes	250	4.5%	feb-17	Abengoa SA	none	none
4						•