Innovative Technology Solutions for Sustainability



# **ABENGOA**

Fiscal Year 2012 Earnings Presentation

#### **Forward-looking Statement**

- This presentation contains forward-looking statements and information relating to Abengoa that are based on the beliefs of its management as well as assumptions made and information currently available to Abengoa.
- Such statements reflect the current views of Abengoa with respect to future events and are subject to risks, uncertainties and assumptions.
- Many factors could cause the actual results, performance or achievements of Abengoa to be materially different from any future results, performance or achievements that may be expressed or implied by such forward-looking statements, including, among others: changes in general economic, political, governmental and business conditions globally and in the countries in which Abengoa does business; changes in interest rates; changes in inflation rates; changes in prices; decreases in government expenditure budgets and reductions in government subsidies; changes to national and international laws and policies that support renewable energy sources; inability to improve competitiveness of our renewable energy services and products; decline in public acceptance of renewable energy sources; legal challenges to regulations, subsidies and incentives that support renewable energy sources and industrial waste recycling; extensive governmental regulation in a number of different jurisdictions, including stringent environmental regulation; our substantial capital expenditure and research and development requirements; management of exposure to credit, interest rate, exchange rate and commodity price risks; the termination or revocation of our operations conducted pursuant to concessions; reliance on third-party contractors and suppliers; acquisitions or investments in joint ventures with third parties; unexpected adjustments and cancellations of our backlog of unfilled orders; inability to obtain new sites and expand existing ones; failure to maintain safe work environments; effects of catastrophes, natural disasters, adverse weather conditions, unexpected geological or other physical conditions, or criminal or terrorist acts at one or more of our plants; insufficient insurance coverage and increases in insurance cost; loss of senior management and key personnel; unauthorized use of our intellectual property and claims of infringement by us of others intellectual property; our substantial indebtedness; our ability to generate cash to service our indebtedness changes in business strategy and various other factors.
- Should one or more of these risks or uncertainties materialize, or should underlying assumptions prove incorrect, actual results may vary materially from those described herein as anticipated, believed, estimated, expected or targeted.
- Abengoa does not intend, and does not assume any obligations, to update these forward-looking statements.

FY 2012 Business Highlights

FY 2012 Financial Highlights

2013 Outlook

Appendix

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Appendix

#### Key figures for the year

#### Revenues

7,783 M€

**10%** (7,089 M€ in 2011)

#### **EBITDA**

1,246 M€

**13%** (1,103 M€ in 2011)

#### **Total Assets**

20,545 M€

**1 9%** (18,793 M€ in 2011)

## **Employees**

26,402

19% (22,261 in 2011)

0,072 € dividend payout to be proposed to AGM\*

## **Business Highlights**

## **ABENGOA**

Strong delivery in the toughest environment in decades

We have seen the worst drought in the US in 60 years, impacting severely margins in our ethanol business

We have suffered uncertainty first, and "expropriation" later, from Spanish Government in our solar business

Despite that, we have been able to...

- 1. Deliver anticipated results.
- 2. Bring into operation 7 new assets
- 3. Add three new geographies to our footprint
- 4. Protect the liquidity of the company
- 5. Increase our technological development plan

US, our first geography in revenues, for the first time in our history

## **Corporate Investment Profile**

#### 2012, another year on the right path



## **Key Highlights**

- 1. 2012: Corp. EBITDA + Asset Rotation

  ≈ Corp. Capex
- 2. 80% investment in concessions vs.20% in Industrial Productionmaintained in 2012
- 3. 2013: Expected Corp. Capex aligned with corporate EBITDA

Reducing risk profile while keeping a keen eye on leverage + creating growth and valuable asset rotation opportunities

## **Segment Results Diversification**

#### Revenues

FY 2002

1,522 M€



FY 2012

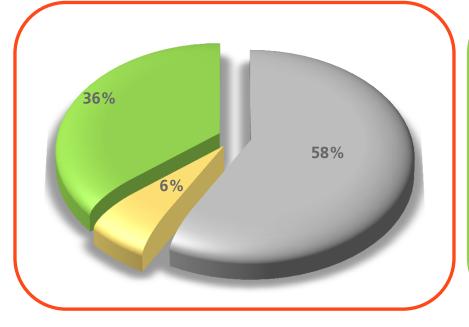
7,783 M€

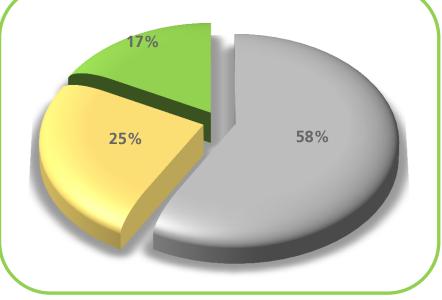
#### **EBITDA**

175 M€

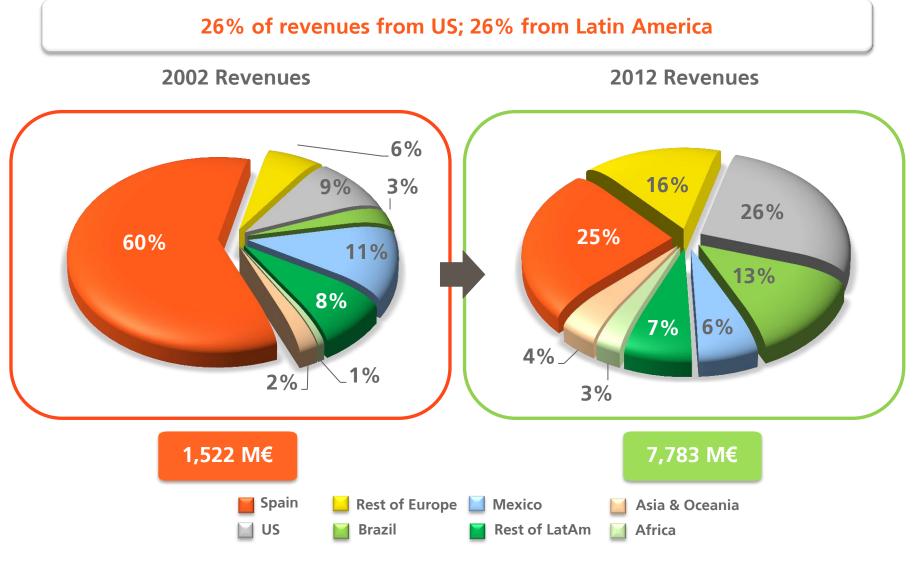


1,246 M€





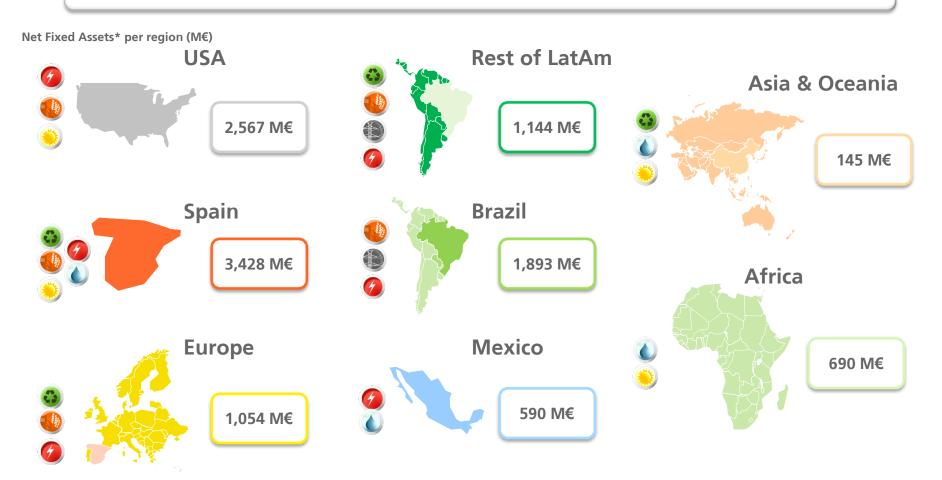
#### **Geographic Diversification**



Over the last ten years, the U.S. has become our first market in terms of revenues

#### **Balanced asset portfolio**

#### Owning and managing more than 11 B€ assets around the globe



A truly diversified assets portfolio provides solid platform to leverage on local presence and global expertise

#### **Excellent performance, visibility on future results**

**4,512** M€ revenues (a 19% increase YoY)

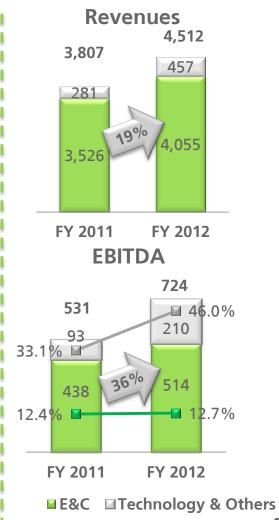
**724** M€ EBITDA (a 36% increase YoY)

3,584 M€ bookings during FY 2012

6,679 B€ backlog at year end, allowing outstanding visibility on E&C sales for year 2013

88.1 B€ pipeline of identified commercial opportunities for next 12 months





## **Concession-type Infrastructures**

#### Start-up of new concessions as scheduled

**473** M€ Revenues (a 11% increase YoY)

**307 M€** EBITDA (a 3% increase YoY)

7 new assets commenced operation during the period, adding 83 M€ of additional EBITDA generation (105 M€ annualized contribution, after sector reform)

2.8 B€ of equity book value in concessions as of Dec 12

**706** M€ equity capex plan through 2015+ (564 M€ of annualized EBITDA contribution expected)

**354** M€ of cash from asset rotation of certain power transmission lines



# EBITDA 299 307 70% 65% FY 2011 FY 2012



# Impact of regulatory changes in renewables in Spain

Despite a strong hit, reform impact is reduced through diversification at consolidated level

#### **Regulatory changes**

- 1) Natural gas related power generation at pool price instead of pool+premium (calculation methodology still pending)
- 2) 7% tax on revenues
- Possibility to sell at pool+premium eliminated. All plants selling using feed in tariff
- 4) Change in CPI adjustment

#### **Action Plan**

- ✓ Cancellation of any new investment in Spain
- ✓ Legal actions against the spanish government, both, independently and coordinated with the rest of the sector
- ✓ Cost reduction plan in operation and maintenance activities
- ✓ Geographical diversification (close to 60% of MWs in operation or construction outside of Spain) in solar and in other businesses

#### **Industrial Production**

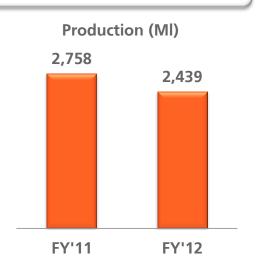
#### **Industrial Production: bittersweet year**

Biofuels:

2,138 M€ of revenues for the period, a 4% decrease Y-o-Y

91 M€ EBITDA achieved in FY 2012, a 40% decrease Y-o-Y due to low crush margins in the period

3 plants temporarily shut down in US and EU as of today







## **Ethanol Business - Insight**

#### 2013: solid base for recovery



#### Slowly back to stability

- **Corn harvest**
- Likely recovery of corn production after historic draught
- ✓ Renewable Fuel Standard
  - Confirmation of RFS, with strong endorsement to biofuels from President Obama
  - Progresses in the implementation of E15 and higher blends
- ✓ Supply & Demand
  - S&D based on RFS expected to balance back through 2014
  - RINs inventories to decrease by 80% in 2013



#### **Expected improvements**

- Corn harvest
  - Recovery of corn yields fundamental driver of market improvement
  - Better weather conditions to help production
- √ Foreign ethanol dumping
  - 62.30€/t levy on imports approved on 18<sup>th</sup> February, expected to directly affect margins
- ✓ Supply & Demand
  - Balanced S&D expected without any additional import needed



#### Stable trends ahead

- ✓ Sugarcane harvest
  - Record harvest expected in 2013/2014 in Brazil, already seen in Q4 2012
- ✓ Favorable regulatory changes
  - Mandatory ethanol blending rate up to 25%
  - Local taxes reduction
- ✓ Gasoline Prices
  - Increase in gasoline prices after 8 years without changes from the regulator
- ✓ Car Sales
  - Expected Increase by 4% of light vehicle sales (91% FFV)

#### Strong Focus on Technology as an Engine for Future Growth

Developing a cutting edge technology through continuous support to our R&D investment plans

#### Continued Investment in R&D...

# R&D Investment (M€) 91 91 62 67 69 2008 2009 2010 2011 2012



#### ... Developing Cutting Edge Technologies

#### N-Butanol Production

- Flexible process for producing bioethanol, biobutanol or other bioproducts
- Diversifies bioenergy product range, avoiding market volatility and improving returns
- Pilot testing during Q213
- W2B (Waste-to-Biofuels)
  - Innovative solution for transformation of MSW (Municipal Solid Waste) into biofuels and other products
  - Pilot plant to start operation in April 2013
- Superheated and molten salt solar towers.
  - Higher temperature and higher efficiency, aiming to reach grid parity with other conventional generation technologies
  - Accumulated hours of **pilot testing**: 402 h for molten salt tower and 454 h for air tower

#### Water desalinisation, treatment and reuse technologies

- Additional water treatment technologies to align water quality to specific geographic and sector needs, tailoring the range of products and services offered
- Zinc recovery technologies
  - Increased efficiency in the process of recovering zinc from crude steel dust, further improving recovery ratios and profitability margins

FY 2012 Business Highlights

FY 2012 Financial Highlights

2013 Outlook

Appendix

#### Key financial figures for the year

Revenues

7,783 M€

**10**% (7,089 M€ in 2011)

**EBITDA** 

1,246 M€

**13**% (1,103 M€ in 2011)

**Net Income** 

125 M€

**51**% (257 M€ in 2011)

**Corporate Leverage** 

3.2x

3.4x as of September 2012

**E&C Backlog** 

6,679 M€

**↓11**% (7,535 M€ in 2011)

**Pipeline** 

88,054 M€

**↑ 21**% (72,537 M€ in 2011)



## **Key Financial Highlights**

## **ABENGOA**

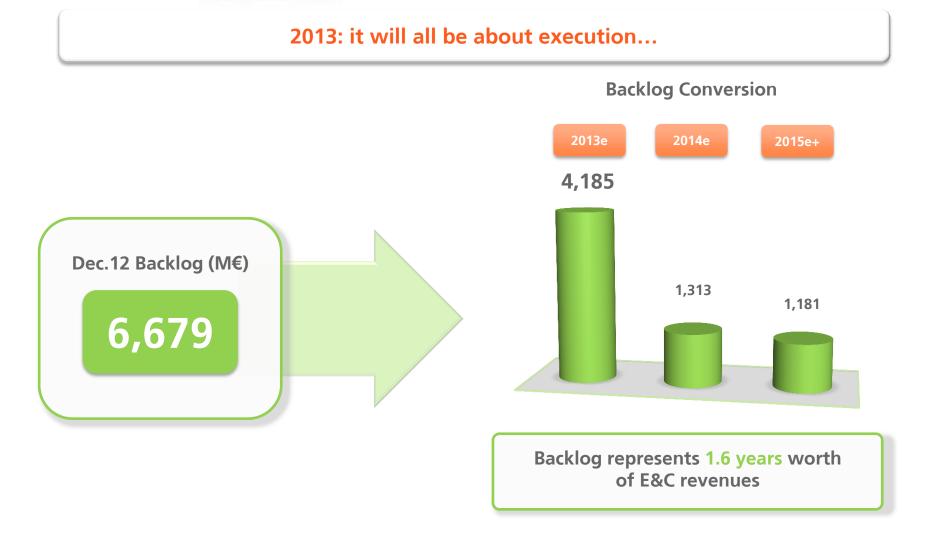
#### Building up balance sheet strength and preserving liquidity...

#### **Balance Sheet Strength**

- √ 3,451 M€ liquidity on balance sheet:
  - Highly diversified per placement
  - Strong currency diversification, in line with business profile
- ✓ 230 M€ of positive cash flow from Working Capital in Q4
- √ 3.6 years pro-forma average maturity of corporate debt

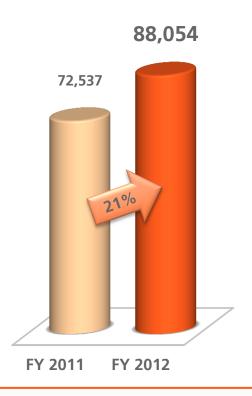
#### **Financing Capacity**

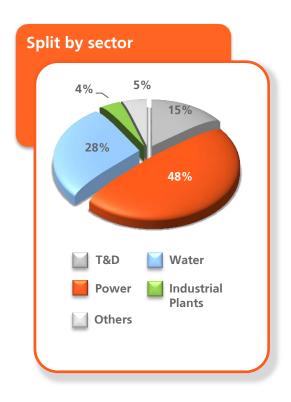
- √ 1,663 M€ successful syndicated loan refinancing closed in July 2012
- ✓ 400 M€ convertible bond due 2019, 6.25% coupon, 3.27€ conversion price bond issuance in January 2013
- ✓ 250 M€ Senior Notes due 2018,
   8.875% coupon issued in January
   2013
- ✓ 1.3 B€ of project finance debt secured to continue execute capex plan

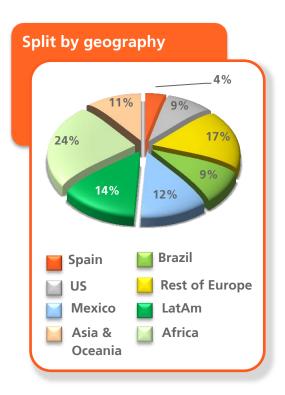


#### ...While key metrics demonstrate positive outlook for the future

#### Dec.12 pipeline (M€)

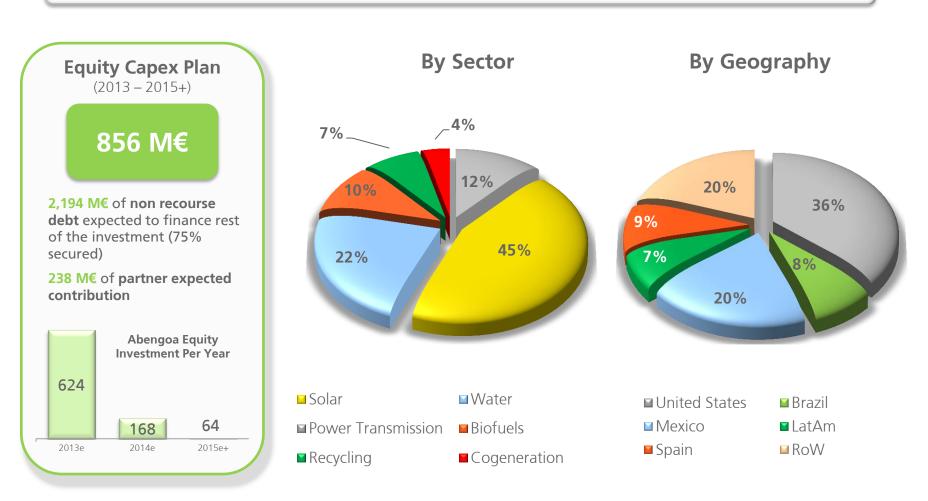






Average historical win rate of 10-15%

#### Well identified Capex Plan through 2015+



Abengoa limits in most cases its equity investment to the margin obtained from construction of the project

## **Great Value from Future Projects**

As of Dec. 31 '12		Location	Capacity	Abengoa (Equity Ownership %)	2012	2013	2014	2015	Expected Start Up	Ann. EBITDAe (M€)	Fully Funded?
	Solana	USA	280 MW	100%					Q3 13	65	<b>√</b>
	Mojave	USA	280 MW	100%					Q2 14	55	$\checkmark$
	South Africa Trough	South Africa	100 MW	51%					Q1 15	81	$\checkmark$
	South Africa Tower	South Africa	50 MW	51%					Q4 14	46	$\checkmark$
	Solaben 1-6	Spain	50 MW x2	100%					Q4 13	30	
	Tenes	Algeria	200 ML/day	51%					Q3 14	17	<b>√</b>
	Qingdao	China	100 ML/day	92%					Q1 13 🗸	11	$\checkmark$
	Ghana	Ghana	60 ML/day	51%					Q1 15	10	$\checkmark$
	Zapotillo	Mexico	3,8 m3/sec	100%					Q4 16	12	
	Cogen. Pemex	Mexico	300 MWe	60%					Q4 12	60	<b>√</b>
4	Cadonal	Uruguay	50 MW	50%					Q2 14	8	$\checkmark$
	Uruguay Wind	Uruguay	50 MW	50%					Q1 14	11	
	Manaus	Brazil	586 km	51%		<b>→</b>			Q1 13	35	$\overline{\hspace{1cm}}$
	Norte Brasil	Brazil	2,375 km	51%					Q4 13	66	$\checkmark$
	Linha Verde	Brazil	987 km	51%					Q3 13	15	$\checkmark$
	ATS	Peru	900 km	100%		$\longrightarrow$			Q4 13	29	$\checkmark$
	ATE VIII	Brazil	108 km	100%					Q2 13	2	$\checkmark$
	Quadra I	Chile	79 km	100%					Q3 13	7	$\checkmark$
	Quadra II	Chile	50 km	100%					Q3 13	4	$\checkmark$
									Total	564	

## **Liquidity protection & management of corporate leverage: key priorities**

M€	<b>Dec 2011</b>	Dec 2012
Corporate Debt	4,830	4,758
Corporate Cash, Equiv. & STFI	(3,346)	(2,275)
Total net corporate debt	1,484	2,483
N/R Debt	5,390	6,975
N/R Cash Equiv. & STFI	(1,406)	(1,176)
Total net N/R debt	3,984	5,799
Total Net Debt	5,468	8,282

Pre-operational debt	3,181	4,317
Total consolidated EBITDA	1,103	1,246
Total corporate EBITDA	717	777

## **Committed to maintain corporate leverage ~3.0x**

	FY 2011	FY 2012
Corporate	2.1x	3.2x
(excl. pre-op. debt)	0.3x	0.8x
Non-Recourse	8.7x	12.1x
(excl. pre-op. debt)	4.5x	6.9x
Consolidated	5.0x	6.6x
(excl. pre-op. debt)	2.1x	3.2x

650 M€ issuance to extend maturities and reinforce liquidity position

#### **Use of Proceeds**

- 208 M€ repayment of syndicated loan maturing in 2013
- 200 M€ repayment of syndicated loan maturing in 2014
- 100 M€ partial buy back of existing 2014 convertible bond (108 M€ repurchase price)
- >130 M€ repayment of revolving credit facilities and other ST corporate debt

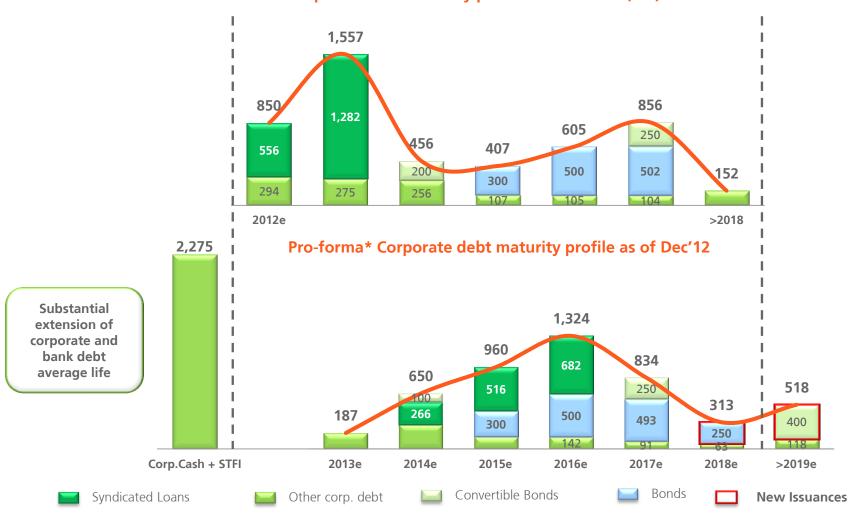


- No increase in corporate debt
- Activates further availability of credit lines
- Corporate debt maturity extension up to 3.6 years
- Reduce exposure to commercial banks

Abengoa demonstrates its **ability to access the capital markets**, another proof of the **financial flexibility** in tough market conditions

#### Constantly improved maturity profile and liquidity position

#### Corporate debt maturity profile as of Dec'11 (M€)



#### **Cash-flow Overview**

#### **Continued effort in investment plan**

# Cash generated from operations

443 M€

#### **Net Investment**

3,302 M€

O/W ABG's equity:

1,189 M€

• EBITDA: 1,246 M€

Non-monetary adj.: (66) M€

Working Capital: (48) M€

Net Interested Paid and taxes: (413) M€

Taxes and other financial costs: (276) M€

- Asset rotations and partners' entry: 636 M€
- Total capex invested: 3,594 M€
- LT Financial investments and others: 344 M€

Net Cash Flow from financing

1,684 M€

Proceeds from loans and borrowings: 1,990 M€

 Repayment of loans and borrowings and other finance activities: (269) M€

• Dividends: (37) M€

-69 M€ FX impact

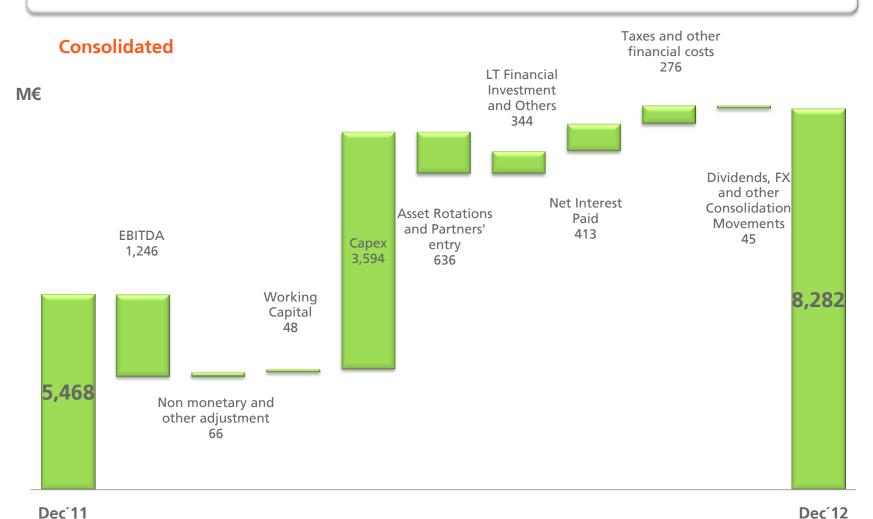
Cash as of FY 2011

3,738 M€

2,494 M€

Cash available at year end

## Net cash generated from operating activities



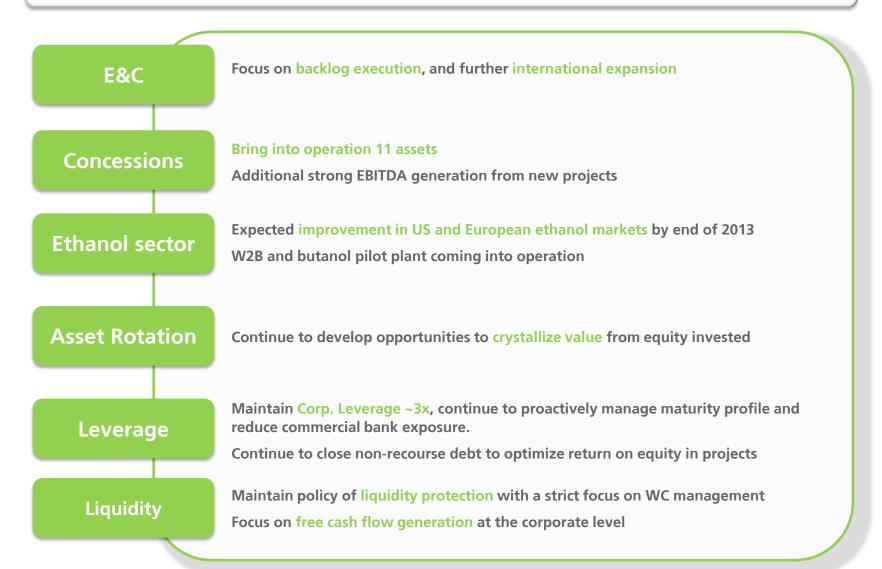
FY 2012 Business Highlights

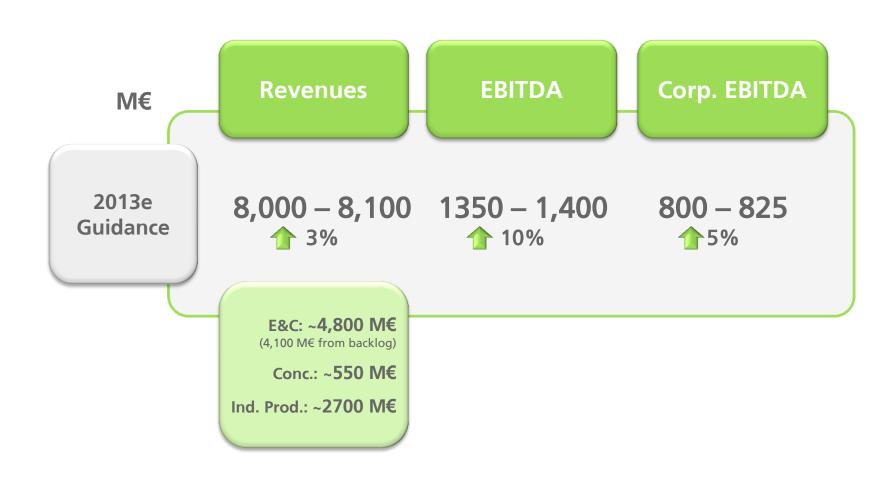
FY 2012 Financial Highlights

2013 Outlook

Appendix

## What to expect in 2013





- 1 FY 2012 Business Highlights
- 2 FY 2012 Financial Highlights
- 2013 Outlook
- 4 Appendix

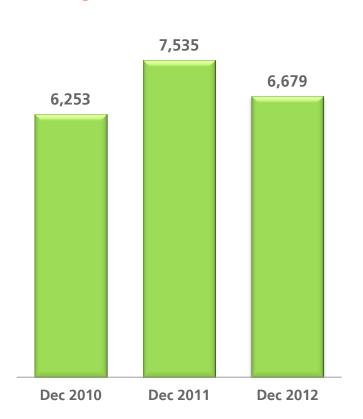
M€		Revenues			<b>EBITDA</b>	Ma	Margin		
	FY 2011	FY 2012	Var (%)	FY 2011	FY 2012	Var (%)	FY 2011	FY 2012	
Engineering and	Construc	tion							
E&C	3,526	4,055	15.0%	438	514	17.4%	12.4%	12.7%	
Others	281	457	62.6%	93	210	125.8%	33.1%	46.0%	
Total	3,807	4,512	18.5%	531	724	36.3%	13.9%	16.0%	
Concession-type	Infrastru	cture							
Transmission	238	81	-66.0%	193	53	-72.5%	81.1%	65.4%	
Solar	131	314	139.7%	93	226	143.0%	71.0%	72.0%	
Water	21	42	100.0%	10	28	180.0%	47.6%	66.7%	
Cogen. & other	37	36	-2.7%	3	0	-100.0%	8.1%	0.0%	
Total	427	473	10.8%	299	307	2.7%	70.0%	64.9%	
Industrial Produc	tion								
Bioenergy	2,225	2,138	-3.9%	152	91	-40.1%	6.8%	4.3%	
Recycling	630	660	4.8%	121	124	2.5%	19.2%	18.8%	
Total	2,855	2,798	-2.0%	273	215	-21.2%	9.6%	7.7%	
Total	7,089	7,783	9.8%	1,103	1,246	13.0%	15.6%	16.0%	

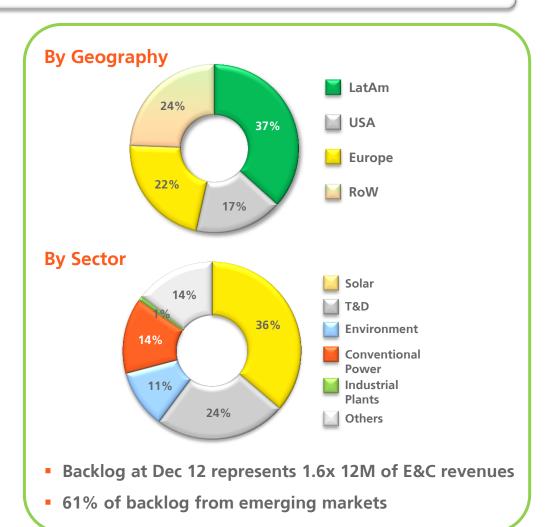
#### **E&C Backlog**

## **ABENGOA**

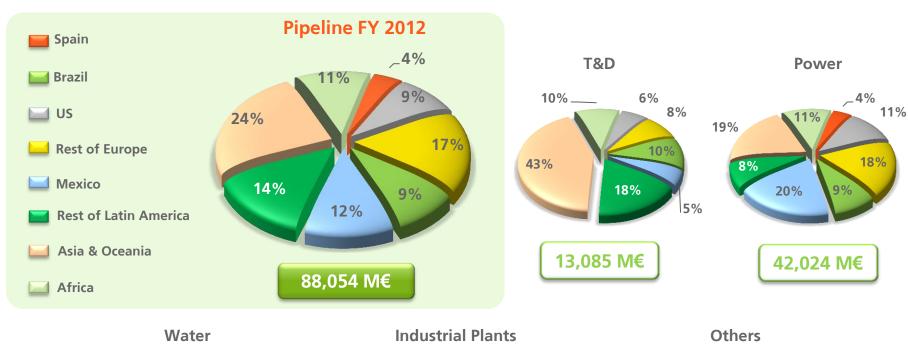
#### Solid backlog, well diversified, provides revenue visibility

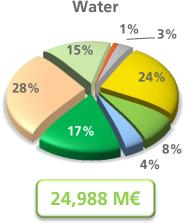
#### Backlog (M€)

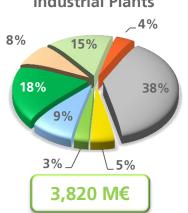




#### Consolidating as a strong EPC player for energy projects in developing countries









## **Balanced asset portfolio**

(M€)	Operating (Gross)	Under Construction/ Development	Total Gross Assets	Net Assets*	ABG Equity	Non Recourse Net Debt	Partners
Transmission	520	1,905	2,425	2,394	862	1,180	352
<b>€</b> CSP	3,177	1,999	5,176	5,003	1,797	3,098	108
Cogeneration	213	551	764	748	67	681	0
<b>Water</b>	186	284	470	451	119	287	45
Concession-type infrastructures	4,096	4,739	8,835	8,596	2,845	5,246	505

We invest in Concession-type Infrastructure projects where we have a technological edge, targeting a shareholder's equity IRR of 10% - 15% (excluding upsides from EPC margin, O&M and asset rotation)

#### **Sustainable Business Going Forward**

Revenue visibility backed by a solid backlog and a solid asset portfolio



## Capex by segment (I)

Amounts based on the company's best estimate as of December 31, 2012. Actual investments or timing thereof may change.

					Ann.			Tot	al	
(M€)	Capacity	Abengoa (%)	Country	Start Up	EBITDAe (M€)	Investment	Pending Capex	ABG Equity	Partners	Debt
Solar						6,502	1,882	381	<b>78</b>	1,423
Solana	280 MW	100%	US	Q3 13	65	1,481	249	91	-	158
Mojave	280 MW	100%	US	Q2 14	55	1,207	566	132	-	434
Solaben 1 and 6*	100 MW	100%	Spain	Q4 13	~30	510	316	76	-	240
South Africa Trough	100 MW	51%	S.Africa	Q1 15	81	679	523	50	48	425
South Africa Tower	50 MW	51%	S.Africa	Q4 14	46	355	228	32	30	166
Biofuels						505	199	86	30	83
Hugoton	95 ML	100%	US	Q1 14	-	505	199	86	30	83
Cogeneration						812	249	33	31	185
Cogen. Pemex	300 MW	60%	Mexico	Q4 12	60	550	62	5	3	54
Uruguay Wind*	50 MW	50%	Uruguay	Q1 14	11	144	69	13	13	43
Cadonal Wind*	50 MW	50%	Uruguay	Q2 14	8	118	118	15	15	88
Water						<b>597</b>	466	191	19	256
Tenes	200,000 m3/day	51%	Algeria	Q3 14	17	204	95	9	9	77
Ghana	60,000 m3/day	56%	Ghana	Q1 15	10	98	76	13	10	53
Zapotillo*	3.80 m3/sec	100%	Mexico	Q4 16	12	295	295	169	-	126
Transmission						2,366	350	101	62	187
Manaus	586 km	51%	Brazil	Q1 13	35	841	11	6	5	-
Norte Brasil	2,375 km	51%	Brazil	Q4 13	66	814	130	17	17	96
Linha Verde	987 km	51%	Brazil	Q3 13	15	221	82	42	40	-
ATS	900 km	100%	Peru	Q4 13	29	390	48	16	-	32
ATE VIII	108 km	100%	Brazil	Q2 13	2	26	5	4	-	1
Quadra I & II	79+50 Km	100%	Chile	Q3 13	11	74	74	16	-	58
Recycling						157	142	64	18	60
Adana & Izmir *	110,000 t x 2	51%	Turkey	Q4 14		98	98	20	18	60
Korea	120,000 t	51%	Korea	Q2 13		59	44	44	-	-
						10,939	3,288	856	238	2,194

## Capex by segment (II)

Amounts based on the company's best estimate as of December 31, 2012. Actual investments or timing thereof may change.

		20	)13			20	014		2015+			
(M€)	Pending Capex	ABG Equity	Partners	Debt	Pending Capex	ABG Equity	Partners	Debt	Pending Capex	ABG Equity	Partners	Debt
Solar	1,464	316	48	1,100	365	60	25	280	53	5	5	43
Solana	249	91	-	158	-	-	-	-	-	-	-	-
Mojave	443	99	-	344	123	33	-	90	-	-	-	-
Solaben 1 and 6*	316	76	-	240	-	-	-	-	-	-	-	-
South Africa Trough	304	29	28	247	166	16	15	135	53	5	5	43
South Africa Tower	152	21	20	111	76	11	10	55	-	-	-	-
Biofuels	193	86	28	79	6	-	2	4	-	-	-	-
Hugoton	193	86	28	79	6	-	2	4	-	-	-	-
Cogeneration	121	28	5	88	128	5	26	97	-	-	-	-
Cogen. Pemex	62	5	3	54	-	-	-	-	-	-	-	-
Uruguay Wind*	45	9	2	34	24	4	11	9	-	-	-	-
Cadonal Wind*	14	14	-	-	104	1	15	88	-	-	-	-
Water	252	84	14	154	132	60	5	<b>67</b>	82	47	-	35
Tenes	72	7	7	58	23	2	2	19	-	-	-	-
Ghana	53	9	7	37	23	4	3	16	-	-	-	-
Zapotillo*	127	68	-	59	86	54	-	32	82	47	-	35
Transmission	295	76	62	157	55	25	-	30	-	-	-	-
Manaus	11	6	5	-	-	-	-	-	-	-	-	-
Norte Brasil	130	17	17	96	-	-	-	-	-	-	-	-
Linha Verde	82	42	40	-	-	-	-	-	-	-	-	-
ATS	21	1	-	20	27	15	-	12	-	-	-	-
ATE VIII	5	4	-	1	-	-	-	-	-	-	-	-
Quadra I & II	46	6	-	40	28	10	-	18	-	-	-	-
Recycling	83	34	11	38	47	18	7	22	12	12	-	-
Adana & Izmir	64	15	11	38	34	5	7	22	-	-	-	-
Korea	19	19	-	-	13	13	-	-	12	12	-	-
Totals	2,408	624	168	1,616	733	168	65	500	147	64	5	78

Innovative Technology Solutions for Sustainability



# **ABENGOA**

Thank you