Innovative Technology Solutions for Sustainability



# **ABENGOA**

Third Quarter 2013 Earnings Presentation

## **Forward-looking Statement**

- This presentation contains forward-looking statements (within the meaning of the U.S. Private Securities Litigation Reform Act of 1995) 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.
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- The information and opinions contained in this presentation are provided as at the date of this presentation and are subject to verification, completion and change without notice.









#### **Agenda**









#### **2013 YTD Overview**

Continued
Delivery on
Growth
Strategy



Pipeline	+13%	125 B€
Backlog	+0%	7,069 M€
Revenues	+17%	5,233 M€
EBITDA	+29%	860 M€
Net Incom	e 1 +13%	73 M€
Corp.	<sup>(1)</sup> ↓ 2.5x	

#### **Q3 2013 Executive Summary**



- **> Solid performance of E&C**; backlog above 7.0 B€
- **>** Continued recovery in Biofuels
- Bringing assets into operation as scheduled

Delivering on Corporate Strategy

- Reduced corporate leverage
- Executing on asset rotation plan

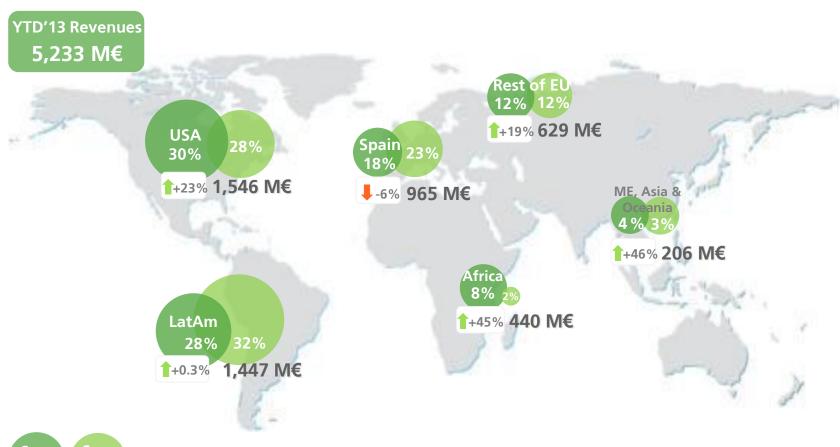


Reinforced Capital Structure

- > 517 M€ equity increase & NASDAQ listing
- Lengthening maturity profile
- Reduced corporate banking debt exposure

#### **Geographic Diversification**

Growing our international footprint & diversification with low business dependence on a single region





The US as Largest Contributor in the Mix while increasing presence in Asia & Africa

Engineering &
Construction

- Strong momentum both in execution and booking activity
- Pipeline allows for excellent visibility on future flows
- Backlog maintained at healthy level of +7 B€, with lower equity investments

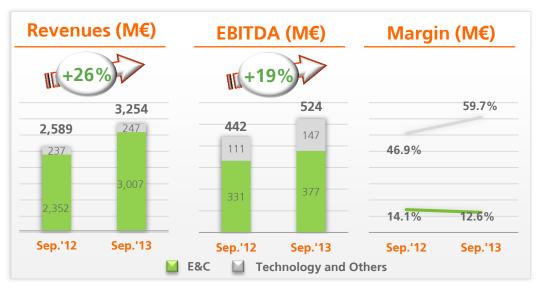
#### **YTD 2013 KPI's**

# 3,564 M€ 1+57% YoY



Pipeline 125 B€ 1+13% QoQ

#### **YTD Operating Segment Analysis**





Great visibility on future growth with lower equity investments



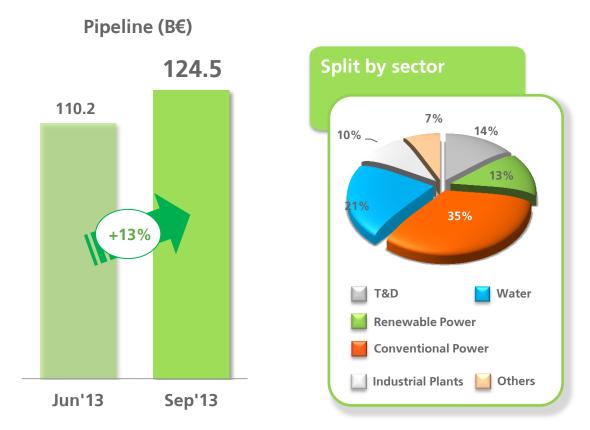
...and a sustainable future ahead... **Equity Investments < EPC Margin** 10-12% average historical EPC margin Additional returns from technology fees and O&M equity investment required out 9.1%

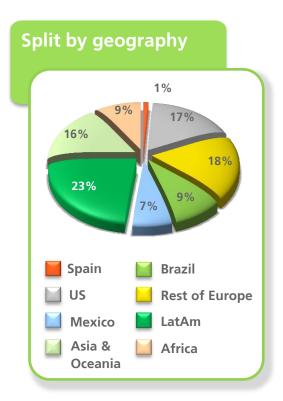
of existing current backlog

Proven technology and track record of building & operating assets allowing to minimize future equity contribution and secure growth

#### **E&C** Results Visibility - Pipeline

Growing our pipeline of opportunities to drive future revenues





~83% of the projects identified will not require any equity contribution

#### **Concessions Highlights**

Concessionstype Infrastructures

- Solana, the largest CSP trough plant worldwide, and Solaben 1 & 6 plants in in operation on-time & budget
- 1,916 MW in operation (693 MW conventional & 1,223 MW renewable)
- 6 new assets brought into operation in 2013 YTD
- ~420 M€ of cash proceeds from equity recycling plan achieved as of today

#### **YTD 2013 KPI's**

# **Equity** Invest.

418 M€

in concessions YTD

# Revenue Breakdown 8% 13% 13% 17%

#### **As of Sept 2013...**

Total Equity BV

3,302 M€

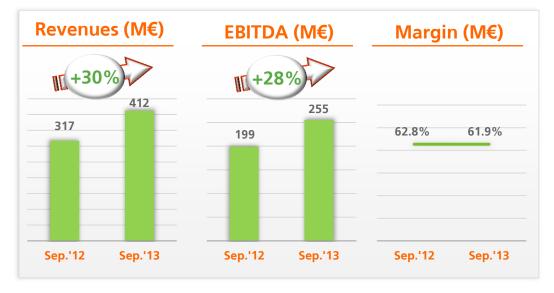
as of Sept. 2013

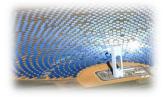
Total # of Assets

**42** in operation

24 constr./develop.

#### **YTD Operating Segment Analysis**









#### **Industrial Production Highlights**

3

# Industrial Production

- Recovery in bioethanol sector factored-in in segment economics
- +93% production capacity of our plants into operation as of today
- Waiting for EPA confirmation on RFS targets for 2014

#### **YTD 2013 KPI's**

**Ethanol Produced** 

1,627 ML

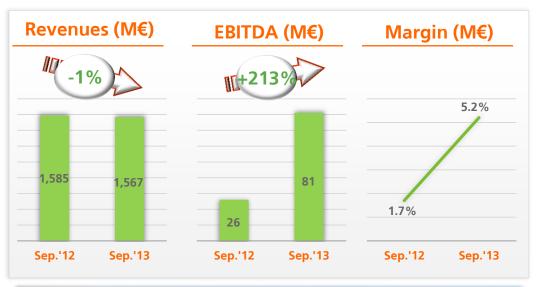
vs 1,696 ML 9m 2013

Crush Spread ~0.75 \$

Vs 0.40 \$ avg. 2012



#### **YTD Operating Segment Analysis**





#### **Technology Update**

#### **R&D** plans continue to advance quarter to quarter

#### **Cutting Edge Technologies**

#### **Quarterly Update**

Solar Technologies (CSP + PV)



Molten Salt Plant (MSP) ready to start commercial phase

- ➤ Higher thermal efficiency reached by our pilot plants: 565 °C and +13% incremental efficiency for MSP, air tower operating stably at 800°C
- **+25% incremental** efficiency in new **Solar Cells** using **organic-inorganic** as sensitizers

**Butanol** 



First production of butanol from ethanol with 99,8% purity, sent to potential customers

> Basic engineering package for commercial plant in Ravenna finished

Waste to biofuel (W2B)



374 tons of municipal solid waste treated – 1,565 l ethanol 100% purity produced

Developing alternative technology configuration to adapt to different biomass from forest

Water Desalination



More accurate membrane systems for Reverse Osmosis pre-treatment desalination plants developed, adapting to different water typologies

Applied & Awarded Patents

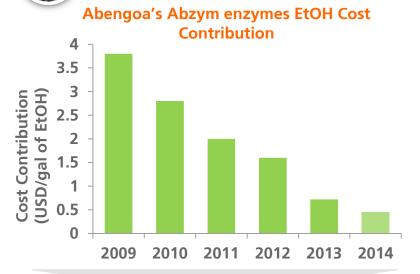


- 41 new patents applications with more than 242 patents applied
- An increase of 46% YoY on patents applications



#### **2G Ethanol**







# Our competences and R&D capabilities

- Molecular & Biochemical Lab in Seville
- W2B Demo Plant in Salamanca
- Fermentation & Down Stream Process (DSP) Lab in Salamanca
- > Enzyme testing Lab in York



- Biochemistry
- Genetic Engineering
- Molecular Biology
- High-throughput screening
- Fermentation optimization
- DSP development
- Scaling-up
- Benchmarking















#### **Financial Highlights**

#### Continued **growth** achieved...

#### ...while delivering on financial strategy



5,233 M€

**Revenues** through September 2013, an increase of **17%** Y-o-Y



2.5x

Pro-forma\* Corporate Leverage ratio as of Sep. 2013, a 1.1x reduction from 2012 YE level



860 M€

**EBITDA** through September 2013, an increase of **29%** Y-o-Y



• 517 M€

**Capital Increase** to accelerate improvement of credit rating profile



• 73 M€

**Net Income** through September 2013, an increase of **12%** Y-o-Y



•~800 M€

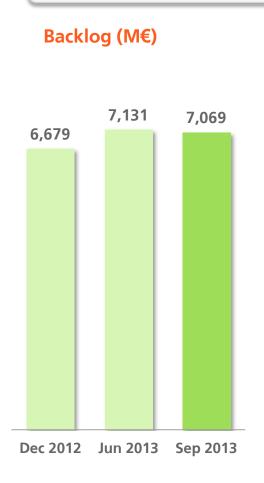
**Cash** proceeds from **Asset Rotations** closed in 2013 YTD to deleverage at corporate & increase financial flexibility

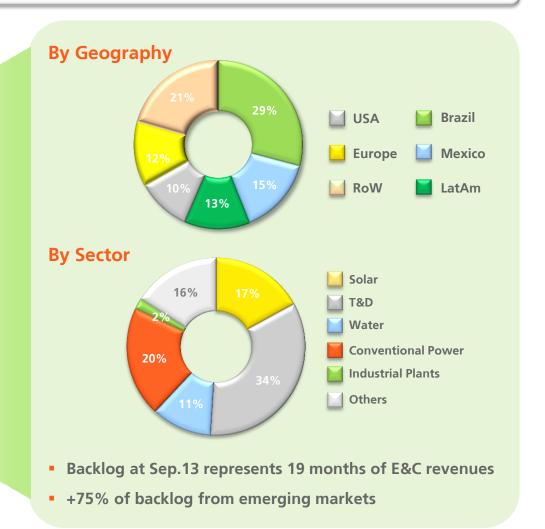
<sup>\*</sup> Proforma for the application of net proceeds from the 517 M€ capital increase completed in October 2013

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

# **ABENGOA**

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





#### **Reinforced Capital Structure**

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

		Dec. 2012	Sep. 2013 Proforma*
Not	Corporate Debt	4,757	4,595
Net Corporate	Corporate Cash, Equiv. & STFI	(2,271)	(2,638)
Debt	Corporate Net Debt	2,486	1,957
Non- Recourse Debt	Non-recourse Debt  Non-recourse Cash Equiv. & STFI  Net Non-recourse debt	5,257 (1,042) <b>4,215</b>	5,545 (517) <b>5,028</b>
Total	Total Net Debt Position	6,701	6,985
Other Info	Pre-operational debt Total consolidated EBITDA LTM Total corporate EBITDA LTM	2,968 949 663	3,183 1,142 770

<sup>\*</sup> Proforma for the application of net proceeds from the 517 M€ capital increase completed in October 2013: 347 M€ corporate debt repayment, 151 M€ financial flexibility , 19 M€ transaction costs

#### **Key Leverage Ratios**

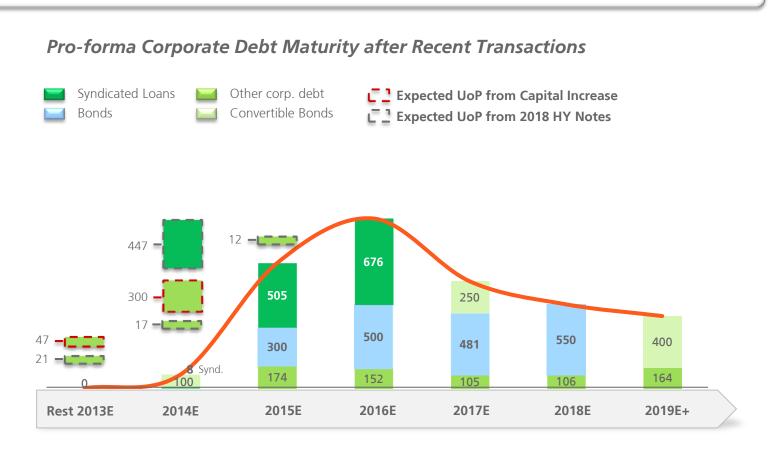
#### **Reduction of Corporate Leverage a Key Priority**

Sep. 2013 Dec. 2012 **Proforma\*** 3.7x 2.5x Corporate 14.2x 13.2x Non-Recourse 7.1x 6.1x Consolidated 3.9x 3.3x(excl. pre-op. debt)

<sup>\*</sup> Proforma for the application of net proceeds from the 517 M€ capital increase completed in October 2013: 347 M€ corporate debt repayment, 151 M€ financial flexibility , 19 M€ transaction costs

#### **Improved Maturity Profile**

#### No refinancing needs in the next 18 months



Reinforcing our share capital while lengthening maturity profile

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

On track to achieve corporate CAPEX target of 750 M€ for full year 2013'

Cash generated from operations

285 M€

**Net Investment** 

1,161 M€

O/W ABG's equity:

618 M€

• FBITDA:

860M€

Working Capital:

(117) M€

Net Interested Paid:

(340) M€

Taxes and other financial costs:

(153) M€

Discontinued operations:

35 M€

Total capex invested:

1,397 M€

• Other net investments:

(264) M€

• Discontinued operations:

28 M€

Net Cash Flow from

financing activities

688 M€

Proceeds from loans and borrowings: 1,479 M€

 Repayment of loans and borrowings and other finance activities:: (627) M€

Others:

(164) M€

Cash as of Dec. 2012

(61) M€ FX impact (76) M€ Disc. Op.

2,088 M€

Cash at Sep. 13

2,413 M€









#### **Key Financial Targets**

A detailed plan for a sustainable financial structure going further

2013
Business
Guidance

Revenues

**7,250 – 7,350** 

**16%** vs 6,312 M€

**EBITDA** 

1,180 - 1,230

27% vs 949 M€

Corp. EBITDA

800 - 825

23% vs 663 M€

FY 2014E onwards **FY 2013E Net Corporate** ~2.5x  $\sim 2.0x$ Leverage Key **Financial** Corporate 750 M€ 450 M€ **Targets** CAPEX **Corporate Free Negative Positive** Cash Flow<sup>(1)</sup>

#### **Agenda**









#### **Going Forward**

#### A clear path going forward...

#### **ABENGOA**

### New Plan Announced

- ✓ Sale of Befesa
- ✓ Resilient E&C business: >7 B€ Backlog, providing great Revenue and WC visibility
- ✓ Repay 207 M€ of syndicated loan
- ✓ Strong liquidity position
- Reinforced financial discipline

#### In 6 months

- ✓ Improve biofuels performance from lowest ever
- ✓ Solana in operation
- Additional Equity recycling for ~560 M€: 420 M€ done already
- √ 517 M€ US equity offering
  - > 2014 Capex Reduction
  - Repay remaining outstanding maturities with already secured funds

#### in 12 months

- Mojave & Hugoton in operation
- Repay remaining 2014 remaining syndicated loan and corporate debentures with already secured funds
- Equity recycling for ~765 M€ with an additional debt reduction of ~1,000 M€

#### in 18 months

- +500 M€ of additional annualized EBITDAe from new concessions projects by 2015 (pre asset rotations)
- > 176 M€ EBITDAe reduction in 2014 from rotations (250 M€ annualized impact)
- Equity recycling for ~115 M€ with debt reduction of ~575 M€
- Positive Corp. FCF in 2014

#### **Results by Activity**

€ in Millions	R	evenue	5		EBITDA	EBITDA Margin		
	9M 2013	9M 2012	Var (%)	9M 2013	9M 2012	2 Var (%)	9M 2013	9M 2012
Engineering and Construction								
E&C	3,007	2,352	28%	377	331	14%	12.6%	14.1%
Technology & Others	247	237	4%	147	111	32%	59.7%	46.9%
Total E&C	3,254	2,589	26%	524	442	19%	16.1%	17.1%
Concession-type Infrastructure								
Solar	257	230	12%	165	173	-5%	64.3%	75.2%
Water	31	15	107%	22	9	144%	71.3%	58.3%
Transmission	53	29	83%	36	14	157%	67.8%	47.6%
Cogen. & other	71	43	65%	32	3	967%	44.3%	7.5%
Total Concessions	412	317	30%	255	199	28%	61.9%	62.8%
Industrial Production								
Biofuels	1,567	1,585	-1%	81	26	212%	5.2%	1.7%
Total	5,233	4,491	17%	860	667	29%	16.4%	14.8%

#### **Excellent Revenue Visibility**

Focus on execution, increase of backlog and expand recurrent business



# Additional EBITDA from Concessions Under Construction...

**Total** 

As of September 2013	Location	Capacity	Abengoa (Equity Ownership %)	2013	2014	2015	2016	Expected Start Up	Sector	Fully Funded?	Annual EBITDA	
Quingdao	China	100 ML/day	92%					<b>√</b> Q1 13		$\checkmark$	11	
Manaus	Brazil	586 km	51%					<b>√</b> Q1 13		$\checkmark$	35	4
Solaben 1-6	Spain	50 MW x2	100%					<b>√</b> Q3 13		$\checkmark$	30	00
Solana	USA	280 MW	100%					<b>√</b> Q4 13		$\checkmark$	65	
Quadra I	Chile	79 km	100%					Q4 13		$\checkmark$	7	Z
Quadra II	Chile	50 km	100%					Q4 13		$\checkmark$	4	M
ATS	Peru	900 km	100%					Q4 13		$\checkmark$	29	
Uruguay Wind	Uruguay	50 MW	50%					Q1 14	भारत	<b>√</b>	11	
Mojave	USA	280 MW	100%					Q2 14		$\checkmark$	55	2
Cadonal	Uruguay	50 MW	50%					Q2 14	111	$\checkmark$	8	_
Norte Brasil	Brazil	2,375 km	51%					Q3 14		$\checkmark$	66	00
Tenes	Algeria	200 ML/day	51%	€				Q3 14		$\checkmark$	17	M
Linha Verde	Brazil	987 km	51%					Q4 14		$\checkmark$	15	
Khi Tower	South Africa	50 MW	51%					Q4 14	***	$\checkmark$	46	
Kaxu Trough	South Africa	100 MW	51%					Q1 15	<b>**</b>	<b>√</b>	81	<b>Z</b> 3
Ghana	Ghana	60 ML/day	51%					Q1 15	<b>(</b>	$\checkmark$	10	₩.
ATN 3 (Machupichu)	Peru	355 km	100%					Q3 16		<b>√</b>	10	
Zapotillo	Mexico	3,8 m3/sec	100%					Q4 16	<b>(</b>		12	<b>₹</b>

Note: **Blue colour** indicates change from previously reported date of entry in operation – Projects shown in **light grey** indicate contracts that have been awarded but where financing is being closed

Amounts based on the company's best estimate as of Sep. 30, 2013. Actual investments or timing thereof may change.

# Capex under construction by segment (I)

					Ann.			Tot	al	
(M€)	Capacity	Abengoa (%)	Country	Start Up	EBITDAe (M€)	Investment	Pending Capex	ABG Equity	Partners	Debt
Solar						3,539	<b>593</b>	116	32	445
Solana <sup>2</sup>	280 MW	100%	US	Q4 13	65	1,446	92	37	0	55
Mojave <sup>2</sup>	280 MW	100%	US	Q2 14	55	1,178	153	46	0	107
South Africa 100 MW <sup>2</sup>	100 MW	51%	S.Africa	Q1 15	81	601	271	23	22	226
South Africa 50 MW <sup>2</sup>	50 MW	51%	S.Africa	Q4 14	46	314	77	10	10	57
Biofuels						495	93	-9	24	<b>78</b>
Hugoton <sup>2</sup>	95 ML	100%	US	Q1 14	-	495	93	-9	24	78
Power Generatation						201	88	25	1	62
Uruguay Wind (Palmatir)	50 MW	50%	Uruguay	Q1 14	11	110	10	1	1	8
Cadonal Wind	50 MW	50%	Uruguay	Q2 14	8	91	78	24	0	54
Water						<b>597</b>	390	183	10	<b>197</b>
Tenes	200,000 m3/day	51%	Algeria	Q3 14	17	199	48	5	5	38
Ghana	60,000 m3/day	56%	Ghana	Q1 15	10	96	40	7	5	28
Zapotillo <sup>1</sup>	3.80 m3/sec	100%	Mexico	Q4 16	12	302	302	171	-	131
Transmission						1,767	272	100	32	140
Norte Brasil	2,375 km	51%	Brazil	Q2 14	66	956	74	20	18	36
Linha Verde	987 km	51%	Brazil	Q4 13	15	199	53	14	14	25
ATS	900 km	100%	Peru	Q4 13	29	404	37	23	0	14
ATN 3	355 km	100%	Peru	Q3 16	10	120	91	40	0	51
Quadra I & II	79+50 Km	100%	Chile	Q3 13	11	88	17	3	0	14
		_				6,599	1,436	415	99	922
Additional Proje	ects with Limite	ed Equity Inv	/estment							
Ashalim CSP Plant <sup>1</sup>	110 MW	50%	Israel	Q2 17	n/a	742	n/a	62	n/a	n/a
Uruguay Wind (Palomas) 1	70 MW	20%	Uruguay	Q3 15	n/a	126	n/a	4	n/a	n/a
New Brazilian T&D lines <sup>1</sup>	5416 Km	Limited to EPC Margin	Brazil	Q1-Q3 16	n/a	1,962	n/a	160	n/a	n/a

 $<sup>^1</sup>$ Uncommitted project (financing and/or partner's contribution still pending to be secured) -

**Total Equity Capex** 

<sup>&</sup>lt;sup>2</sup>This project falls under the scope of IFRS 10 and is therefore consolidated through equity method until entry into operation

# Capex under construction by segment (II)

Amounts based on the company's best estimate as of September 30, 2013. Actual investments or timing thereof may change.

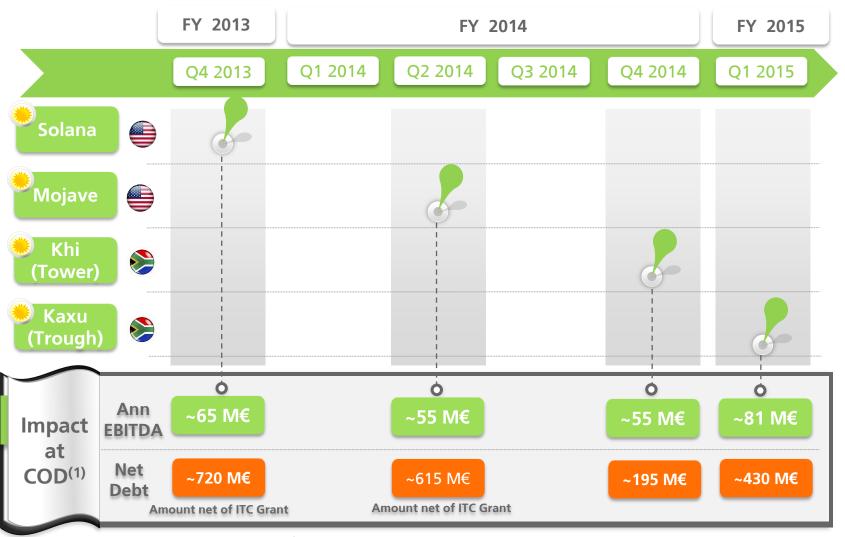
		Q4	2013			20	014			20	15+	
(M€)	Pending Capex	ABG Equity	Partners	Debt	Pending Capex	ABG Equity	Partners	Debt	Pending Capex	ABG Equity	Partners	Debt
Solar	250	<b>67</b>	8	175	248	43	18	187	95	6	6	83
Solana <sup>2</sup>	92	37	0	55	0	0	0	0	0	0	0	0
Mojave <sup>2</sup>	74	22	0	52	79	24	0	55	0	0	0	0
South Africa 100 MW <sup>2</sup>	74	7	7	60	102	10	9	83	95	6	6	83
South Africa 50 MW <sup>2</sup>	10	1	1	8	67	9	9	49	0	0	0	0
Biofuels	55	-9	0	64	38	0	24	14	0	0	0	0
Hugoton <sup>2</sup>	55	-9	0	64	38	0	24	14	0	0	0	0
<b>Other Power Generation</b>	16	0	0	16	72	25	1	46	0	0	0	0
Uruguay Wind	3	0	0	3	7	1	1	5	0	0	0	0
Cadonal Wind	13	0	0	13	65	24	-	41	0	0	0	0
Water	51	9	4	38	156	64	6	86	183	110	-	73
Tenes	27	3	3	21	21	2	2	17	0	0	0	0
Ghana	9	2	1	6	31	5	4	22	0	0	0	0
Zapotillo <sup>1</sup>	15	4	-	11	104	57	-	47	183	110	-	73
Transmission	144	42	15	87	53	18	17	18	75	40	0	35
Norte Brasil	21	2	1	18	53	18	17	18	0	0	0	0
Linha Verde	53	14	14	25	0	0	0	0	0	0	0	0
ATS	37	23	0	14	0	0	0	0	0	0	0	0
ATN 3	16	0	0	16	0	0	0	0	75	40	0	35
Quadra I & II	17	3	0	14	0	0	0	0	0	0	0	0
Ashalim <sup>1</sup>		1				59				2		
Uruguay Wind (Palomas) <sup>1</sup>		-				4				-		
New Brazilian T&D lines <sup>1</sup>		0				0				160		
Total Equity Capex		110				213				318		

<sup>&</sup>lt;sup>1</sup>Uncommitted project (financing and partner's contribution still pending to be secured) -

<sup>&</sup>lt;sup>2</sup>This project falls under the scope of IFRS 10 and is therefore consolidated through equity method during construction

#### **Concessional Projects under IFRS 10**

Visibility on consolidation of concessional assets currently under construction falling under IFRS 10



#### **Balanced Asset Portfolio**

As of Sep. 30, 2013 (M€)	Operating (Gross)	Under Construction/ Development	Total Gross Assets	Net Assets*	ABG Equity	Non Recourse Net Debt	Partners
Transmission	1,233	1,425	2,658	2,608	921	1,341	346
<b>CSP</b>	3,488	-	3,488	3,246	1,133	2,008	105
Cogeneration	710	223	933	901	185	714	2
Water	232	165	397	377	95	243	39
Concession-type infrastructures	5,663	1,813	7,476	7,132	2,334	4,306	492
Projects under IFRS	10 & 11				968		
				otal ity BV	3,302 M€		

 $<sup>\</sup>mbox{\ensuremath{^{\star}}}$  Net assets calculated as gross assets less accumulated D&A

#### **Asset Portfolio Capacity**

#### Revenue visibility backed by our solid asset portfolio



<sup>(1)</sup> Solana CSP plant (280 MW) included in "under construction" since it entered into operation on October 7, 2013

<sup>(2)</sup> Includes 286 MW of capacity of bioethanol plants cogeneration facilities

#### **Proforma Net Debt Bridge**

#### **Consolidated Proforma Net Debt Change in the Period**



Innovative Technology Solutions for Sustainability



# **ABENGOA**

Thank you