

Innovative Technology Solutions for Sustainability



ABENGOA

Concessions: Crystallizing Value



Completing Transformation

9th Annual Analyst and Investor Day

Santiago Seage

Abengoa Yield CEO

New York City & London, April 7 & 9, 2015

Forward-looking Statement

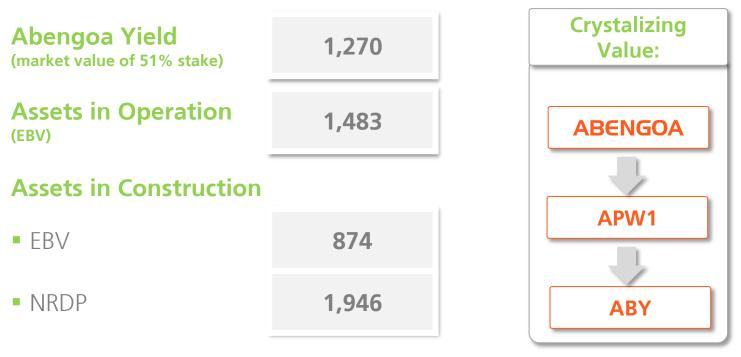
- This presentation contains forward-looking statements (within the meaning of the U.S. Private Securities Litigation Reform Act of 1995) and information relating to Abengoa that are based on the beliefs of its management as well as assumptions made and information currently available to Abengoa.
- Such statements reflect the current views of Abengoa with respect to future events and are subject to risks, uncertainties and assumptions about Abengoa and its subsidiaries and investments, including, among other things, the development of its business, trends in its operating industry, and future capital expenditures. In light of these risks, uncertainties and assumptions, the events or circumstances referred to in the forward-looking statements may not occur. None of the future projections, expectations, estimates or prospects in this presentation should be taken as forecasts or promises nor should they be taken as implying any indication, assurance or guarantee that the assumptions on which such future projections, expectations, estimates or prospects have been prepared are correct or exhaustive or, in the case of the assumptions, fully stated in the presentation.
- 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 Abengoa's 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; extensive governmental regulation in a number of different jurisdictions, including stringent environmental regulation; Abengoa's 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 Abengoa's 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 Abengoa's 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 Abengoa's plants; insufficient insurance coverage and increases in insurance cost; loss of senior management and key personnel; unauthorized use of Abengoa's intellectual property and claims of infringement by Abengoa of others intellectual property; Abengoa's substantial indebtedness; Abengoa's ability to generate cash to service its indebtedness; changes in business strategy; and various other factors indicated in the "Risk Factors" section of Abengoa's Form 20-F for the fiscal year 2014 filed with the Securities and Exchange Commission on February 23, 2015. The risk factors and other key factors that Abengoa has indicated in its past and future filings and reports, including those with the U.S. Securities and Exchange Commission, could adversely affect Abengoa's business and financial performance.
- 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.
- This presentation includes certain non-IFRS financial measures which have not been subject to a financial audit for any period.
- 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.



Concessions

5.6 B€ Assets in Concessions

€ Millions. December 2014









Performance of Assets in ABY





2

Details of the Contracted Assets beyond ABY





1 Performance of Assets in ABY



2014 - Abengoa Yield

Solid performance and cash available for distribution for the period

| | 3 months Dec. 14 M\$ | FY 14 M\$ | FY13 M\$ | Variation FY vs FY |
|------------------------------------|-------------------------|-----------------------------|----------|-----------------------|
| Revenue | 93.4 | 362.7 | 210.9 | 72% |
| Further Adj. EBITDA ⁽¹⁾ | 81.6 | 308.0 | 158.5 | 94% |
| CAFD | 28.4 | 56.5 | - | n/a |
| DPS ⁽²⁾ | 0.259 | 0.555 ⁽³⁾ | - | n/a |

(1) Further Adjusted Ebitda includes dividend from preferred equity investment in Brazil.

- (2) Dividend per share amounts are in U.S.\$ per share.
- (3) Includes \$0.2592 dividend per share declared by our Board of Directors on February 23, 2015 and payable on or about March 16, 2015.



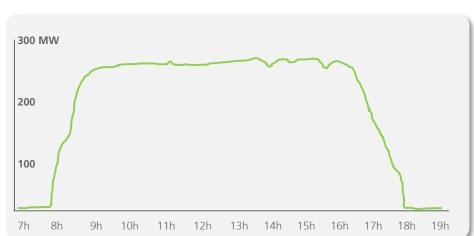
All Segments Performing in Line with Expectations

| North America | | | South America | | | Europe | | | | |
|----------------------------|---------------|----------------|---------------|-------|------------------|--------|--|-------|-----------------|----------|
| \$ Million | FY 14 | FY 13 | Δ | FY 14 | FY 13 | Δ | | FY 14 | FY 13 | Δ |
| Revenues | 195.5 | 114.0 | 72% | 83.6 | 25.4 | 229% | | 83.6 | 71.5 | 17% |
| Further Adjusted EBITDA | 175.4 | 96.7 | 82% | 77.2 | 19.0 | 307% | | 55.4 | 42.8 | 29% |
| EBITDA margin | 89.7 % | 84.8% | | 92.3% | 74.7% | | | 66.3% | 60.0% | |
| | | | | | | | | | | |
| | Rei | newabl | es | Cor | nventio | nal | | Tra | nsmiss | ion |
| \$ Million | Rei FY 14 | newab FY 13 | les ∆ | | nventio FY 13 | onal | | | nsmiss FY 13 | ion A |
| \$ Million Revenues | | | | | | | | | | |
| · | FY 14 | FY 13 | Δ | FY 14 | FY 13 | Δ | | FY 14 | FY 13 | Δ |



- 280MW gross, 250MW net
- Mojave desert, California

- Finished construction in November 2014
- Ramp up as planned
- Reaching 250MW net capacity daily



Other assets, Performance





Agenda

Control Con



ABY Guidance

Guidance for 2015 and 2016

| Million USD | 2014 ⁽¹⁾ | 2015E | 2016E |
|-----------------------|----------------------------|-------|-----------|
| CAFD | 56 | 142 | 171-178 |
| Dividend | 44 | 128 | 154-160 |
| Dividend per share | 0.555 | 1.60 | 1.92-2.00 |

⁽¹⁾ Since IPO (June 2014)







Agenda

3 Details of the Contracted Assets beyond ABY

Concessions in Operation as of Dec. 31, 2014

| Sector | Asset | Country | ABG ownership | COD | Current EBV* | |
|--------|---------------------------------------|-----------|---------------|-----------|--------------|--|
| | Chennai | India | 25% | 2010 | | |
| | Tenes | Algeria | 51% | 2014 | 55.0 | |
| | Skikkda | Algeria | 34% | 2009 | M€ | |
| | Honaine | Algeria | 26% | 2010 | | |
| | Inapreu | Spain | 50% | 2010 | 51.0 | |
| 7 | Other concessions Spain | Spain | 50-100% | 2008 | M€ | |
| | Concecutex | Mexico | 50% | 2010 | IVIE | |
| | ATE IV | Brazil | 75% | 2010 | | |
| - | AET V | Brazil | 100% | 2010 | | |
| | ATE VI | Brazil | 100% | 2010 | 618.8 | |
| | ATE VII | Brazil | 100% | 2009 | | |
| | ATE VIII | Brazil | 50% | 2014 | M€ | |
| | ATE XI | Brazil | 51% | 2013 | | |
| | Norte Brasil | Brazil | 51% | 2014 | | |
| | Spain PV (Copero, Sev, Linares, etc.) | Spain | >90% | 2006-2007 | | |
| | Solnova 1, 3 & 4 | Spain | 100% | 2010 | | |
| | Helioenergy 1&2 | Spain | 50% | 2011 | 973.8 | |
| | SPP1 | Algeria | 51% | 2012 | | |
| | Solaben 1 & 6 | Spain | 100% | 2013 | M€ | |
| | Helios 1 & 2 | Spain | 100% | 2012 | | |
| | Shams | Abu Dhabi | 20% | 2013 | | |
| | Preferred Equity LAT | Brazil | n/a | - | (216) | |
| | Total | | | | 1,483 M€ | |

(*) Total EBV as of December 31, 2014 includes ROFO 2 assets sold to Abengoa Yield during 2015. The ROFO 2 is comprised of a sale of a 20%, 34%, 26% and 20% stakes in Helienergy 1&2, Skikkda, Honaine and Shams, respectively, and ATN2.

Concessions under Construction/Development as of Dec. 31, 2014

| Sector | Asset | Country | ABG ownership | ABY ROFO | COD | Current EBV(*) |
|--------|----------------------|--------------|---------------|----------|---------|----------------|
| | Ghana | Ghana | 56% | 56% | Q1 2015 | |
| | Agadir | Morocco | 51% | 51% | 2017 | 27.1 |
| | SAWS | USA | 45% | 100% | 2019 | M€ |
| | Zapotillo | Mexico | 100% | 100% | 2017 | |
| | A3T | Mexico | 45% | 100% | 2017 | |
| | A4T | Mexico | 45% | 100% | 2018 | 278.6 |
| 7 | Hospital Manaus | Brazil | 60% | - | 2015 | M€ |
| | Uruguay Penitentiary | Uruguay | 100% | - | 2016 | |
| | ATN2 | Peru | 40% | 40% | 2015 | |
| | ATE XVI-XXIV | Brazil | 100% | 100% | 2016-18 | 368.0 |
| | India T&D | India | 51% | - | 2017 | M€ |
| | ATN 3 | Peru | 100% | 100% | 2016 | |
| | Кахи | South Africa | 51% | 51% | Q1 2015 | |
| | Khi | South Africa | 51% | 51% | 2015 | |
| | Ashalim | Israel | 50% | 50% | 2018 | 199.9 |
| | Atacama I | Chile | 45% | 100% | 2016-17 | M€ |
| | Atacama II | Chile | 45% | 100% | 2018 | |
| | Xina | South Africa | 40% | 40% | 2017 | |

Total EBV of Assets under Construction as of Dec. 31 2014 874 M€

ABG ownership for projects to be transferred to APW1 was 100% as of Dec. 31, 2014; however, percentage shown in the table is pro-forma after the APW1 closing

^(*) Total EBV as of December 31, 2014 includes ROFO 2 assets sold to Abengoa Yield during 2015. The ROFO 2 is comprised of a sale of a 20%, 34%, 26% and 20% stakes in Helienergy 1&2, Skikkda, Honaine and Shams, respectively, and ATN2.



Innovative Technology Solutions for Sustainability



ABENGOA

Thank you

April 7 & 9, 2015