

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

SCHEDULE 13D

Under the Securities Exchange Act of 1934  
(Amendment No. 6)\*

**Abengoa Yield plc**

(Name of Issuer)

**Ordinary Shares, nominal value \$0.10 per share**

(Title of Class of Securities)

**G00349103**

(CUSIP Number)

**José Domínguez Abascal  
Campus Palmas Altas  
C/ Energía Solar  
41014, Seville, Spain**

(Name, Address and Telephone Number of Persons  
Authorized to Receive Notices and Communications)

**December 24, 2015**

(Date of Event Which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of Rule 13d-1(e), 13d-1(f) or 13d-1(g), check the following box.  x

\* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page

The information required on this cover page shall not be deemed to be "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Act"), or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

1 Names of Reporting Persons:  
Abengoa Concessions Investments Limited

2 Check the Appropriate Box if a Member of a Group:

(a)

(b)

3 SEC Use Only

4 Source of Funds:  
AF

5 Check Box if Disclosure of Legal Proceedings Is Required Pursuant to Item 2(d) or 2(e):

6 Citizenship or Place of Organization:  
England and Wales

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7 Sole Voting Power  
0

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Number of  
Shares  
Beneficially  
Owned by  
Each  
Reporting  
Person With

8 Shared Voting Power  
41,955,940\*

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9 Sole Dispositive Power  
0

---

10 Shared Dispositive Power  
41,955,940\*

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11 Aggregate Amount Beneficially Owned by Each Reporting Person  
41,955,940\*

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12 Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares:

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13 Percent of Class Represented by Amount in Row (11):  
41.86%\*\*

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14 Type of Reporting Person:  
CO

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\* See Item 5 of this statement on Schedule 13D.

\*\* Based on 100,217,260 ordinary shares in issue as of September 30, 2015 as set forth in the Issuer's Report on Form 6-K (No. 001-36487) filed with the Securities and Exchange Commission on November 6, 2015.

1 Names of Reporting Persons:  
Abengoa Concessions, S.L.

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2 Check the Appropriate Box if a Member of a Group:

(a)

---

(b)

---

3 SEC Use Only

---

4 Source of Funds:  
AF

---

5 Check Box if Disclosure of Legal Proceedings Is Required Pursuant to Item 2(d) or 2(e):

---

6 Citizenship or Place of Organization:  
Kingdom of Spain

---

7 Sole Voting Power  
0

---

Number of  
Shares  
Beneficially  
Owned by  
Each  
Reporting  
Person With

8 Shared Voting Power  
41,955,940\*

---

9 Sole Dispositive Power  
0

---

10 Shared Dispositive Power  
41,955,940\*

---

11 Aggregate Amount Beneficially Owned by Each Reporting Person  
41,955,940\*

---

12 Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares:

---

13 Percent of Class Represented by Amount in Row (11):  
41.86%\*\*

---

14 Type of Reporting Person:  
CO, HC

---

\* See Item 5 of this statement on Schedule 13D.

\*\* Based on 100,217,260 ordinary shares in issue as of September 30, 2015 as set forth in the Issuer's Report on Form 6-K (No. 001-36487) filed with the Securities and Exchange Commission on November 6, 2015.

1 Names of Reporting Persons:  
Abengoa Solar, S.A.

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2 Check the Appropriate Box if a Member of a Group:

(a)

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(b)

---

3 SEC Use Only

---

4 Source of Funds:  
AF

---

5 Check Box if Disclosure of Legal Proceedings Is Required Pursuant to Item 2(d) or 2(e):

---

6 Citizenship or Place of Organization:  
Kingdom of Spain

---

7 Sole Voting Power  
0

---

Number of  
Shares  
Beneficially  
Owned by  
Each  
Reporting  
Person With

8 Shared Voting Power  
41,955,940\*

---

9 Sole Dispositive Power  
0

---

10 Shared Dispositive Power  
41,955,940\*

---

11 Aggregate Amount Beneficially Owned by Each Reporting Person  
41,955,940\*

---

12 Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares:

---

13 Percent of Class Represented by Amount in Row (11):  
41.86%\*\*

---

14 Type of Reporting Person:  
CO, HC

---

\* See Item 5 of this statement on Schedule 13D.

\*\* Based on 100,217,260 ordinary shares in issue as of September 30, 2015 as set forth in the Issuer's Report on Form 6-K (No. 001-36487) filed with the Securities and Exchange Commission on November 6, 2015.

1 Names of Reporting Persons:  
Abengoa, S.A.

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2 Check the Appropriate Box if a Member of a Group:

(a)

---

(b)

---

3 SEC Use Only

---

4 Source of Funds:  
WC

---

5 Check Box if Disclosure of Legal Proceedings Is Required Pursuant to Item 2(d) or 2(e):

---

6 Citizenship or Place of Organization:  
Kingdom of Spain

---

7 Sole Voting Power  
0

---

Number of  
Shares  
Beneficially  
Owned by  
Each  
Reporting  
Person With

8 Shared Voting Power  
41,955,940\*

---

9 Sole Dispositive Power  
0

---

10 Shared Dispositive Power  
41,955,940\*

---

11 Aggregate Amount Beneficially Owned by Each Reporting Person  
41,955,940\*

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12 Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares:

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13 Percent of Class Represented by Amount in Row (11):  
41.86%\*\*

---

14 Type of Reporting Person:  
CO, HC

---

\* See Item 5 of this statement on Schedule 13D.

\*\* Based on 100,217,260 ordinary shares in issue as of September 30, 2015 as set forth in the Issuer's Report on Form 6-K (No. 001-36487) filed with the Securities and Exchange Commission on November 6, 2015.

Amendment No. 4 to the Original Schedule 13D filed on October 29, 2015 (“**Amendment No. 4**”) and the Amendment No. 5 to the Original Schedule 13 (together with the Original Schedule 13D, Amendment No. 1, Amendment No. 2, Amendment No. 3, Amendment No. 4 and this Amendment No. 6, the “**Schedule 13D**”) and is jointly filed by the Reporting Persons (as defined in the Original Schedule 13D) with respect to the ordinary shares of Abengoa Yield plc, nominal value of \$0.10 per share (the “**Ordinary Shares**”). Unless otherwise indicated, each capitalized term used but not otherwise defined herein shall have the meaning ascribed to such term in the Original Schedule 13D. This Amendment No. 6 amends the Original Schedule 13D, Amendment No. 1, Amendment No. 2, Amendment No. 3, Amendment No. 4 and Amendment No. 5 as specifically set forth herein.

This Amendment No. 6 is being filed by the Reporting Persons to report that, as of the date hereof, Abengoa has delivered an aggregate of 7,197,362 Ordinary Shares to certain holders of the 5.125% Exchangeable Notes due 2017 (the “**Exchangeable Notes**”) that have exchanged their Exchangeable Notes pursuant to the terms of the fiscal agency agreement dated March 5, 2015 between Abengoa and Citibank N.A., London Branch (the “**Exchangeable Settlement**”). As of the date of this Amendment No. 6, Abengoa expects to deliver an additional 359,836 Ordinary Shares on the applicable settlement dates to certain holders of the Exchangeable Notes that have delivered a notice to exchange.

This Amendment No. 6 is also being filed to disclose a pledge of Ordinary Shares pursuant to two secured financing agreements.

#### **Item 5. Interest in Securities of the Issuer.**

As a result of the Exchangeable Settlement, Item 5 of the Schedule 13D is hereby amended and restated as follows:

(a) As of December 31, 2015, ACI is the direct beneficial owner of 41,955,940 Ordinary Shares and the Reporting Persons beneficially own 41.86% of the Ordinary Shares.

The following persons listed on Schedule A beneficially own the number of Ordinary Shares of the Issuer indicated: Ricardo Hausmann (280 Ordinary Shares), Jesus Garcia Quilez (3,900 Ordinary Shares) and Alfonso González Domínguez (4,690 Ordinary Shares).

(b) As of December 31, 2015, Abengoa, Abengoa Concessions and Abengoa Solar through their ownership of ACI, may be deemed to share voting and dispositive power over the 41,955,940 Ordinary Shares beneficially owned by ACI.

(c) Except for the Exchangeable Settlement, no Reporting Person has effected any transactions in the Ordinary Shares during the past sixty days. To the knowledge of the Reporting Persons, none of the directors and officers of the Reporting Persons listed in Schedule A to this Schedule 13D effected any transactions in the Ordinary Shares during the past sixty days.

(d) Other than the Reporting Persons, no person is known to have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, the Reporting Persons’ securities.

(e) Not applicable.

#### **Item 6. Contracts, Arrangements, Understandings or Relationships with Respect to Securities of the Issuer.**

Item 6 of the Schedule 13D is hereby (i) amended by replacing the paragraphs under the headings “Exchangeable Notes” and “Secured Term Facility Agreement” with the paragraphs below and (ii) supplemented by adding the paragraphs under the heading “Secured Financing Agreements.”

##### *Exchangeable Notes*

On February 26, 2015, Abengoa sold an aggregate of \$279,000,000 principal amount of 5.125% Exchangeable Notes due 2017 (the “**Exchangeable Notes**”). The Exchangeable Notes are exchangeable, at the option of the holders of the Exchangeable Notes, for Ordinary Shares that are beneficially owned by the Reporting Persons. The Exchangeable Notes were issued by Abengoa pursuant to a fiscal agency agreement dated March 5, 2015 between Abengoa and Citibank N.A., London Branch (the “**Fiscal Agency Agreement**”). As of the date hereof, Abengoa has delivered an aggregate of 7,197,362 Ordinary Shares to holders that exercised their option to exchange Exchangeable Notes and Abengoa expects to deliver an additional 359,836 Ordinary Shares on the applicable settlement dates to certain holders of the Exchangeable Notes that have delivered a notice to exchange. As of December 31, 2015, there were 54,918.73 Ordinary Shares subject to delivery to holders of the Exchangeable Notes upon exchange of the outstanding Exchangeable Notes.

##### *Secured Term Facility Agreement*

On October 22, 2015, ACI entered into a Secured Term Facility Agreement (the “**TCL Facility Agreement**”) with Talos Capital Limited (“**TCL**”), pursuant to which it is required to enter into related security documents (collectively, the “**TCL**

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**Loan Documents**”). ACI is entitled to borrow up to \$130,000,000 (the “**TCL Loan Amount**”) under the Facility Agreement. Under the terms of the Loan Documents, ACI has pledged and granted a security interest in 14,000,000 Ordinary Shares of the Issuer (the “**TCL Pledged Shares**”), in favor of TCL as security for the TCL Loan Amount and its obligations under the TCL Loan Documents. The loan will mature 24 months following the date of the TCL Facility Agreement, but upon the exercise of certain events that are customary for this type of loan, TCL may exercise its right to require ACI to repay all or part of the TCL Loan Amount, post additional collateral or foreclose on, and dispose of, the TCL Pledged Shares in accordance with the TCL Loan Documents.

##### *Secured Financing Agreements*

On September 23, 2015, Abengoa entered into a €165 million financing agreement (the “**September Financing Agreement**”) with Banco de Sabadell, S.A., Banco Popular Español, S.A., Banco Santander, S.A., Bankia, S.A. and CaixaBank, S.A., as original lenders (collectively, the “**September Lenders**”). As of the date hereof, Abengoa has borrowed €125,000,000 (the “**September Loan Amount**”) under the September Financing Agreement. Borrowings under the September Financing Agreement mature on September 26, 2016. The September Loan Amount is guaranteed by ACI.

On December 24, 2015, ACI entered into a €106 million secured loan facility agreement (the “**December Facility Agreement**”) with Banco de Sabadell, S.A., Banco Popular Español, S.A., Banco Santander, S.A., Bankia, S.A. and CaixaBank, S.A., Crédit Agricole Corporate and Investment Bank, Sucursal en España, HSBC Bank plc Sucursal en España and Instituto de Crédito Oficial, as original lenders (collectively, the “**December Lenders**”). ACI is entitled to borrow up to €106,000,000 (the “**December Loan Amount**”) under the December Facility Agreement. Borrowings under the December Facility Agreement mature on March 17, 2016.

On December 24, 2015, ACI entered into security documents relating to the September Financing Agreement and the December Facility Agreement (the “**Security Agreements**”). As security for its the obligations under the Security Agreements, ACI pledged and granted a security interest in (i) 8,196,245 Ordinary Shares of the Issuer in favor of the September Lenders as security for the September Loan Amount (the “**September Financing Pledged Shares**”) and (ii) 17,334,598 Ordinary Shares of the Issuer in favor of the December Lenders as security for the December Loan Amount (the “**December Financing Pledged Shares**”).

Upon the exercise of certain events that are customary for these types of loans, the applicable lenders under the September Financing Agreement and the December Facility Agreement may exercise their right to require the obligors to repay all or part of the September Loan Amount or the December Loan Amount, as applicable, post additional collateral or foreclose on, and dispose of, the September Financing Pledged Shares or the December Financing Pledged Shares, as applicable, in accordance with the Security Agreements.

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## SIGNATURES

After reasonable inquiry and to the best of my knowledge and belief, the undersigned certifies that the information set forth in this statement is true, complete and correct.

Dated: December 31, 2015

ABENGOA, S.A.

By: /s/ José Dominguez Abascal  
 Name: José Dominguez Abascal  
 Title: Executive Chairman

ABENGOA CONCESSIONS, S.L.

By: /s/ Joaquin Fernandez de Piérola  
 Name: Joaquin Fernandez de Piérola  
 Title: Chairman

ABENGOA SOLAR, S.A.

By: /s/ Armando Zuluaga Zilberman  
 Name: Armando Zuluaga Zilberman  
 Title: Chief Executive Officer

ABENGOA CONCESSIONS INVESTMENTS LIMITED

By: /s/ Joaquin Fernandez de Piérola  
 Name: Joaquin Fernandez de Piérola  
 Title: Chairman

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Schedule A

## INFORMATION REGARDING THE INSTRUCTION C PERSONS

The following sets forth the name, position, address, principal occupation and citizenship of each director and executive officer of the applicable Reporting Persons.

### DIRECTORS OF ABENGOA, S.A.

Name	Principal Occupation or Employment	Business Address	Citizenship
José Domínguez Abascal	Executive Chairman of Abengoa, S.A.	(1)	Spain
Antonio Fornieles Melero	Vice chairman and lead independent director of Abengoa, S.A.	(1)	Spain
Joaquín Fernández de Piérola Marín	Director of Abengoa, S.A.	(1)	Spain
Javier Benjumea Llorente	Director of Abengoa, S.A. Chairman of the International Advisory Board of Abengoa, S.A.	(1)	Spain

José Joaquín Abaurre Llorente	Industrial Engineer. Director of Abengoa, S.A.	(1)	Spain
José Luis Aya Abaurre	Technical Engineer in Agriculture. Director of Abengoa, S.A.	(1)	Spain
José Borrell Fontellés	Professor of Introduction to Economic Analysis at Madrid's Universidad Complutense	(1)	Spain
Mercedes Gracia Díez	Professor of Econometrics at Madrid's Universidad Complutense and at Centro Universitario de Estudios Financieros	(1)	Spain
Ricardo Martínez Rico	President and CEO of Equipo Económico	(1)	Spain
Claudi Santiago Ponsa	Officer of First Reserve Corporation	(1)	Spain
Ignacio Solís Guardiola	Regional Director for private banking of Lloyds Bank	(1)	Spain
Alicia Velarde Valiente	Notary	(1)	Spain
Ricardo Hausmann	Director of the Centre for International Development and a Professor at Harvard University	(1)	Venezuela

#### EXECUTIVE OFFICERS OF ABENGOA, S.A.

Name	Principal Occupation or Employment	Business Address	Citizenship
José Domínguez Abascal	Executive Chairman	(1)	Spain
Joaquín Fernández de Piérola Marín	Director of Abengoa, S.A.	(1)	Spain
Jesús Ángel García-Quilez Gómez	Chief Financial Officer	(1)	Spain
Ignacio García Alvear	Co-Chief Financial Officer, responsible for Investor Relations & Capital Markets	(1)	Spain
Alfonso González Domínguez	Engineering and Construction and South America Executive VP	(1)	Spain
Armando Zuluaga Zilbermann	Solar Executive VP	(1)	Spain
Carlos Cosín Fernández	Water Executive VP	(1)	Spain
Álvaro Polo Guerrero	Human Resources Director	(1)	Spain
Luis Fernández Mateo	Director of Organization, Quality and Budgets	(1)	Spain
Juan Carlos Jiménez Lora	Director of Planning and Control	(1)	Spain
Germán Bejarano García	Assistant CEO, International Institutional Relations Director	(1)	Spain
Daniel Alaminos Echarri	General Secretary	(1)	Spain
Luis Enrique Pizarro Maqueda	Chief Audit Officer	(1)	Spain
Enrique Borrajo Lovera	Consolidation and Reporting Officer	(1)	Spain
Miguel Ángel Jiménez-Velasco Mazarío	Compliance Officer	(1)	Spain
Enrique Aroca Moreno	Chief Information Officer	(1)	Spain
Manuel Doblaré Castellano	Abengoa Research General Director	(1)	Spain
Antonio Vallespir	Biofuels Executive VP	(1)	Spain

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(1) Campus Palmas Altas, Calle Energía Solar, No. 1, 41014 Seville, Spain.

#### ABENGOA SOLAR, S.A.

#### EXECUTIVE OFFICERS(2)

Name	Principal Occupation or Employment	Business Address	Citizenship
Armando Zuluaga Zilbermann	Solar Executive VP, Abengoa, S.A.	(1)	Spain
Chief Executive Officer	CEO of Abengoa Solar, S.A.		
Fernando de las Cuevas Terán	General Counsel of Abengoa Solar, S.A.	(1)	Spain
Secretary to the Board and General Counsel			
Javier Albarracín	CFO of Abengoa Solar, S.A.	(1)	Spain
Chief Financial Officer			
David Fernández	COO of Abengoa Solar, S.A.	(1)	Spain
Chief Operating Officer			

(1) Campus Palmas Altas, Calle Energía Solar, No. 1, 41014 Seville, Spain.

(2) The sole director of Abengoa Solar, S.A. is Abengoa S.A.

#### ABENGOA CONCESSIONS, S.L.

#### DIRECTORS AND EXECUTIVE OFFICERS

Name	Principal Occupation or Employment	Business Address	Citizenship
Joaquín Fernández de Piérola	Director of Abengoa, S.A.	(1)	Spain
Chairman			
Jesús Ángel García-Quilez	Chief Financial Officer, Abengoa, S.A.	(1)	Spain
Member			
Daniel Alaminos Echarri	General Secretary, Abengoa, S.A.	(1)	Spain
Secretary			



(1) Campus Palmas Altas, Calle Energía Solar, No. 1, 41014 Seville, Spain.

**ABENGOA CONCESSIONS INVESTMENTS LIMITED**

**DIRECTORS AND EXECUTIVE OFFICERS**

<b>Name</b>	<b>Principal Occupation or Employment</b>	<b>Business Address</b>	<b>Citizenship</b>
Joaquin Fernandez de Piérola Chairman	Director of Abengoa, S.A.	(1)	Spain
Jesús Ángel Garcia-Quílez Member	Chief Financial Officer, Abengoa, S.A.	(1)	Spain
Juan Carlos Jiménez Lora Secretary	Director of Planning and Control, Abengoa, S.A.	(1)	Spain

(1) Campus Palmas Altas, Calle Energía Solar, No. 1, 41014 Seville, Spain.