

02. Abengoa today

Where we are and where we are going

Following a lengthy process of restructuring, the company has been able **to resume its activity and continue to generate value through this**.

During 2017, the organisation has furthered its strategic objective of prioritising turnkey engineering projects (EPC) in which the company has technical expertise (know-how), as well as consolidated knowledge to adapt to the company's new situation.

Nevertheless, Abengoa continues to take part in concession-type projects, minimising capital investment by signing agreements with strategic partners in which it participates with a minimum investment and mainly performs the engineering and construction of the project.

It should be noted that in November the company signed an agreement with **Algonquin Power & Utilities Corp** for **the sale of 25 % of Atlantica Yield plc**, a project that was part of the company's feasibility plan. This operation is not only divestiture operation but also has a marked strategic nature with huge future value for Abengoa given that they undertook the **incorporation of a new company** whose objective would be the **international development** and the **construction of energy and water infrastructures: Abengoa-Algonquin Global Energy Solutions (AAGES)**.

The creation of AAGES will therefore mean **new opportunities** for Abengoa, given that Abengoa will have **exclusive rights to develop both the Engineering**, **Procurement and Construction** as well as the **Operation and Maintenance (O&M)** of all the projects carried out by AAGES, as well as a **preferential right for the EPC** of the other projects developed by APUC. Moreover, this partnership makes it possible to speed up the construction and sale of concession-type assets from Abengoa to Atlantica Yield, currently under the ROFO (Right Of First Offer) agreements, which will be another step in the divestment plan of Abengoa.

Main figures 102-07, 201-1

In 2017 Abengoa had sales of €M 1,480, 2 % lower than in 2016, and an EBITDA of €M 127, 153 % higher than 2016, which highlights the operational recovery of the activity.

2017	2016	Var (%)
1,480	1,510	(2)
127	(241)	153
9	(16)	2
4,278	(7,629)	156
6,359	9,914	(36)
(2,408)	(6,780)	64
3,254	7,237	(55)
0.01	0.19	(95)
218	195	12
6	5	24
	1,480 127 9 4,278 6,359 (2,408) 3,254 0.01 218	1,480 1,510 127 (241) 9 (16) 4,278 (7,629) 6,359 9,914 (2,408) (6,780) 3,254 7,237 0.01 0.19 218 195

Areas of activity and geographic regions

The breakdown by business activity of turnover and EBITDA at the close of the 2017 and 2016 financial years is the following:

	Reve	nue	EBI	TDA
Concept	2017	2016	2017	2016
Engineering and construction (k€)				
Engineering and construction	1,316,624	1,367,278	24,904 (*)	(326,653) ^(*)
Total	1,316,624	1,367,278	24,904	(326,653)
Concession-type infrastructure (k€)				
Solar	60,160	37,141	43,902	21,492
Water	46,883	58,932	31,257	40,722
Transmission lines	_	1,447	_	(221)
Cogeneration and other	56,101	45,255	26,868	23,442
Total	163,144	142,775	102,027	85,435
Total	1,479,768	1,510,053	126,931	(241,218)

(*) Includes construction cost provisions of projects given the situation of the Company for an amount of € 245 million at December 31, 2016 and fees by independent professional services advisors to the restructuring process for an amount of € 52 million at December 31, 2017. (€ 55 million in 2016).

Key figures 2017







2.5 GW completed in solar energy and 212 MW of wind energy



+ 27,000 km of transmission and distribution lines developed worldwide and more than 330 substations built in the last 15 years



395 patents granted and applied for since 2008

+ 1.5 Mm³/day of installed desalination capacity and 525,000 m³/day under construction

Ŕ Water treatment $\left(\right)$ Solar ى Combined cycle Wind farm Engineering and construction ()Transmission line

Map of economic impact and contribution to progress 102-6

North America		South
Sales (€k)	194,947	Sales (*
Employees	328	Emplo
Local suppliers (%)	95.04	Local s
Local purchases (€k)	18,751	Local p
Taxes paid (€k)	4,891	Taxes p

outh America	
ales (€k)	370,101
mployees	8,075
ocal suppliers (%)	95.15
ocal purchases (€k)	352,310
ixes paid (€k)	115,938

Spain	
Sales (€k)	47,385
Employees	2,811
Local suppliers (%)	82.88
Local purchases (€k)	599,788
Taxes paid (€k)	24,534

Europe	
Sales (€k)	148,370
Employees	260
Local suppliers (%)	91.96
Local purchases (€k)	167,786
Taxes paid (€k)	199

Rest of the world	
Sales (€k)	618,965
Employees	994
Local suppliers (%)	85.62
Local purchases (€k)	327,170
Taxes paid (€k)	7,624

Pillars of the future

Abengoa will base its future growth on two of its **main strengths**: excellence in its **technical capabilities** and **international positioning**. Accordingly, in this new stage Abengoa will focus its efforts on the organisation's key activities, where it has a solid and **consolidated experience**:



Abengoa is a company with a long-term sustainable vision that has an offer that covers the entire value chain, from design or construction to subsequent operation and maintenance.

The main demographic indicators show that the increase of the population, the growth of cities, the improvement to the quality of life, as well as the demand for new infrastructures are already a reality. For that reason the company focuses its main strategic activities on responding to **growing needs in terms of energy and water provision of an increasingly demanding society**.

Moreover, **Abengoa's firm commitment to renewable energies** is supported by the need for a greater preponderance of these in the energy mix to respond to the challenges that countries have to avoid increasing emissions, complying with commitments acquired by the vast majority of countries in the Paris Climate Agreement.

In this context, the organisation is in a **good market position** to **respond** to **global challenges** through **innovative renewable energy and infrastructure projects**, leading the transition towards a carbon-free energy model, whilst contributing to improving the life quality of the societies in which it is present. This is possible thanks to the trajectory and experience of a competitive company in the sector, with a workforce that shares the conviction of contributing to sustainable development.

From the strategic point of view, Abengoa focuses its efforts on the implementation of **six fundamental principles**:

- > Commitment to health and safety: "Zero accidents"
- Focus the business on the main technologies using consolidated knowledge and capabilities
- Prioritise the main geographical where business exists in order to capture new opportunities
- > Limit the size of projects to reduce risks
- > Focus the organisation's activity on EPC to limit the financial risk
- > Introduce a **new organisational model** to gain competitiveness

As a result of the new strategy, **Abengoa has organised its activity in four areas**, responsible for carrying out business development, bids, engineering and project execution:

Energy	Water	Transmission & Distribution	Services
Generation of conventional and renewable	conventional for municipal and	Main international contractor in the medium-, high-	Service providers for infrastructures
energy	Excellent technical	and ultra-high voltage segments	in the transmission,
Engineering, construction,	capabilities and global positioning Proven experience in desalination	More than	water, renewable and
start-up and operation and maintenance		peration and Proven experience tr naintenance in desalination a	27,000 km of transmission lines and more than 330 substations
9 GW of installed capacity in	wastewater treatment plants, and hydraulic	built in the last 15 years	Optimisation of Operation and
conventional generation	infrastructures	It includes the railway industry,	Maintenance, improving production
Pioneers in solar thermal technology with more than 2 GW in operation	million m ³ /day in desalination and 1.8 million m3/ day of purified water	with more than 2,300 km of electrified rails and 80 developed substations	25 years' average life in current contracts

Presence in the world 102-3, 102-4, 102-6

With its headquarters in Seville (Spain), Abengoa operates in 48 countries through 456 companies, subsidiaries, investee companies, facilities and

offices. The company continues to execute projects in the US, Mexico, South America, Europe, Africa, the Middle East, Turkey and India.



- > Canada > USA
- > Mexico

- > Argentina > Brazil
- > Chile Colombia >
- > Costa Rica
- Nicaragua
- Panama
- Peru
- Uruguay

Europe				
Belgium	>	Poland		
Denmark	>	Portugal		
France	>	Serbia		
Germany	>	Spain		
Ireland	>	Switzerland		
Italy	>	Turkey		
Lithuania	>	Ukraine		
Netherlands	>	United		
Norway		Kingdom		

		Asia	
> > > > >	China India Israel Japan Kuwait Malaysia Nepal	>	Oman Russia Saudi Arabia Sri Lanka United Arab Emirates

> Angola > Algeria

Oceania

Australia

- > Ghana
- > Kenya
- > Morocco
- > South Africa

List of countries where there are personnel or sales during the period.

Projects Awards

Since the beginning of 2017, significant milestones have been achieved in support of Abengoa's viability. Abengoa has been awarded new projects for an approximate value of \in M 1,400 in 2017.

Facility		Characteristics	Location
	Agadir	275,000 m ³ /day desalination plant for drinking water supply	Morocco
\bigcirc	Shuaiba III	250,000 m ³ /day desalination plant for drinking water supply	Saudi Arabia
	Desalination plants	Desalination plants for a total of 164,000 m ³ /day of drinking water	Oman and Tunisia

Facility		Characteristics	Location	
	Network trail	5-year contract for the electrification and maintenance of 250 km of railway lines in the south of England	United Kingdom	
	Los changos- Kimal	Construction of 140 km transmission line and two substations		
	InterAndes Substation	High voltage line of 345 kV and construction of a new electric substation in the south of the province of Jujuy	Chile	
	25 de mayo	Voltage transformation station	Argentina	

Facility	Characteristics	Location
Fulcrum	10 mgal/year biofuel from Municipal Solid Waste (MSW) in the USA	USA

Facility		Characteristics	Location
×	Lieja Hospital	Mechanical installations: air conditioning, ventilation, building management system and associated electrical installations	Belgium

Pipeline Awards

Abengoa has a pipeline with projects identified for an amount exceeding 36 billion euros.





Pipeline by technology



Services Generation

■ Water ■ Transmission and infrastructure





■ < 100 ■ 100 - 500 ■ > 500

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Sale of assets

The sale of assets is one of the objectives within the strategic plan that contributes to improving the liquidity of the Abengoa group:

	Bioenergy USA	1 G & 2 G bioethanol	~
	Bioenergy Europe	1 G bioethanol	~
	AB San Roque	Biodiesel	~
	Bioenergy Brazil	1 G bioethanol. Judicial rehabilitation	Ongoing
	Khi	50 MW CSP - tower in South Africa	Ongoing
$(\mathbf{O}_{\mathbf{V}})$	Xina	100 MW - trough in South Africa	
	SPP1	150 MW hybrid CC+CSP in Algeria	
	Accra	60,000 m³/day in Ghana	Ongoing
	Tenés	200,000 m ³ /day in Algeria	
	Chennai	100,000 m³/day in India	Ongoing
\frown		9,750 km in Brazil	
	Brazil T&D	In operation: acquired by TPG	~
		In construction: juditial rehabilitation	Ongoing
	ATN3	355 km transmission line, in Peru	Ongoing
Z	Norte III	924 MW combined cycle in Mexico	~
	Hospital Manaus	300-bed hospital in Brazil	
\mathcal{K}	Real Estate	Various assets	Ongoing

Major milestones of 2017



Sustainability as an activity axis

The company continues to **maintain sustainability as the axis of its strategy**, so it is essential to adapt the structure to the new reality. At the same time, major efforts must be made to **recover the confidence of the markets, the credibility of our customers and the dialogue with our suppliers**.

All this will be done on the basis of a strategic plan that will oversee the lines of action to be introduced by the company in this new situation.



Sustainable Development Goals (SDGs)

All the projects included in our business are focused on offering sustainable solutions in order to achieve several sustainable development goals.



SDG6: Desalination activity. Goals 6.1, 6.4, 6.a and 6.b (https://www.un.org/sustainabledevelopment/water-and-sanitation/).

SDG7: Activity in renewable energy and transmission. Goals 7.1, 7.2, 7.3 and 7.b (https://www.un.org/sustainabledevelopment/energy/)

SDG9: Build resilient infrastructures, promote inclusive and sustainable industrialisation and foster innovation. Goals 9.1, 9.4 and 9.5 (https://www.un.org/sustainabledevelopment/infrastructure-industrialization/)

SDG11: Through our business orientation. Goals 11.3, 11.6 and 11.b (https://www.un.org/sustainabledevelopment/cities/).