

## **Abengoa receives final acceptance of works for a new desalination plant in Algeria**

- The facility has the capacity to desalinate 200,000 m<sup>3</sup>/day of sea water.
- It is the third desalination plant Abengoa has built in this country, and all three facilities enable more than 2.5 million people to be supplied with drinking water.

November 20, 2017 – Abengoa (MCE: ABG/P:SM), the international company that applies innovative technology solutions for sustainability in the energy and environment sectors, has received final acceptance for the Ténès desalination plant in Algeria, the third facility of this kind that the company has developed in this country.

Since Abengoa received the provisional reception of works in February 2015, the plant has been operating satisfactorily in accordance with the established requirements. Once the final acceptance has been signed, Abengoa will continue to carry out the operation and maintenance of the plant for a period of 25 years.

The Ténès desalination plant has a capacity of producing 200,000 m<sup>3</sup>/day of drinking water by reverse osmosis from sea water. This, in turn, will supply the city of Wilaya de Chlef, in the north-west of the country, some 200 km west of Algiers, on the Mediterranean coast, thus helping to counter the water scarcity problems in this area.

In addition, the plant features a system to generate electricity sustainably by taking advantage of the brine surplus in the reverse osmosis process, which allows the facility's energy consumption to be reduced. Another environmental innovation that has been introduced by this plant is the CO<sub>2</sub> production equipment from natural gas for the remineralization of the water prior to entering the water grid. This makes the water less corrosive after the reverse osmosis process.

Thanks to this project, Abengoa responds to the Strategy for Water in the Western Mediterranean, which sees a total of 10 countries, including Algeria and Spain, uniting efforts to adopt a common policy that allows the foundations to be laid in order to ensure the sustainable sanitation and supply of water for everyone.

# ABENGOA

Innovative technology solutions for **sustainability**

Ténès is the third desalination plant that Abengoa has built in Algeria, together with Skikda (100,000 m<sup>3</sup>/day, operating since 2010) and Honaine (200,000 m<sup>3</sup>/day, completed in 2011). All three of them together produce 500,000 m<sup>3</sup>/day of drinking water for the country, which is enough to supply a population of 2.5 million people. Abengoa has become a reference in the desalination sector having built plants that, when added together, have a total capacity of more than 1.5 million m<sup>3</sup>/day.

## About Abengoa

Abengoa (MCE: ABG/P:SM) applies innovative technology solutions for sustainability in the infrastructures, energy and environment sectors. ([www.abengoa.com](http://www.abengoa.com))

### Communication department:

Marián Ariza.

Tel. +34 954 93 71 11

E-mail: [communication@abengoa.com](mailto:communication@abengoa.com)

### Investors Relation &

### Capital market:

Izaskun Artucha.

Tel. +34 954 93 71 11

E-mail: [ir@abengoa.com](mailto:ir@abengoa.com)

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