

# ABENGOA

Innovative technology solutions for **sustainability**

## **Abengoa signs a desalination research partnership in Abu Dhabi**

- This research partnership is part of the pilot project that Abengoa is developing with the Masdar company

January 28, 2015 - Abengoa (MCE: ABG.B /NASDAQ: ABGB), the company that applies innovative technology solutions for sustainability in the energy and environment sectors, has recently signed a research partnership agreement with the Masdar Institute and the Abu Dhabi Future Energy Company (Masdar company).

The objective of this research project is to optimize the technology of membrane distillation for the treatment of reverse osmosis brines. The accomplishment of this objective would improve the water recovery and productivity of seawater reverse osmosis plants, while reducing the volume of brine discharge, increasing the environmental sustainability of the whole desalination process.

Within this framework, Abengoa is currently developing a seawater reverse osmosis pilot scale project located in Ghantoot city, in Abu Dhabi's border with Dubai. This pilot plant will have a capacity of producing 1,000 m<sup>3</sup>/d of desalted water using a hybrid system consisting in reverse osmosis in combination with an innovative membrane distillation system.

Abengoa, is a technology-driven global water company with a total water treatment capacity of over 5 Mm<sup>3</sup>/d all over the world, out of which 1.5 M m<sup>3</sup>/d are of water desalination, making Abengoa a global reference in the desalination market.

This research partnership will consolidate Abengoa's commitment to R&D with the aim to improve the performance of existing products in the water market and the development of completely new technologies that solve problems in the water market.

### **About Abengoa**

Abengoa (MCE: ABG.B/P SM /NASDAQ: ABGB) applies innovative technology solutions for sustainability in the energy and environment sectors, generating

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electricity from renewable resources, converting biomass into biofuels and producing drinking water from sea water. ([www.abengoa.com](http://www.abengoa.com))

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