

Borouge supplies PE100 piping for Egypt sugar refinery

Borouge will supply raw materials for JPIS to produce polyethylene pipes ranging from 32mm to 600 mm in diameter for more than 700 pivot systems

by Anup Oommen January 21, 2022

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Borouge, which is a leading petrochemical company that provides plastics solutions, is supplying its raw materials to the Egypt-based Emirati Jenaan Pipes & Irrigations Systems company (JPIS) to manufacture irrigation pipe systems for one of the world's largest sugar refineries in Egypt.

JPIS has already started installing its pipes which were manufactured using Borouge's BorSafe™ HE3490 LS PE100 materials which eliminate water leakage from irrigation systems.

The sugar refinery is scheduled to be operational in June 2022. The strategic partnership between Borouge and JPIS, supported by the Abu Dhabi Exports Office (ADEx) funds, will not only reinforce the UAE's export economy as part of the country's National Economic

Diversification Strategy, but will also support the Egyptian economy and food security needs.

JPIS produces polyethylene pipes ranging from 32mm to 600 mm in diameter for more than 700 pivot systems. The water will be drawn from wells drilled into the Nubian aquifer to irrigate an area of 76,000ha, to produce 2.5 million tonnes of sugar beetroot annually.

Borouge supplying irrigation systems

In February 2021, ADEX, the export-financing arms of Abu Dhabi Fund for Development (ADFD), signed a \$6mn (AED22mn) loan agreement with **JPIS** to enable it to import raw materials from Borouge in order to manufacture and supply irrigation systems to one of the world's largest sugar refineries situated in Egypt.

Once operational, the new sugar refinery will produce between 170,000 to 1 million tonnes of sugar. The project is very important and strategic for Egypt because it will contribute to reducing Egypt's reliance on sugar imports by 80%.

The senior vice president for Middle East and Africa Exports at Borouge, Khalfan AlMuhairi, said: "We are delighted with the strategic partnership between Borouge and Jenaan Pipes & Irrigation Systems supported by ADEX, which facilitates exporting our Made in UAE products to supply local and global partners.

"We ensure collaboration with worldwide partners across the value chain to fulfil their demands and to introduce new solutions for their production requirements that meet the qualified standards."

The agreement is an integral part of ADEX's core strategy to help national companies to expand their footprint and support the UAE's economic diversification effort.