

ALGERIA: GNL-Z3 ARZEW PROJECT

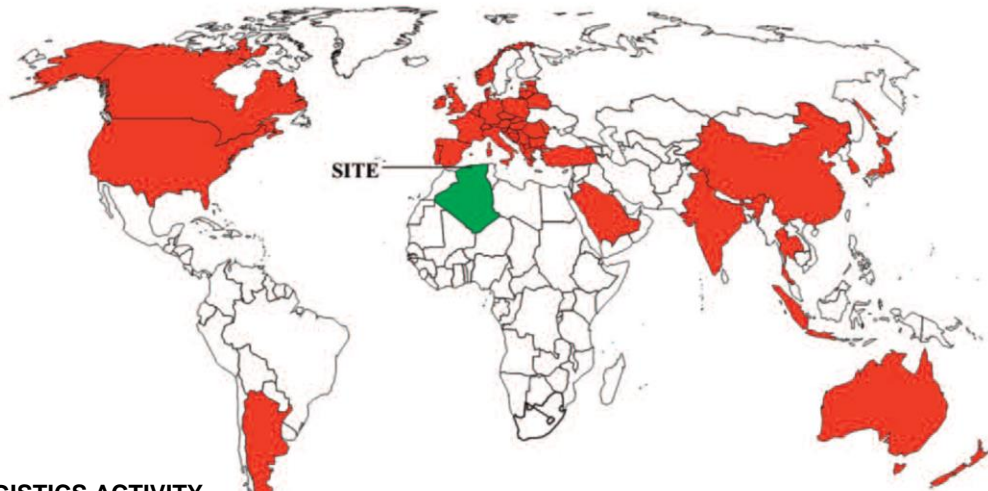
PROJECT	EQUIPMENT	WEIGHT
PETROC	STRAND JACK AND TOWERS- SPMTs - CRAWLER & GANTRY CRANES - H/L SHIP	UP TO 1150 TON

Fagioli were awarded to perform the transport, lifting and installation of reactors, columns, vessels and general cargo (about 400,000 cubic meters) for the GNL-3Z gas plant at Arzew, one of the biggest in Algeria. The project was a blend of freight forwarding, shipping, heavy transport and lifting activities with the use of Fagioli state-of-the-art equipment and specialized personnel.

HEAVY TRANSPORT AND LIFTING ACTIVITY

Fagioli were involved in the chartering of dedicated H/L ships for the transport of the main vessels. Items moved and hoisted weighted up to 1150 ton. One of these challenging operations is reported in these pictures showing the transport of a 970 ton column with an overall length of 53 mts from quay unloading port up to site, the lifting of the item by means of towerlift and strand jacks system (supported by Fagioli crawler crane LR 1750) and final positioning with a 20 degrees rotation. For the transport operation Fagioli used 36 axle line SPMTs with a tailing frame connected to the item skirt. The main equipment used for the erection was a tower system composed by two towers and two crosshead beams on top; a jacking unit composed by two jack support beams equipped with n.° 4 L600 strand jacks; a rigging unit, a 750 ton capacity crawler crane. Group-owned equipment used for the project : -SPMTs trailers -Crawler cranes LR 1750 - LR 1300 - LTM 1100 -Tower lift and strand jacking system -Self-g geared H/L ship





PROJECT LOGISTICS ACTIVITY

Fagioli were also in charge for the shipment, freight forwarding and consignment activity of the material originating from all over the world destined to Arzew site. The map above shows in red the main countries where material originated and in green the site location. Fagioli coordinated the material on a worldwide basis and took care also to all the custom clearance documentation and organized the permits for the heavy transport activity with local authorities. The main port of discharge in Algeria were the port of Otan for liner ships and containers, the port of Mostaganem for general cargo and smaller items and the port of Arzew for the heaviest items unloaded lo-lo from H/L ships. The project started in 2009 and ended in late 2013.

