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## ALE TRANSPORT HEAVIEST AND LARGEST PIECES ON RHODES ISLAND



ALE has transported the heaviest and largest pieces on the island of Rhodes, Greece, as part of the South Rhodes power plant project.

The global heavylift specialists were contracted to transport seven engines and seven generators from the quay of Lardos to the South Rhodes power plant, before installing them on site.

The engines, weighing 287t and measuring 6.5m x 14m x 4.3m, were the largest pieces that have ever been delivered on the island. In consideration of their abnormally large size and heavy weight, ALE had to negotiate any interferences, such as the electrical and telephone networks on the route.

Using a mixture of conventional trailers and SPMTs, where ALE needed to navigate the narrow streets of the touristic area of Kiotari at 90-degree turns, the engines and generators were transported 35km to the power plant. Once on site, the modules were connected and installed using jacking and skidding systems.

The route around Kiotari presented several challenges along the way, such as narrow streets, pass over bridges with rafting beams, reinforcement and overhead cables. With effective designs and routing by ALE's teams in Spain, as well as the close collaborative between ALE's logistics team, local authorities and the utilities networks, ALE avoided any disruption to the general public and delivered the 14 pieces safely and on schedule for the client. This work represented a major milestone the island.

The operations are part of the construction of the South Rhodes power plant, a diesel engines plant with a net capacity of 115MW.

## **ENDS**

**Image 1: One of the 287t engines transported over a reinforced bridge.**

## **ABOUT ALE**

ALE delivers strategic heavy-lift services to a wide range of sectors, including civil, oil and gas, energy, nuclear, offshore, renewables, petrochemical, ports, marine, minerals and metals and mining.

ALE's Spanish branch is increasing its presence in the Mediterranean region. This is shown by the current projects in progress in Turkey, Tunisia, Egypt and on Greek islands where, besides the mentioned work undertaken in Rhodes, ALE's Spanish has just signed a contract to perform there several transportation and installation projects.