



Madinah & Makkah

Saudi Arabia

CLIENT	Haramain High Speed Railway Consortium
PROJECT DATE	2013
LOCATION	Saudi Arabia
FIELD OF ACTION	Geotechnical Design

In 2012 the works regarding the connection between Madinah & Makkah by a High Speed Railway line of 450 km began. As part of this project, INES has developed the geotechnical design of Madinah Depot.

The area where it is developed occupies approximately 50 hectares in which there will be: a Quick Maintenance Workshop with 4 tracks 450 m long, a Heavy Maintenance Workshop with 4 tracks 430 m long, Sanding-painting-drying train booth plus other facilities such as a Waste-water treatment plant, electric power transformer station, etc.

The facility is connected directly to the road, enabling the easy loading and unloading of material.

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Earthworks involve a volume of one million m³, with an average depth of excavation of 3 m and not exceeding in any case 8 m.

