

## MATSA IN BRIEF

Minas de Aguas Teñidas SAU (**MATSA**) is a Spanish company that holds the rights to the Aguas Teñidas and Magdalena mines in Almonaster La Real, and to the Sotiel Mine, which is located in the municipality of Calañas, Huelva.

**MATSA's** activities consist of exploration and exploitation of mineral deposits, as well as their treatment at the processing plant, located in the northern Pyrite Belt, in the municipality of Almonaster La Real, in the province of Huelva, Andalucía. This mining district is more than 250 km long and has been active for more than 2,500 years, since the time of the Phoenicians. The mines produce copper, zinc and lead concentrates for export.

**MATSA** is a subsidiary of TM Mining Ventures, SL, a company jointly 50% owned by Mubadala Development Company, an investment and development company based in Abu Dhabi, and Trafigura Group Pte Ltd, a market leader in the global commodities industry

The underground mining operations at **MATSA** are mainly exploited with the Long Hole Open stoping method and later filled with a paste, using tailings produced from the mineral treatment plant. The modern treatment plant has the capacity to process between 4.3 and 4.6 million tonnes of ore annually and operates 24 hours a day, 365 days a year.

Approximately the 60% of the tailings produced from the processing circuits are delivered in the form of a paste (a high density, non-segregating slurry) to a tailings disposal facility, HDPE lining of this facility prevents any leakage to the outside environment. This deposit also has a bottom drainage and filtration collection system to avoid any environmental impact.

The remainder of the tailings is mixed with cement and returned to the inside of the mine from the paste plant, which is considered an important innovation in Spanish mining. Refilling the stopes with cemented paste in this way allows an almost complete exploitation of the underground deposit and reduces the environmental impact of the tailings above ground.

One hundred percent of **MATSA's** outputs are destined for export, from the ports of Huelva and Algeciras.

The application of advanced technologies, such as VTEM, SQUID TEM and Titán 24, as well as a significant investment in geological research, establishes **MATSA** as the premier geological research company in Andalucía.

## [About Mubadala Development Company](#)

Established in Abu Dhabi and owned by the country's government, the company's strategy is based on the creation of long-term commercial relationships through capital investments offering solid financial returns, which in addition contribute to the growth and diversification of Abu Dhabi's economy, creating opportunities for present and future generations of people from the United Arab Emirates.

Mubadala manages a portfolio worth several billion dollars in local, regional and international investments. It is associated with world-leading organisations to manage businesses in a wide range of industrial sectors, including the aerospace sector, semiconductors, metals and mining, oil and gas, renewable energy, information and communication technology, healthcare, real estate and infrastructure sector, public services and defense.

[www.mubadala.com](http://www.mubadala.com)

## [About Trafigura Group Pte Ltd](#)

Founded in 1993, the Trafigura Group has become one of the world's leading independent commodity traders, specialising in the oil, minerals and metals markets. Primary trading activities are the supply and transport of oil and petroleum products and metals and minerals. The trading business is supported by industrial and financial assets including global oil products distribution company Puma Energy; joint venture company DT Group; global terminals operator Impala; Trafigura's Mining Group and Galena Asset Management.

The Trafigura Group is owned by around 600 of its 4,100 employees, who work in 36 countries around the world. For more than 20 years, the group has been connecting its clients to the world economy, generating wealth through advancing trade.

[www.trafigura.com](http://www.trafigura.com)