The Jadar Project

Mining Lithium Sustainably

Rio Tinto’s proposed underground mining and processing operations in Serbia is capable of supplying the raw materials to power more than 1 million electric vehicles per year for decades.

**UNDERGROUND MINE**
Coexisting with agriculture

With a much smaller footprint than an open pit mine and no impact from subsidence, farming would continue above the mine.

**PROTECTING**
Local water quality

No drinking water resources will be used to process the Jadarite mineral. Technologically advanced and highly efficient wastewater treatment solutions will be used to meet the environmental quality standards of Serbian and European regulations.

**SUSTAINING**
Low emissions

Due to a combination of chemical treatments and significantly reduced process heat compared to other lithium processing operations, emissions from the project will safely comply with Serbian and EU regulations.

**INNOVATIVE**
Waste solutions

Processing residue will be compacted on a landfill that will be progressively rehabilitated.

**INDUSTRY-LEADING**
Scientific studies

Many studies have been conducted over more than 20 years, including analysis of the ore body and soil, water, air and noise tests.

Illustration of the above-ground facilities and the planned site remediation post-closure.

*Surface footprint design is subject to change.