

# The Jadar Project

RioTinto

## 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.



Current Location



Mine Footprint\*



Post-mining Remediated Site

\*Surface footprint design is subject to change.