



RioTinto

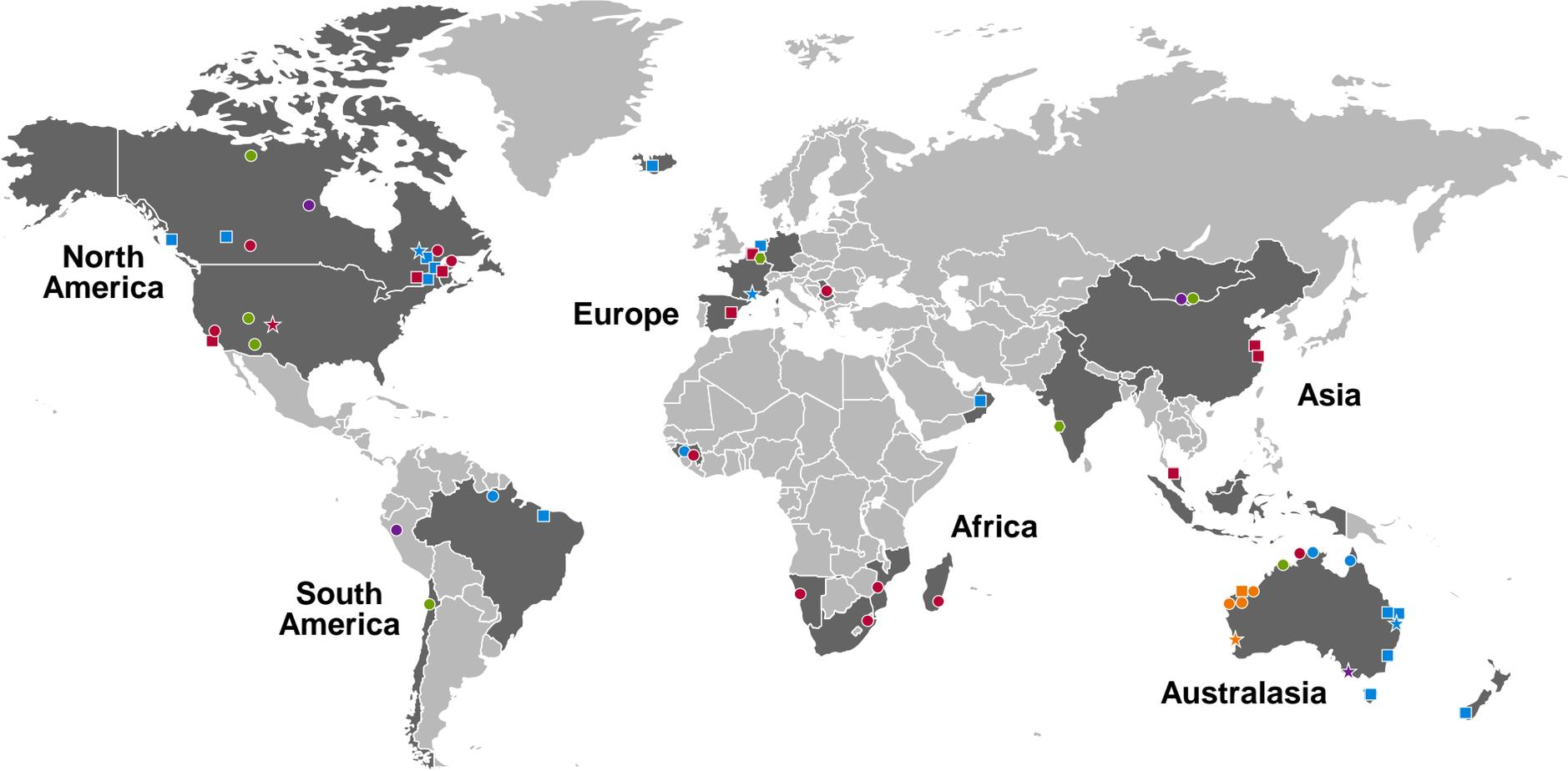
21st century mining

Rio Tinto's ESG approach

Lawrence Dechambenoit
Global Head of External Affairs

October 2021

Rio Tinto in a nutshell



Aluminium
Copper
Minerals
Iron Ore
Growth & Innovation

- Key**
- Mines and mining projects
 - Smelters, refineries, power facilities and processing plants remote from mine
 - ⬢ Sales and marketing
 - ★ Technology & Innovation centres

Consumers demanding more sustainable products

Customers announcing ambitious ESG goals



Investors seeking responsible offerings

Industry facing increasingly stringent regulations



Four areas of focus for an even stronger Rio Tinto

Best operator

Expand capability and leadership

Impeccable ESG credentials

Strengthen track record and transparency

Excel in development

Deliver organic & inorganic growth

Social Licence

Earn trust by building meaningful relationships and partnerships

Our four business priorities highlight the significance of sustainability, ESG performance and relationships.



Our approach to sustainability

Standards

We adopt high standards, often going beyond legal requirements, on the sustainability issues that are material to our business, our employees, the communities that host us and the customers that buy and use our products.



Portfolio

In 2018, we became the only major player in our industry to have a portfolio free of fossil fuel production. All the materials we produce are fundamental to a low carbon future – copper, lithium, aluminium and minerals and high quality iron ore.



Performance

Our goal is to achieve consistent, high-quality social and environmental performance across all of our operations and to increase our stakeholders' knowledge of how we work through meaningful disclosures and transparency.



Working towards impeccable ESG credentials

Safety

At the **heart of our culture**

12% lower AIFR¹ YoY

Fatality-free year

Communities & heritage

Embed in culture, investing \$50m in **Indigenous leadership**

Site-based **leadership of relationships** with Traditional Owner groups

Modernising agreements

Establishing **Indigenous Advisory Group**

Climate

Well positioned portfolio

Strengthened link between **executive remuneration & our ESG performance** forming 35% of STIP³

Scope 3 goals to guide our partnerships

Inclusion & Diversity

Taking more meaningful action

26% women in leadership roles; targeting 2% increase each year

40%² female board representation

Developing Indigenous leaders

¹All injury frequency rate | ²At 1 January 2021 | ³Short Term Incentive Plan: 20% weighting to safety (unchanged) and 15% to ESG performance





Innovation in Aluminium



The world's first carbon-free aluminium smelting process



START
RESPONSIBLE ALUMINIUM




Please scan the QR code for additional information

START SUSTAINABILITY LABEL

Customer Name: XXX Site: XXX ASI Certified: XXX Sales Order No.: XXX Total Volume Ordered: XXX Label No.: XXX Date of issue: XXX

ENVIRONMENT*				SOCIAL				GOVERNANCE				
LCA Data		LCA Values	Comparison vs Global Average (%)	Rio Tinto Aluminium Safety**		2019 Result	vs 2019 Result	Rio Tinto Aluminium Whistleblowing Programme**		2019 Result	2018 Result	
Global Warming Potential (CO ₂ e) (tAl)		0.02		Fatalities at managed operations		XX	=	Total number of cases reported		111	77	
Bauxite Mining		1.33		All injury frequency rate (AIFR) (Per 200,000 hours worked)		XXX	XXX▲	Cases substantiated		43%	44%	
Alumina Production		1.83		Critical Risk Management (CRM) verifications		XXX	XXX▲	Rio Tinto Diversity**				
Aluminum Production		3.29	329.00 tCO ₂ e	80% ▼	Rio Tinto Aluminium Communities**		\$28.95 million	Women in senior management		22.60%	=	
Total					Community investment			Women in Board roles		11.10%		
Site Data		Site Values	Sales Order Values		Rio Tinto Third-Party Assessment**		3.273	28.8% ▲	Women as a % of graduate intake		54%	36%
Water (m ³ /tAl)		0.57	57.00m ³		Due diligence checks completed				Rio Tinto's five values – safety, teamwork, respect, integrity and excellence – define how we treat each other and how we work with our partners. For additional information, please go to https://www.riointo.com/sustainability/parole			
Consumption Return		1.82	182.00m ³		TRANSPARENCY				Regulatory Compliance			
Energy (electricity)			95%		Transparency benchmarks are applicable to both Social and Governance categories. Our voluntary commitments and accreditations include participation in a number of global, regional and national organisations and initiatives, and industry accreditation programs.				Our products meet regulatory expectations of global markets including:			
Renewable energy %					<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Aluminium Stewardship Initiative (ASI) <input checked="" type="checkbox"/> Extractive Industries Transparency Initiative (EITI) <input checked="" type="checkbox"/> Global Reporting Initiative (GRI) <input checked="" type="checkbox"/> International Council on Mining & Metals (ICMM) <input checked="" type="checkbox"/> International Organisation for Standardisation (ISO) <input checked="" type="checkbox"/> Rio Tinto's Sustainable Development Report <input checked="" type="checkbox"/> Rio Tinto's Annual Report <input checked="" type="checkbox"/> Rio Tinto's Climate Change Report <input checked="" type="checkbox"/> United Nations Global Compact (UNGC) <input checked="" type="checkbox"/> United Nations Sustainable Development Goals (UNSDG) <input checked="" type="checkbox"/> United Nations Declaration of Human Rights (UNUDHR) <input checked="" type="checkbox"/> Voluntary Principles on Security & Human Rights (VPSHR) 				<ul style="list-style-type: none"> <input checked="" type="checkbox"/> California's Proposition 65 <input checked="" type="checkbox"/> European Union Conflict Minerals <input checked="" type="checkbox"/> European Union's Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) <input checked="" type="checkbox"/> European Union's Restriction of Hazardous Substances Directive (RoHS) <input checked="" type="checkbox"/> Korea's Registration, Evaluation, Authorization and Restriction of Chemicals (K-REACH) <input checked="" type="checkbox"/> United States Conflict Minerals Law 			
Recycled Content (tAl)		0			<p>1. The Comparison vs Global Average demonstrates the advantage of using START vs. a similar product based on global average metrics. The global average is based on 2019 data.</p>				<p>This Sustainability Label is provided to an entity of the Rio Tinto group ("RT") in connection with the material specified hereunder and is made solely by the direct purchaser thereof from RT in accordance with the terms of a supply agreement with RT (the "Buyer"), and for no other purpose. The existence and contents of the Sustainability Label are strictly confidential and may, by its nature, vary from time to time and may be subject to prior consent of RT. Further, Buyer shall not, without the prior written consent of RT, make any claim or other representation to any person that is untrue or that is not the property of RT, or that any product is RT or that any product is manufactured using material purchased by RT, as being sustainably sourced aluminium (including START).</p> <p>* Environment data - 2019 at site level ** Social and Governance data - 2019 Product Level (Aluminium) *** Social and Governance data - 2019 annual values at Corporate level</p>			
Hazardous waste disposed		0.01	1.00t		<p>For further information, including details on the scope, methodology and definitions, visit www.startresponsible.com or contact us at START@starto.com</p>							
Non-hazardous waste disposed		0.00	0.00t									
Spent pool lining recycled/treated		No										

Transparency



Western Turner mine site, Pilbara, Australia

We're committed to doing business with integrity, transparency and accountability.

- We're a founding member of the Extractive Industries Transparency Initiative, which promotes open and accountable management of natural resources
- We have a confidential and independently operated whistleblowing programme: *Speak-OUT*
- In 2019, we published our third annual slavery and human trafficking statement, outlining the steps taken in 2018 to ensure modern slavery is not taking place at our operations or in our supply chains
- Since 2010, we've published an annual Taxes paid report, detailing the payments of taxes and royalties we've made in the countries where we operate. In 2020 we paid US \$8.4 billion in taxes and royalties
- In September 2021 we published our first Communities and Social Performance Commitments Disclosure Interim Report
- We disclose all of our industry association memberships

Jadarite discovery

The Jadar Project is a world-class lithium borate deposit discovered by Rio Tinto in 2004 near the city of Loznica, in Western Serbia.

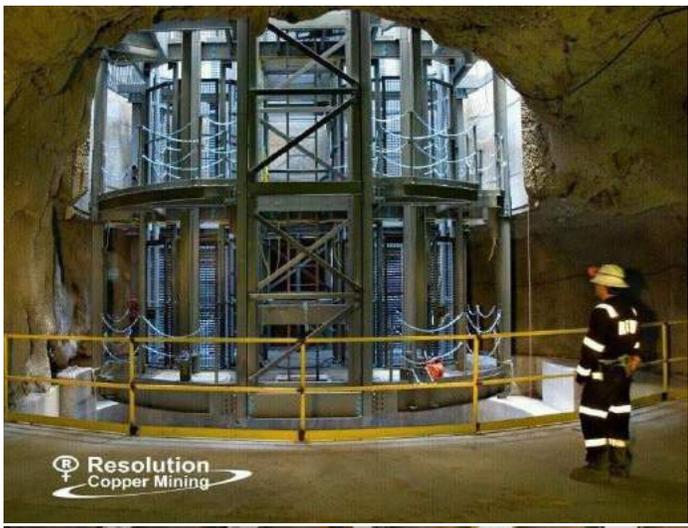
It is a unique deposit containing jadarite - a new lithium sodium borosilicate mineral ($\text{LiNaSiB}_3\text{O}_7\text{OH}$).

Jadar will provide enough lithium for 1 million EVs annually.

By 2026 Rio Tinto plans to build an underground mine and processing plant.



21st Century Mine



Sustainable Development of Jadar Project

Cultural Heritage

Communities

People & Partnerships



Environmental Stewardship

Environment

	Environmental and baseline studies completed	12
	Experts engaged	65
	Water quality parameters* analyzed	23,121
	Air quality parameters* used	115
	Noise level readings	515

* biological and/or physicochemical parameters

	Serbian expert participation	98.6%
--	------------------------------	-------

