Jadar Resources

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Jadar Commits to Sustainability

Jadar Resources Limited (ASX:JDR) ("**Jadar**", the "**Company**") is pleased to announce that it has completed its maiden Sustainability Plan, which sets the foundations and framework for sustainability in respect of the Company's future development activities across its suite of projects.

The Sustainability Plan provides a blueprint for how the Company will contribute positively to the environment and host communities in which it operates, while continuing to build stakeholder trust and play a leading role in the energy transition through discovery of battery minerals.

Our Plan and strategy are aligned to the United Nations (UN) Sustainable Development Goals (SDG's). The UNSDGs were set in 2015 by 193 countries and comprise of seventeen goals that by 2030 are aimed to rid the world of poverty and hunger and prevent the worst effects of climate change.

The Company's Sustainability Plan is attached and can also be found on the Company's website (www.jadar.com.au).

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For further information, please contact:

Luke Martino
Non-Executive Chairman
Tel: +61 8 6489 0600
E: luke@jadar.com.au

Adrian Paul
Executive Director
Tel: +61 8 6489 0600
E: adrian@jadar.com.au

This ASX announcement was authorised for release by the Board of Jadar Resources Limited.

Jadar Resources

Sustainability Plan

OCTOBER 2021

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01 Introduction

At Jadar Resources, we believe operating in a sustainable manner is essential to delivering the Company's core strategy and objectives.

In addition to achieving exploration success across our vast portfolio of projects, we believe that putting in place a plan to become more sustainable will help create significant long- term value for all our stakeholders, including shareholders, partners, traditional landowners and the local host communities in which we operate.

As a Company focused on resource discovery, we have an ideal opportunity to ensure we plan for the implementation of sustainable practices across the Company from the earliest stages of exploration.

We believe as early as project acquisition, Jadar should achieve genuine, measurable and permanent improvements in sustainability practices in the exploration, development and operation of its projects.

Accordingly, we have published this maiden Sustainability Plan to set the foundations and framework for future development activities across our suite of projects.

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About Us

Jadar Resources Limited (ASX:JDR) is an innovative materials explorer, strategically diversified across green energy and technology metals within Australia, Europe and America as well as exposure to precious metals in Latin America.

The Company aims to generate shareholder wealth by identifying and acquiring assets that will be integral to the green technology revolution, and performing targeted exploration and development of these assets. Within the current electric vehicle and technology metals portfolio Jadar holds the Khartoum Tin-Silver-Tungsten, Shaw River Lithium, Tin & Tantalum Project and is in the process of acquiring New Standard Copper Projects. Jadar will continue to seek additional acquisition opportunities to grow its portfolio whilst progressing towards development of its existing assets.

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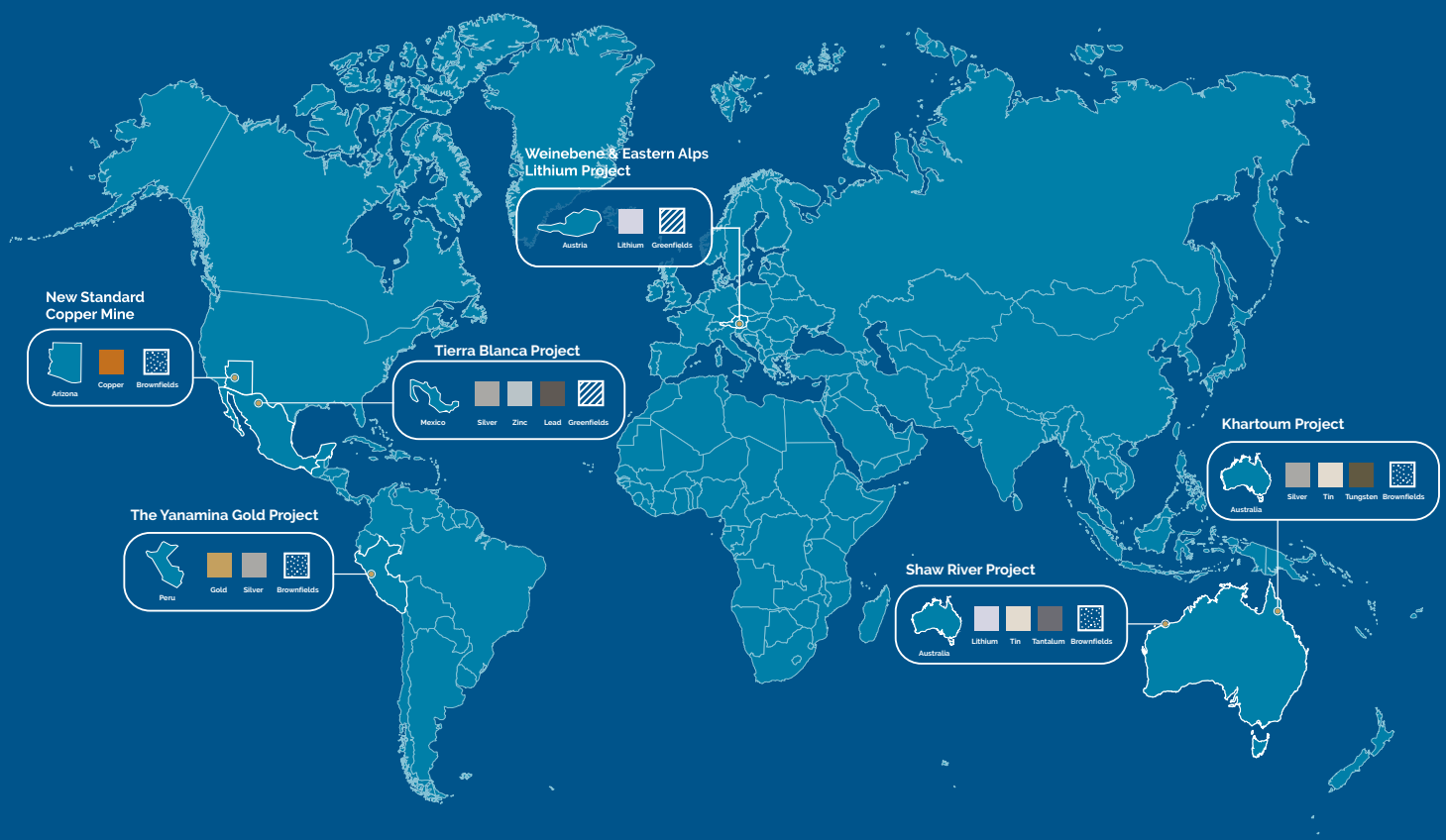
Operations Overview

Jadar has a portfolio of projects located in North America, South America, Europe and Australia. The Company also holds a strategic 22% interest in Balkan Mining and Minerals (ASX:BMM), that holds lithium-borate projects in Serbia.



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Sustainability Pillars

Health & Safety

Safety is fundamental to the responsibility we have towards maintaining a healthy workforce. Our practices and strategies are focused upon providing a safe and effective workplace and supporting our employees, suppliers and contractors to take ownership and responsibility for the safety and health of themselves and others.

Climate Change

Playing a role in the rapid transition to a green economy globally by supporting the development of battery materials used in applications such as the electric vehicle (EV) market.

Environmental Sustainability

Applying leading exploration techniques to promote efficiency, safety and minimise overall environmental impacts. We are committed to meeting or exceeding environmental performance requirements outlined in the relevant state and Federal legislations in the countries we operate.

People, Culture & Community

Attracting, developing, training and retaining a diverse, inclusive, and skilled workforce that meets our needs.

Indigenous Partnerships

Partnering with our local and host communities to share value through the creation of local jobs and business opportunities. We are committed to supporting indigenous stakeholders and respecting human rights in all the regions we operate.

Economic Sustainability

Generating economic growth and value for our shareholders, employees, contractors and communities through the drilling, discovery, definition and development of battery minerals.

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Sustainability Goals

Jadar's strategy is to acquire and discover high-grade Mineral Resources to meet forecast deficits in key battery minerals required to transition the world towards carbon neutrality by 2050.

We have a suite of projects covering lithium, tin, tantalum and copper located in South America, North America, Europe and Australia.

Our maiden Sustainability Plan provides a blueprint for how we will contribute positively to the environment and host communities in which we operate, while continuing to build stakeholder trust and play a leading role in the energy transition through discovery of battery minerals.

Our Plan and strategy is aligned to the United Nations (UN) Sustainable Development Goals (SDG's). The UNSDGs were set in 2015 by 193 countries and comprise of seventeen goals that by 2030 are aimed to rid the world of poverty and hunger and prevent the worst effects of climate change.

In aligning our strategy with the UNSDG's, we believe that future reporting structures will be easily recognisable and compatible with ESG focused and mandated investment funds.

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Sustainability Pillar 1

Health and Safety

Safety and health are fundamental responsibilities we have to our workforce. Our strategies and practices today are based upon providing a safe and efficient workplace and supporting our employees, suppliers and contractors to assume responsibility for the safety and health of themselves and others.

Jadar's strives to minimise hazards and reduce risks to its entire workforce and the host communities in which it operates. We aim for zero incidents across all of our exploration activities by implementing the following processes:

- Overall workforce involvement in creating, implementing and reviewing the Company safety management system, including the emergency plan that defines our objectives and targets;
- Compliance with relevant legislative requirements, local practices, and standards;
- Ensuring adequate supervision, ongoing relevant training and documentation of procedures are implemented, developed and regularly reviewed;
- Educating all employees and contractors to share in the responsibility for the safety of themselves and others in the workplace;
- Selection of contractors and equipment that comply with corporate and regulatory safety standards as well as synergies with Jadar's sustainability pillars;
- Periodic and regular inspections of equipment for safety compliance and appropriateness for the intended purpose;
- Provision of simple and effective communication systems, particularly in non-English speaking regions;
- Detailed risk assessment through identification and response to hazards, near-misses, incidents and accidents reported;
- Structuring injury management programs to maximise and facilitate employee return to work.

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Sustainability Pillar 2

Climate Change

Jadar currently has minimal Scope 1 greenhouse gas (GHG) emissions given the Company is primarily conducting intermittent exploration activities through drilling contractors.

However, the Company believes it can play an important role in climate change by supporting the development of battery minerals used in clean energy applications such as electric vehicles (EV).

It is common knowledge that tin, tantalum, lithium and copper all play an important role in the technologies and applications that are helping achieve key environmental policy objectives, such as reducing GHG emissions though applications such as EVs.

Governments around the world are legislating and mandating vehicle standards that are likely to see a significant reduction in internal combustion engines (ICE) and a corresponding increase in the sale and usage of EVs. These mandates have timeframes of 2030 to 2040, however many vehicle manufacturers have adopted accelerated development programs that have effectively halted the future rollout of vehicles that contain ICEs.

As a result, there is forecast to be a significant increase in demand for various battery minerals over the next decade. Jadar's exploration strategy is focused on the discovery and delineation of mineral resources that can meet this increased demand.

At the time Jadar sanctions the development of a mining operation, we will monitor and report energy consumption and activities, in compliance with the National Greenhouse and Energy Reporting Act.

Furthermore, where possible, Jadar will look to incorporate renewable energy or low carbon fuel sources to minimise Scope 1 & Scope 2 GHG emissions.

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Sustainability Pillar 3

Environment

Jadar considers environmental protection and management an integral part of its activities. We comply with all applicable environmental laws and for any future mining operation, we are committed to low Scope 1 & Scope 2 GHG emissions.

Currently, the Company has minimal Scope 1 greenhouse gas (GHG) emissions, however it still applies leading exploration techniques to minimise the environmental impacts of its exploration activities.

In the longer term, the Company is aware that any mining operation have the potential to be part of the problem when it comes to pollution, hazardous chemicals and contamination.

At the time Jadar sanctions the development of a mining project, we will be committed to measuring and reporting our impact on the environment and will commence publishing a regular Sustainability Report focussed on environmental issues such as water usage (e.g. water consumed, recycled and discharged), air quality, waste disposal, land disturbance and if applicable, other notable environmental risks such as tailings management.

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Sustainability Pillar 4

People, Culture & Community

Attracting, developing and retaining a diverse, inclusive, and well-trained workforce is important to the future success of the Company. Jadar employs and contracts new staff as required and has seen an increase in new staff due to increased activity across the Company.

Jadar is committed to workplace diversity and inclusion at all levels of the Company regardless of gender, marital or family status, gender identity, sexual orientation, age, disabilities, religious beliefs, ethnicity, cultural or socio-economic background, perspective and experience.

The Company recognises the benefits arising from employee and Board diversity, including a broader pool of high-quality employees, better employee retention, improved decision making, different perspectives and benefiting from all available talent.

Whilst there have been improvements over the past decade, there remains an underrepresentation of women in all levels of the mining industry, from field positions all the way through to the boardroom. In Jadar's opinion, gender equality and the role of women in mining needs ongoing attention.

As a Company, we aim to provide a gender-sensitive and inclusive working environment inside Jadar in order to attract and retain female talent at all levels.

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Sustainability Pillar 5

Indigenous Partnerships

It is critical that we partner with our local and host communities to share value through the creation of local jobs and business opportunities as an absolute minimum.

Jadar is committed to developing and maintaining a positive relationship with our local and host communities, indigenous and representative groups wherever we operate globally.

We recognise that the most critical partnerships, which underpin virtually all mining operations, are those with host governments and local communities. Mining projects only proceed once permission is granted by governments and increasingly, only once accepted or endorsed by local communities.

To meet these commitments, Jadar engages regularly, openly and honestly with persons and organisations affected by our operations, ensuring that these stakeholders are aware of our planned operations, the potential impacts of our works, as well as environmental protection measures. This covers the preservation of cultural and indigenous heritage areas, conservation of flora and fauna, and protection of current and future land use.

We actively encourage community participation in our operations to foster economic empowerment in our host communities. To that end, Jadar also has a preference to employing local contractors and service providers.

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Sustainability Pillar 6

Economic Sustainability

Jadar aims to generate economic growth and value for our investors, employees, customers and communities through the drilling, discovery, definition and development of Mineral Resources in the battery minerals sector.

Where possible, the Company supports local manufacturers and suppliers for the purchase goods and services.

In the short term, the Company's strategy is to deliver exploration success from our portfolio of projects in an effort to provide a foundation for the development of a financially viable mining operation.

We believe development of a sustainable mining operation provides an opportunity to offer quality and well-paid employment opportunities, reduce informal employment and close the gender pay gap in local communities.

Furthermore, mining operations in regional communities typically result in considerable infrastructure investment, including, but not limited to, the construction of new road and air facilities, the improvement of broadband networks, investment in power infrastructure and housing, and sometimes the establishment of new schools, water and healthcare facilities.

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Governance

Management and Directors are responsible and accountable for the effective implementation, promotion and support of the Code of Conduct in their respective areas of responsibility. These groups manage business risks through sound business process and high-quality decision making, following all applicable rules, regulations and standards.

The whole Board is accountable for monitoring the effectiveness of programs, practices in relation to sustainability.

Occupational health and safety, risk management and social performance are standing agenda items at all Board meetings.

The Sustainability Committee, a committee of the Board, assists the Board by overseeing, monitoring and reviewing the company's practices and governance in safety; occupational health; sustainability; environment; climate change; social performance; and the human rights and security of communities, employees and operations.

The members of the Jadar Sustainability Committee are Luke Martino (Chairman) and Adrian Paul (Managing Director).

Mr. Luke Martino has over 25 years' experience at partner & board level with Deloitte and currently Director of Indian Ocean Corporate, a boutique corporate & investment banking firm in Australia & Mainland China. Mr Martino has experience & credibility in mining & resources, property and hospitality industries and specialist in corporate & growth consulting. Mr Martino holds a Bachelor of Commerce (BCom) is a Fellow of the Institute of Chartered Accountant Australia and New Zealand (FCA) and a member of the Institute of Company Directors (FAICD). His area of expertise includes corporate finance and business growth consulting advice to the mining and resources sector and a wide range of other industries. Mr Martino was a Director of Pan Asia Corporation Ltd and was a Non-Executive Director of Skin Elements Limited. He is currently a director of Balkan Mining and Minerals Limited.

Mr Adrian Paul has over 30 years of experience in the securities industry and was previously a partner in the Australian stockbroking firm D.J. Carmichael & Co. Mr Paul has held various non-executive directorships of public companies listed on ASX such as Chrysalis Resources Limited. Mr Paul currently manages a private investment company and utilises his extensive networks established in the stockbroking and investment banking. During the past three years Mr Paul has held nil directorships in other ASX listed companies.

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Reporting

In accordance with this Sustainability Plan, the Sustainability Committee will commence Sustainability Reporting at the time of sanctioning development of a mining project. The Sustainability Report will be based off the following reporting standards:

- Adoption of the materiality identification framework set by the Sustainable Accounting Standards Board (SASB).
- Reporting climate change using the framework approved by the Taskforce on Climate Related Financial Disclosures (TCFD).
- Integration of relevant reporting metrics for the Global Reporting Initiative (GRI).
- Reporting relevant metrics and targets to demonstrate our sustainable approach to operations and becoming a low CO2 producer.
- Reporting the impact of operations on relevant UN Sustainable Development Goals.

Jadar Resources