

ASX Announcement & Media Release

28 July 2023

ASX Code: EMR
Shares on issue: 595,461,968
Market Cap: ~A\$1,310 million
Cash: A\$71.0 million (at 30 June 2023)
Bullion: A\$19.0 million (at 30 June 2023)

Board & Management

Simon Lee AO, Non-Executive Chairman
Morgan Hart, Managing Director
Mick Evans, Executive Director
Ross Stanley, Non-Executive Director
Billie Slott, Non-Executive Director
Michael Bowen, Non-Executive Director
Jay Hughes, Non-Executive Director
Mark Clements, Non-Executive Director
and Company Secretary
Bernie Cleary, Operations Manager
Shannon Campbell, Chief Financial Officer

Company Highlights

Team

- Highly credentialed gold project operational and in-house development team;
- A proven history of building projects on time and on budget.

Gold Production

- Okvau Gold Mine commissioned on time on budget in 2021;
- Forecast +100,000oz gold production for 2023 at AISC <US\$810/oz;
- Okvau Deposit: Indicated and Inferred Mineral Resource Estimate of 1.06Moz at 1.91g/t Au;
- Ore Reserve of 13.5Mt & 1.9g/t Au for 0.82Mozs in a single open pit with waste:ore ratio of 5.01:1.

Growth

- Significant exploration and resource growth potential in Cambodia:
 - Okvau Gold Mine reserve expansion;
 - Memot Project maiden resource expected 2023
 - 1,639km² of prospective tenure
- Significant exploration and resource growth potential in Australia (Bullseye Mining Limited (~60%):
 - Underexplored Dingo Range project
 - Resource and reserve expected 2023
 - 1,200km² of prospective tenure

ESG

- Focussed on a net positive impact on near-mine environmental and social values by targeting strict compliance with corporate governance, international guidelines (IFC PS's) and local laws by engaging and collaborating with all stakeholders.

Registered Office

1110 Hay Street
West Perth WA 6005

T: +61 8 9286 6300

F: +61 8 6243 0032

W: www.emeraldresources.com.au



Emerald Resources Commits Funding to Achieve Long-Term Carbon Neutrality Objectives

Highlights

- **Emerald commits to carbon neutral operations in Cambodia**
- **Funds committed on tangible operational outcomes to fully offset carbon emission**
- **Yr1 commitment US\$320,000, to be reviewed annually based on projected emissions**

Emerald Resources NL (ASX: EMR) ("Emerald" or "Company") commitment to carbon neutral operations in Cambodia has been reaffirmed by the Company's decision to accrue funds annually to fund future programs to achieve a carbon neutral footprint within achievable time frames.

The amount accrued is determined by the emissions reported for the Okvau Gold Mine (June 2023: 71,098 tCO₂e) and is based on the project specific determined carbon pricing for the period recommended by independent environmental consultants Earth Systems Consulting Pty Ltd ("Earth Systems") (June 2023: US\$4.50 per tonne).

The Company's decision to set aside funds to progress carbon neutrality plans followed a review of a range of commercial schemes available on the market by Earth Systems who have extensive experience in South-East Asia and were the environmental consultants engaged to oversee the Okvau Gold Mine Environmental and Social Impact Assessment which was a critical step in the environmental permitting of the Project.

Emerald's Managing Director, Morgan Hart, commented "Rather than commit to commercial schemes, we strongly believe that provisioning funds for activities that will support the Company's climate strategy, including carbon neutrality targets and pathways will best suit the Company's commitment to long-term sustainability and deliver the best tangible outcomes.

"Specifically, our intent is preservation of nature-based carbon offset projects and to support habitat propagation which we have demonstrated significant success to date.

"In FY24 we will accrue US\$320,000 to offset reported emissions for the 2023 year. This funding will continue as we aim to offset the estimated long-term average of ~60,000 CO₂t emitted each year by current operations."

To complement existing projects including the Biodiversity Offset, Emerald is focusing on nature-based activities such as habitat protection, creation, and biodiversity enhancement for the Company's carbon offset project.

In addition to its carbon neutrality commitments, the Company has a number of ongoing commitments to nature-based activities which include:

- a collaborative venture with Jahoo, a gibbon ecotourism and conservation research venture, working to protect endangered gibbons; and
- Beng tree planting program to re-establish endangered tree species which has seen over 8,000 trees planted to date

The Company's carbon neutral concept has been presented to the Cambodian Government and the Company is working to identify suitable locations to progress the carbon offset concept.

Figure 1 | Rope bridge across access road in Offset (left) and Jahoo climbing trees to install the rope bridges (right)



Figure 2 | Okvau Gold Mine nursery and students restocking school nurseries



This ASX release was authorised on behalf of the Emerald Board by: Morgan Hart Managing Director.

For further information please contact
Emerald Resources NL

Morgan Hart
Managing Director

About Emerald Resources NL

Overview

Emerald is a developer and explorer of gold projects. In particular, Emerald has been focused on the development and commissioning of its most advanced project, the Okvau Gold Mine in Cambodia which saw first production in June 2021. Since commercial production commenced in September 2021, Emerald has now poured over 7,000kgs of gold doré from its operations.

Emerald also holds a number of other projects in Cambodia which are made up of a combination of granted mining and exploration licences (100% owned by Emerald) and interests in earn-in and joint venture agreements. Together, Emerald’s interest in its Cambodian Projects covers a combined area of 1,639km².

Emerald has a controlling interest in Bullseye Mining Limited (~60%), an unlisted Australian public company with three Western Australian gold projects totalling in excess of 1,200km² of highly prospective gold tenure including the North Laverton Gold Project which covers in excess of 800km² of the entire Dingo Range greenstone belt.

Forward Looking Statement

This document contains certain forward looking statements. These forward-looking statements are not historical facts but rather are based on the Company's current expectations, estimates and projections about the industry in which Emerald Resources operates, and beliefs and assumptions regarding the Company's future performance. Words such as "anticipates", "expects", "intends", "plans", "believes", "seeks", "estimates", "potential" and similar expressions are intended to identify forward-looking statements. These statements are not guarantees of future performance and are subject to known or unknown risks, uncertainties and other factors, some of which are beyond the control of the Company, are difficult to predict and could cause actual results to differ materially from those expressed or forecasted in the forward looking statements, which reflect the view of Emerald Resources only as of the date of this announcement. The forward looking statements made in this release relate only to events as of the date on which the statements are made. Emerald Resources will not undertake any obligation to release publicly any revisions or updates to these forward-looking statements to reflect events, circumstances or unanticipated events occurring after the date of this announcement except as required by law or by any appropriate regulatory authority. This document has been prepared in compliance with the current JORC Code 2012 Edition and the ASX listing Rules.

The Company believes that it has a reasonable basis for making the forward-looking statements in this announcement, including with respect to any production targets and financial estimates, based on the information contained in this announcement. Reference is made to ASX Announcements dated 1 May 2017 and 26 November 2019. All material assumptions underpinning the production target, or the forecast financial information continue to apply and have not materially changed. 100% of the production target referred to in this announcement is based on Probable Ore Reserves.

Emerald has a highly experienced management team, undoubtedly one of the best credentialed gold development teams in Australia with a proven history of developing projects successfully, quickly and cost effectively. They are a team of highly competent mining engineers and geologists who have overseen the successful development of gold projects in developing countries such as the Bonikro Gold Project in Cote d'Ivoire for Equigold NL and more recently, Regis Resources Ltd.

Competent Persons Statements

The information that relates to exploration and drill results from Okvau is based on information compiled by Mr Keith King, who is an employee to the Company and who is a Member of The Australasian Institute of Mining & Metallurgy. Mr Keith King has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Keith King has reviewed the contents of this release and consents to the inclusion in this announcement of all technical statements based on his information in the form and context in which it appears.

The information in this report that relates to mineral resources for the Okvau Gold Deposit was prepared by EGRM Consulting Pty Ltd, Mr Brett Gossage, who is a consultant to the Company, who is a Member of the Australasian Institute of Mining & Metallurgy (AIG), and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined by the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Gossage has reviewed the contents of this news release and consents to the inclusion in this announcement of all technical statements based on his information in the form and context in which it appears.

Information in this announcement that relates to ore reserves for the Okvau Gold Deposit is based on, and fairly represents, information and supporting documentation prepared by Mr Glenn Williamson, an independent specialist mining consultant. Mr Williamson is a Member of the Australasian Institute of Mining & Metallurgy. Mr Williamson has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person (or 'CP') as defined in the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Williamson has reviewed the contents of this news release and consents to the inclusion in this announcement of all technical statements based on his information in the form and context in which it appears.

No New Information

To the extent that announcement contains references to prior exploration results and mineral resource estimates, which have been cross referenced to previous market announcements made by the Company, unless explicitly stated, no new material information is contained. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcements and, in the case of estimates of mineral resources that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed.