

## CAPANDA GREEN AMMONIA PROJECT UPDATE

*Partnership discussions well advanced, confirming Capanda as the most commercially attractive zero-carbon green ammonia project globally*

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**Minbos Resources Limited (ASX:MNB) (“Minbos” or “the Company”)** is pleased to announce that with the completion of environmental baseline survey’s (wet and dry season) and tender review for the engineering underway, the Capanda Green Ammonia Project (CGAP) is now attracting significant Partner interest.

### HIGHLIGHTS

- Completion of CGAP environmental baseline surveys signals completion of a major time-critical milestone for the project.
- Tenders for engineering design, and studies for preferred technologies and engineering providers are being assessed to optimise the route to production of green ammonia for agricultural fertilisers and mining explosives.
- The CGAP aims to capitalise on surplus renewable energy from the Capanda Hydroelectric Dam, delivering a combination of continuous power supply and a low tariff which potential partners believe is unmatched globally.
- The rapid progress of the Lobito Corridor has attracted the attention of mining and explosives companies in the western copper belt of Angola, which is up to 1,000km closer than existing sources of explosives supply.
- Three Development Finance Institutions have expressed interest in financing the CGAP.
- PFS to further investigate the use of electrolyzers to generate green ammonia designed to produce ~250ktpa of high-density ammonia nitrate, with an option to expand if further power can be secured.
- The Company has already secured a 60-year lease for the site of the CGAP<sup>1</sup> on which wet and dry season environmental baseline surveys across the Dam and Project site have been completed.
- In early-April 2023<sup>2</sup>, Minbos completed a Technical Study for a zero-carbon green ammonia plant to produce green nitrogen products including fertilizers and explosives.

<sup>1</sup>MNB ASX Announcement – Minbos Secures site for Capanda Green Ammonia Project (1st August 2023)

<sup>2</sup>MNB ASX Announcement – Technical Study Affirms Capanda as one of the most promising Green Ammonia Projects globally (11th April 2023)

- Importantly, the Technical Study noted the unique advantages of the CGAP:
  - Zero-Carbon Hydropower is already operational and available at the most competitive tariff available to any green project in the world.
  - The existing Capanda dam and hydroelectric facilities mean that green electricity is available without the need for power generation capex.
  - The availability of high-quality water minimizes the capital and operating costs compared to using saline groundwater or seawater.
  - Most importantly, the Project is located close to a growing market for fertilizer. The existing explosives market in the Western Copper Belt already fully consumes the proposed output of the Project and is expected to grow rapidly.
- Since completion of the Technical Study, the Company has attracted global interest from prospective companies interested in participating in the CGAP, including financing, manufacturing, technology and offtake.



Figure 1 – Location of the Capanda Green Ammonia Project, in proximity to the Lobito Corridor and major copper provinces of the Democratic Republic of Congo and Zambia.

**Commenting on partnership discussions, MD Lindsay Reed:**

*“Our focus is always nutrients for agriculture in Angola. The Cabinda Phosphate project attends to the most immediate need in the Grow to Eat sector helping alleviate poverty in smallholder farmers.*

*The Capanda Ammonia project will become an important supplier of nitrogen in the Grow to Sell sector helping commercial farmers supply the retail sector and establish food security for Angola.*

*Our long run plan is to support the Grow to Export sector in Angola to make agriculture the biggest contributor to the Angolan economy. Minbos is looking to structure the Capanda project partnerships to best achieve these immediate and long-term plans.*

*By focussing on smallholder farmers, we ended up with an organic phosphate project and focussing on food security with commercial farmers we have ended up with a zero-carbon green ammonia project. Looking forward to where the export focus will take us.*

*Since completion of the Technical Study, the Company has been assessing a number of potential project partnerships, with strong global interest from major entities in the Capanda Green Ammonia Project.”*



Figure 2 - Surplus water being discharged, from the Capanda Dam.

**ASX Announcement**  
**13<sup>th</sup> FEBRUARY 2024**



This announcement has been authorised for release by the Board of the Company.

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For further information please contact:

**Investor and Media Enquires**

E: [info@minbos.com](mailto:info@minbos.com)

P: +61 8 6219 7171

**Compliance Statement**

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and, in the case of material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed.

**Forward Looking Statements**

Statements contained in this release, particularly those regarding possible or assumed future performance, revenue, costs, dividends, production levels or rates, prices, or potential growth of Minbos Resources Limited, are, or may be, forward looking statements. Such statements relate to future events and expectations and, as such, involve known and unknown risks and uncertainties. Actual results and developments may differ materially from those expressed or implied by these forward-looking statements depending on a variety of factors.