

# DSO start-up to fund development to feed the Green Steel Future

#### **Disclaimer**

#### Forward Looking and Competent Person Statement



This corporate presentation contains forward looking statements which constitute "forward looking information" within the meaning of securities legislation and "Forward Looking Statements".

- All statements included herein, other than statements of historical fact, are Forward Looking Statements and are subject to a variety of known and unknown risks and uncertainties which could cause actual events or results to differ materially from those reflected in the Forward Looking Statements. The Forward Looking Statements in this corporate presentation may include, without limitation, statements about the company's plans for its exploration projects and future exploration, evaluation and development including drilling activities, quantification of mineral resources, feasibility studies, the construction and development of the Bekisopa Project, the company's business strategy, plans and outlook; the merit of the company's mineral properties; mineral exploration potential, timelines; the future financial or operating performance of the company and cost guidance; expenditures; approvals and other matters.
- Often, but not always, these Forward Looking Statements can be identified by the use of words such as "estimate", "potential", "planned", "open", "future", "assumed", "projected", "calculated", "used", "detailed", "detailed", "detailed", "fused", "gain", "upgraded", "expected", "offset", "limited", "contained", "reflecting", "containing", "conduct", "increasing", "remaining", "to be", "periodically", or statements that events, "could" or be achieved and similar expressions, including negative variations.
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- Although the Company has attempted to identify important factors that could cause actual actions, events or results to differ from those anticipated, estimated or intended. Forward Looking Statements contained herein are based on the assumptions, beliefs, expectations and opinions of management, including but not limited to estimates of future exploration success; expectations on economic viability of any mineral resource identified; expectations regarding future construction costs; expected trends in mineral prices and currency exchange rates; that the company's activities will be in accordance with the company or its properties; that all required approvals will be obtained; that there will be no significant disruptions affecting operations, including the development and construction of the Bekisopa Project or any other project the Company seeks to advance, and such other assumptions as set out herein.
- Forward Looking Statements are made as of the date hereof and the Company disclaims any obligation to update any Forward Looking Statements, whether as a result of new information, future events or results or otherwise, except as required by law. There can be no assurance that Forward Looking Statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, investors should not place undue reliance on Forward Looking Statements. This corporate presentation also refers to non-IFRS financial measures, such as future guesstimate of cash cost per tonne of processed ore and guesstimates of operating cash flow. These measures do not have a standardized meaning or method of calculation, even though the descriptions of such measures may be similar.

#### Competent Person Statement

The information in this statement that relates to Exploration Targets and Exploration Results is based on information compiled by Mr Jannie Leeuwner – BSc (Hons) Pr.Sci.Nat. MGSSA and is a full-time employee of Vato Consulting LLC. Mr. Leeuwner is a registered Professional Natural Scientist (Pr.Sci.Nat. - 400155/13) with the South African Council for Natural Scientific Professions (SACNASP). Mr. Leeuwner has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and the activity being undertaken to qualify as a Competent Person as defined in the Note for Mining Oil & Gas Companies, June 2009, of the London Stock Exchange and the 2012 Edition of the 'Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' (JORC Code). Mr. Leeuwner consents to the inclusion of the information in this release in the form and context in which it appears.

The information in this report that relates to Mineral Processing and related scientific and technical information, is based on, and fairly represents information compiled by Mr Paul Bibby. Mr Bibby is a Metallurgist and Managing Director of Akora Resources Limited (AKO), as such he is a shareholder in Akora Resources Limited. Mr Bibby is a Fellow of the Australasian Institute of Mining and Metallurgy (FAusIMM). Mr Bibby has sufficient experience which is relevant to the styles of mineralisation and its processing under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the JORC Code. Mr Bibby consents to the inclusion in this report of the matters based on his information in the form and context in which it appears including analytical, test data and mineral processing results.

The data in this report that relates to Mineral Resource Estimates and Exploration Targets for the Bekisopa deposits is based on information evaluated by Mr Simon Tear who is a Member of The Australasian Institute of Mining and Metallurgy (MAusIMM) and who 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 in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the "JORC Code"). Mr Tear is a Director of H&S Consultants Pty Ltd and he consents to the inclusion in the report of the Mineral Resource in the form and context in which they appear.

## **AKORA Corporate Overview**



| AKORA Resources           | ASX:AKO        |
|---------------------------|----------------|
| Share Price (at 5-May-23) | \$0.15         |
| Shares Outstanding        | 77.1 million   |
| Market Capitalisation     | \$11.5 million |

| Major Shareholders     | %    |
|------------------------|------|
| Evanachan Limited      | 10.7 |
| Nicholas Axam          | 6.4  |
| John Tumazos           | 5.1  |
| Anderson Family Office | 4.8  |
| Baker Steel            | 3.8  |
| Paul Bibby             | 3.2  |
| Jordan Equities        | 3.0  |
| John Madden            | 2.3  |

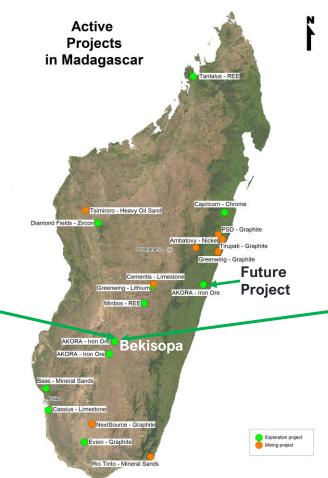


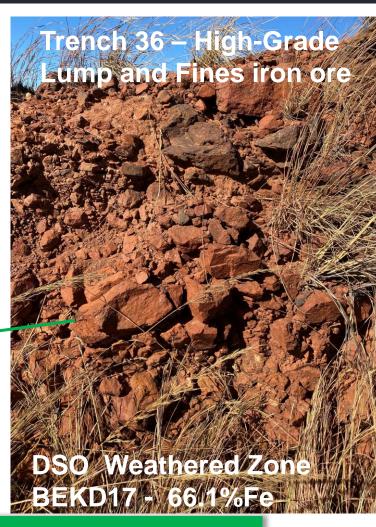
| Board of Directors                 | Commentary                                 |  |
|------------------------------------|--|--|
| Mike Stirzaker (Chair)             | ex-PacRoad, RFC Group, HSBC, KPMG          |  |
| Paul Bibby (MD)                    | 23 years with Rio Tinto, ex-OceanaGold CEO |  |
| John Madden (Exec. Director & CFO) | 19 years with Rio Tinto, ex-ED Indophil    |  |

### AKORA – Madagascar High-Grade Iron Ore





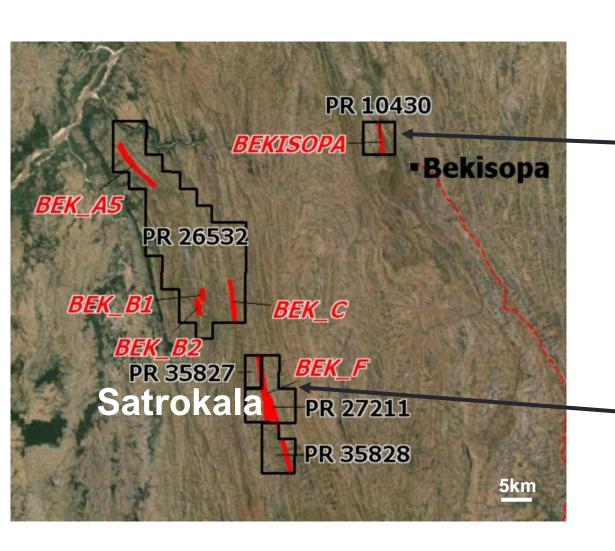




Plan to develop Bekisopa in stages – First deliver High-Grade DSO then a Premium Grade +68% Iron concentrate for Green Steel

## Significant iron ore district – Bekisopa + Satrokala





### **Bekisopa**

Widespread outcrop, 119 rock chips – averaged **66.7%Fe**Ground Magnetic Anomaly – **6 km strike length**Drilling intercepted large iron formation

Maiden Resource – 194.7 Million tonnes

#### Satrokala\*

Unexplored tenements, known magnetic anomaly 66 rock chips – averaged **64.5%Fe**Potentially– **10 km anomaly** 

40 kms closer to Toliara Port

## Bekisopa Maiden Mineral Resource - 194.7Mt



| Bekisopa<br>Zone | Tonnes<br>Mt | DTR<br>% | Concentrate<br>Grade<br>%Fe |  |
|------------------|--------------|----------|-----------------------------|--|
| Northern         | 43.3         | 43.3     | 68.2                        |  |
| Central          | 41.2         | 36.3     | 67                          |  |
| Southern         | 110.2        | 37.8     | 67.6                        |  |
|                  |              |          |                             |  |
| Total (Inferred) | 194.7        | 38.7     | 67.6                        |  |

#### **Bekisopa Geological Advantages**

High Head Grade and Davis Tube Recovery, enables a low 2.5 mined tonnes / product tonne Iron Concentrate Grade 67.6% Fe, at a coarse 75 microns, is better than Green Steel specification Low Silica + Alumina impurity level at 2.4% is well under the 3.5% Green Steel specification

## **Geological Advantage**







High-Grade Direct Ship Ore is outcropping and at surface

Enables a Low capital / Low operating cost staged development

Reinvest to process iron ore to a +68% iron concentrate for Green Steel

## **AKORA – Investment Opportunity**



## **Proving up a Significant Resource**

- Maiden Resource 194.7 MTonnes (drilled only 30% of the Bekisopa 6km strike)
- > Exploration potential 0.5 to 1 Billion Tonnes, just at Bekisopa

#### **Geological Advantage**

- > +64% Iron ore, Lump and Fines (DSO)
- Bekisopa iron mineralization readily upgrades at coarser sizes

#### **Green Steel Potential**

- +68% iron concentrate, importantly with very low impurities.
- Solar powered production site

#### **Geographical Advantage**

- Close to rapidly growing Indian Iron & Steel Industry
- Close to Middle East, producing green DRI pellets

#### **Experienced Management**

- Significant achievements since listing in December 2020
- Success tied to AKORA 6% share ownership

## The key to achieving Green Steel is availability of high grade iron with very low impurity levels



|                                      | Today  | 2050   |
|--------------------------------------|--|--|
| Global Emissions                     | ~7%  | Net Zero   |
| Iron & Steel Making                  | 70% by Blast Furnace, using coal/coking coal               | Electric Arc Furnaces from renewables,<br>Direct Reduced Iron Pellets<br>from natural gas/hydrogen |
| Iron Ore Grade                       | 56 to 65% Fe Lump and Fines                                | >67%* Fe concentrate   |
| Impurity Levels                      | 6 to +8% SiO <sub>2</sub> + Al <sub>2</sub> O <sub>3</sub> | <3.5%* (Ideally <2%*)  |
| CO <sub>2</sub> Emissions/t<br>Steel | ~2t CO <sub>2</sub>  | ~0.2 to 0.6t CO <sub>2</sub>   |

AKORA's very low impurity iron concentrate ideal for Green Steel

<sup>\* -</sup> Midrex Steel – "The Iron Ore Challenge for Direct Reduction on Road to Carbon- Neutral Steelmaking" by C. Barrington June 2022

#### "Premium" Grade Iron concentrate with very low impurities





AKORA's high +25% Fe grades deliver

**70% Iron Concentrate** 

with Ultra low impurity levels

 $0.5\% \text{ SiO}_2, 0.7\% \text{ Al}_2\text{O}_3, 0.003\%\text{P & 0.004\%S}$ 

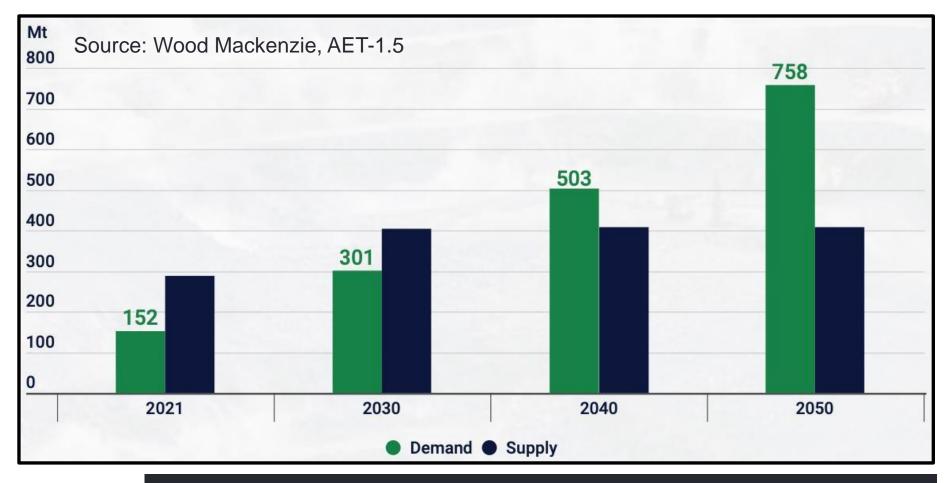
at 75-microns

AKORA is well placed to feed the Green Steel Future.

Quality, Location and Timing.

## 5 FOLD increase in demand for +67% Fe Concentrate Expected by 2050





Significant Supply short fall forecast 2040 onwards

AKORA iron should be available at the right time

## Transition to Green Steel gaining momentum



#### Climate change: green steel production requires multiple solutions, no 'silver bullet', report says

- Multiple technologies like carbon dioxide capture and energy-efficient iron ore reduction are being trialled amid decarbonisation efforts, according to McKinsey
- •China's steel industry has been experimenting with similar technologies to meet Beijing's edict that it reach peak carbon emissions before 2030

Eric Ng, Business, Published: 3:30pm, 4 May, 2023

Brookfield Eyes \$15 Billion Investment In Green Steel By Irina Slav - May 02, 2023, 1:20 AM CDT

## Germany fights to green production of most important commodity

Bloomberg News | April 22, 2023 | 8:37 pm Intelligence Europe Iron Ore

## Japan's top steelmaker eyes \$700 million 'green steel' project

Bloomberg News | March 3, 2023 | 7:38 am Energy Asia Coal Iron Ore

#### **Decarbonizing China's Steel Industry**

By <u>The Jamestown Foundation</u> - Mar 20, 2023, 12:00 PM CDT

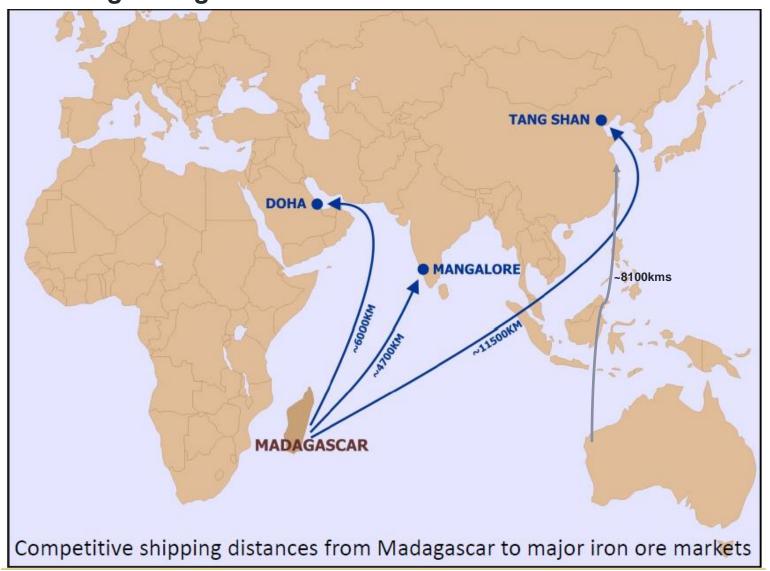
## Geographical Advantage



Close to growing Indian and Middle East markets and into Asia.

Middle East Producing Green DRI Pellets

India - Steel
Production to
double by 2030
from
133Mt to 255Mt.

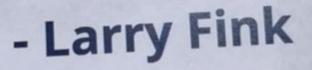


## AKORA Resource – AKO ASX Iron feed for Green Steel



# "... the next 1,000 unicorns -

companies that have a market valuation over a billion dollars — won't be a search engine, won't be a media company, they'll be businesses developing green hydrogen, green agriculture, green steel and green cement."



**CEO of BlackRock** 

**USD 10 trillion AUM** 

