Powering the transition to a cleaner future

EFTECH RESOURCES

EUREKA REE Project, Namibia

CORPORATE PRESENTATION - SUMMARY Sept 2022

E-Tech Resources are exploring for the rare earth elements necessary to drive the global transition to clean energy

www.etech-resources.com

TSXV: REE | FSE: K2i





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The technical and scientific information in this presentation has been reviewed and approved by Pete Siegfried, BSc. (Hons), M.Sc., who is a Consulting Geologist and a director of GeoAfrica Prospecting Services cc and has reviewed and approved the scientific and technical information in this presentation. Mr. Siegfried is a member of The Australasian Institute of Mining and Metallurgy (AusIMM) membership number: 221116 (CP Geology), and a Qualified Person for the purposes of National Instrument 43-101. Mr. Siegfried consents to the inclusion of this information for the presentation.

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Forward Looking Information



















Neodymium (Nd) is used to make <u>high strength & high-</u> performance neodymium magnets

Smart solutions to clean energy sourcing, and efficient power transmission, will be key to our future interconnectivity.

High-performance materials 03 are essential for <u>reliable</u> <u>e-mobility</u> and <u>renewable</u> energy generation.

Nd is a key rare earth element 04 (along with Praseodymium) to the high-growth, hi-tech markets that support a circular economy.

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High-Strength Neodymium Magnets (NdFeB) are used in:

- Electric Vehicles (Full electric and hybrids)
- Wind Turbine generators
- Consumer Electronics •
- Speakers
- Defence sector •
- Conventional ICE Vehicles
- Other E Mobility
- Air Conditioning

INTRODUCTION

WHY NEODYMUM?







Nd & Pr Price

Increase

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The REE magnet materials Nd and Pr have experienced more than 150% price increase over the last 2 years.

Anticipated deficit for REE magnet supply



Increasing domestic demand in China

Expected deficit of REE magnet material supply



Complex and disruptable supply chains

Monopolistic & opaque supply from China

High dependency on import from China



Underinvestment in ex-China value chains



Opaque ESG compliance in China – manufacturers increasingly keen to track ethical sources of raw materials







industrial applications.

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NdPr – Neodymium Praseodymium TREO – Total Rare Earth Oxide PMSG – Permanent Magnet Synchronous Generator

NdPr OXIDE

EQUALS **25,000** ⁻ NdPr Oxide



* Supply = Production + Inventories

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Source: Adamas Intelligence

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Rare earth oxide demand by element (volume & value), 2030

geopolitical concerns = high price = high value of NdPr

COMPANY DETAILS

Board & Management Team



In addition to holding the position of Managing Director, Jim Megann is also an accomplished executive and business leader. He is a Director of Torrent Capital, a publicly traded investment issuer; Director of Antler Gold; Director of OARO; and a Director of Sona Nanotech, a nano technology developer currently listed on the Canadian Stock Exchange.

CFO CANADA **ROB RANDALL**

A contract CFO for a number of public companies including Torrent Capital, Antler Gold and Sona Nanotech. Rob has extensive financial experience working within many African countries overseeing all financial aspects of resource exploration and production activities.





The management team have a proven track record in mineral exploration, REE process development and financing.

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PROF FRANCES WALL GEOLOGY, UK



KEN MARSHALL ENERGY, CANADA

JOHN PHILPOTT

HUMAN RESOURCES, CANADA



CHRIS DRYSDALE

EXPLORATION, NAMIBIA

PARTNERSHIPS

Exploration > Mining > Processing







Exploration Drilling

Mineral Processing Mineralogical Test Work





& Mine Modelling

Resource Auditing Mineral & Metallurgical Processing





Assay Testing

What are we currently targeting at Eureka?



One of the simplest earth element (REE) projects globally



Simple Mineralogy

- High grade TREO is predominantly contained in coarse grained monazite, hosted within numerous carbonatite dykes.
- In-situ average grade 4.8% TREO, as stated in maiden Inferred resource (NI43-101, Aug 2021).
- Additional exploration underway to assess overall footprint of the mineralization and increase tonnage.

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Simple Operations

- 0
- equipment.

Simple ogistical Management

A Simple NdPr Project

Initial mechanized mining of dykes from open pits. Monazite beneficiated by low-cost physical methods only. No hazardous chemicals or expensive reagents required. Monazite concentrate recovered using off-the-shelf beneficiation

- Located in flat topography adjacent to the major highway.
- Direct road and rail connections to Namibia's largest commercial • port.
- Amenable shipping handling due to low radioactive content in the monazite.
- Access to power and water.
- Experienced Board and Management, in-country and with access to offtake partners.





GRAVITATIONAL **CONCENTRATION**

MAGNETIC SEPARATION

MONAZITE CONCENTRATE



EXPLORATION POTENTIAL

- Inset map of immediate exploration potential. Zones 1, 2, 3 & 4 in the south.
- Purple areas represent surface expression of carbonatitic dykes.
- The current mineral resource estimate from 2017 programme is marked by red collars to a max depth of 60m.
- Between Q4 2020 & Q2 2022 8000m diamond core (DD) drilling and 6000m of RC drilling diamond core drilling has been completed across 2 campaigns.
- Blue DD & RC collars are from Campaign 1 2021 where assays have been received & announced.
- Yellow collars are from Campaign 2 2022 where DD & RC assays are pending (as of July 2022).
- The results will contribute to a revised Mineral Resource Estimate (MRE) collated after exploration activities have been concluded.
- Zone 4 (Z4) is a new area & 1st RC results are pending
- The deposit is open in all directions & to depth.
- A wider detailed ground geophysical survey is currently underway beyond the area shown in the map to identify wider follow-up targets.

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EXPLORATION POTENITAL

Only 2.2% Explored

Total Area of EPL 6762

3,474 ha* (34,737,800 m2)**

Area explored to date (Zone 1-4)

> 76 ha* (759,700 m2)**

* Rounded to nearest 1 | ** Rounded to nearest 100

WHAT HAS THE COMPANY PLANNED MOVING FORWARD?

Currently conducting a widespread ground magnetic survey program totalling 1060 line-km's

Simultaneously conducting a wide-spread ground radiometric survey totalling 1224 line-km's

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Unexplored Area to date

3,398 ha* (33,978,100 m2)**

COMPANY DETAILS

2021

Milestone Planning

E-Tech Resources planned activities

111-

2022

Q3 2021 Drilling Program Campaign 1 Q4 2021 – Q2 2022 Drilling Program Campaign 2

Q3-Q4 2022 Radiometric Geophysical Survey to define new areas & drill targets

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Onwards Interpreting exploration results & Updated Mineral Resource Estimate (MRE)

How is the project funded?

Where are you listed?

Capital Structure

Market Capitalization

COMPANY DETAILS Financials

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By 100% Equity Capital

We are dual listed: primarily on the TSX-V & co-listed on the Frankfurt Stock Exchange

Issued & Outstanding 82,971,530 Options 3,175,000 Warrants 1,400,000

> Share Price C\$ 0.15 Market Cap | C\$ 12,445,730 Cash C\$ 1.1m

> > As at 19 Sept 2022

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ESG Protoco

COMMITTED TO HIGHEST STANDARDS OF ENVIRONMENTAL, SOCIAL & CORPORATE GOVERNANCE

Health & Safety

- installing well defined HSSE policies and measures
- guaranteeing low emittance of radioactivity
- securing localised dust management measures

3 GOOD HEALTH AND WELL-BEING

Community Support

- performing social studies and relief measures
- supporting of regional community and social services
- delivering regional industrial development potential

Best Practice & Transparency

- installing responsible company codes & policies
- securing high-standard ESG principles
- developing towards certification for sustainable practices

- Value Chain Management
- selecting sustainable cooperation partners
- advocating stakeholder involvement
- securing long term business growth and value-add

• EIA by ASEC Namibia

- Follow board approved Corporate Codes, Policies, Charts, Guidelines
- Own Sustainability Advisory Board with ESG experts installed
- Adhere to relevant United Nations SDG
- Adhere to Project Readiness Standard (by project due diligence)
- Work with European REIA, as member of ESG Board
- Contribute to Lifecycle analysis (LCA)
- Ongoing environmental and social impact assessment

FACTORS FOR SUSTAINABLE **PROJECT VALUE**

Value Sustainability

FAVOURABLE **GEOGRAPHY, INFRASTRUCTURE & RESOURCE CHARACTERISTICS**

EXCELLENT **TECHNICAL PROCESSING CONDITIONS & PRODUCTION STANDARDS**

SUSTAINABLE **PROJECT CONDITIONS ARE ACTIVELY MANAGED**

HIGHLY COMPETITIVE **MARKET POSITIONING & HIGH GROWTH MARKET DEVELOPMENT**

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Stat Brill

THANK YOU

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