



The Future of **Gold Recovery**



FORWARD LOOKING STATEMENTS

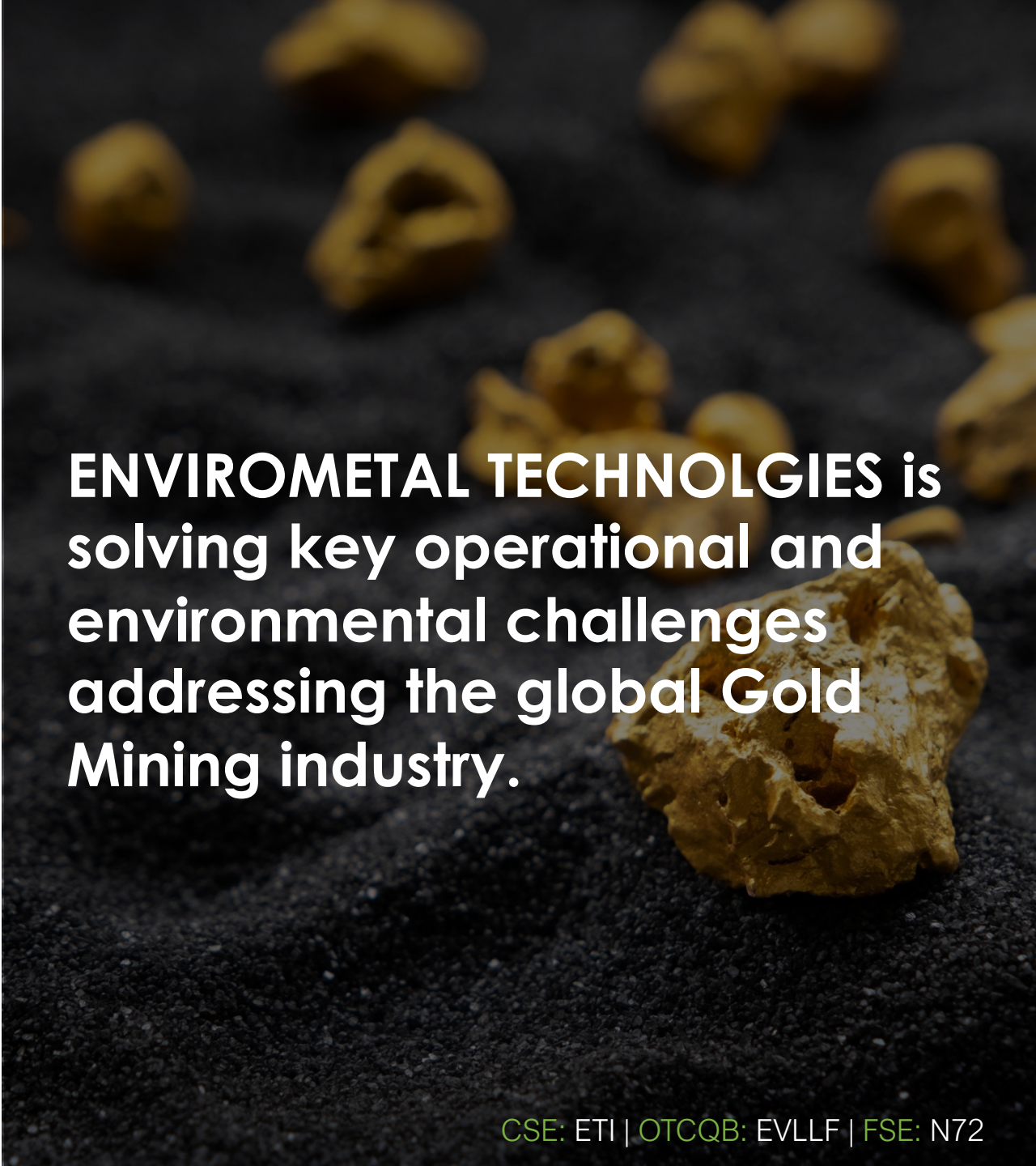
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CHALLENGES FACING GOLD MINING

GOLD MINING faces several processing challenges:

- 1. Environment.** Cyanide is the most common gold recovery reagent used. It is toxic, poses operational risk and is widely opposed.
- 2. Cost.** Smelting charges and logistics are costly for miners. Smelting also generates considerable carbon emissions.
- 3. Social.** Miners are under pressure to increase efficiency, reduce cost and environmental risk.



ENVIRONMENTAL TECHNOLOGIES is solving key operational and environmental challenges addressing the global Gold Mining industry.



THE FUTURE OF GOLD RECOVERY

EnviroMetal Technologies is an innovative precious metal recovery company.

We make gold producers better by:

1. Improving project economics
2. Reducing risk
3. Improving stakeholder, regulatory and investor relationships

MISSION

To change the way miners recover gold.

VISION

To provide superior gold recovery solutions to unlock the full value of our clients' assets.



VALUE FOR MINERS

1. Financial

- Increased margins from existing production

2. Operational

- Reduced grade variance, treatment charges, transport
- No wastewater, cyanide destruction, smelting, tailings ponds
- Scalable from 1 tonne/day

3. EHS

- Safe, simple operating
- Reduced Scope 3 emissions
- Reduced environmental risk

A value-adding, enabling technology...

with pass through environmental and social benefits.



1. Commercializing innovations

- TRL 7

2. Patented

- IP & supporting trade secrets

3. Sustainable

- Numerous environmental advantages
- Non-cyanide, non-acidic reagents
- Robust, reusable lixiviant

4. Novel

- Proprietary process uses readily available equipment

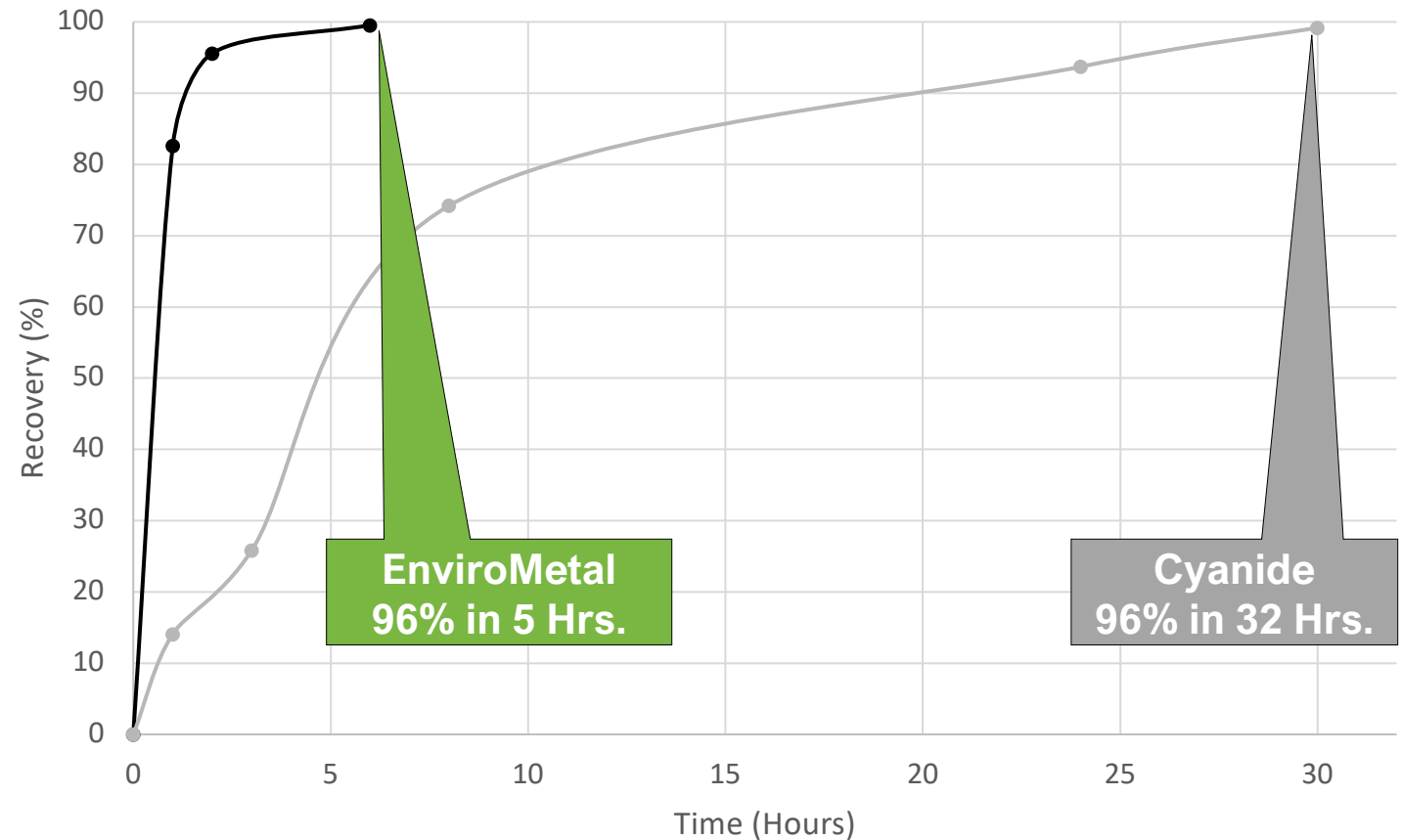
Gold Concentrate Processing

- Gravity
- Flotation
- Pre-treated refractory
- w/deleterious metals (As)



HOW ENVIROMETAL COMPARES TO CYANIDE

1. Generally equal or shorter residence time
2. Comparable recoveries

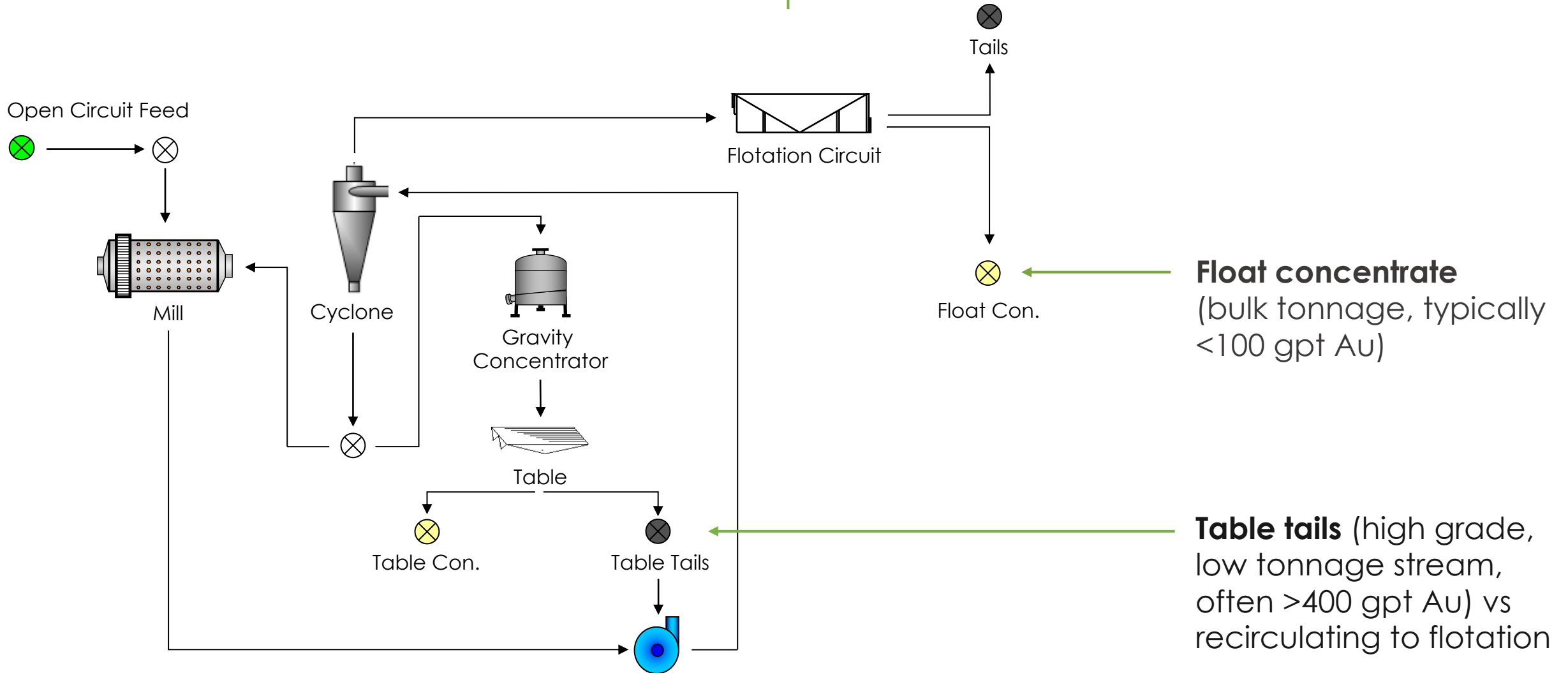


Independent Cyanide Comparison Test





WHERE ENVIROMETAL FITS PROCESS FLOWSHEET





COST & PERFORMANCE

1. Cost

- **US\$83 per tonne** reagent operating costs
- **US\$0.26 per gram** of gold recovered
- Performance expected to be commensurate with concentrates of varying gold grades

2. Performance

- **98.7% reagent** recoverability
- Lixiviant effectiveness over multiple leach cycles
- **88-92% gold** recovery rates

Program processed high grade (~420 g/t Au) gravity concentrate

**Operating economics
audited and verified by
SGS Canada - Jan 2023**



GOLD RECOVERY VS SMELTER PAYMENTS

EnviroMetal reported more recovered gold than paid for by assay protocols

- 1.** Purchased 1,671 kg gravity gold concentrate at 450 gpt Au
- 2.** Processed concentrate calculated grade of 485 gpt Au
- 3.** **Realized increase of 35 gpt Au (US\$2,100 per tonne) vs smelter contract**

Assay protocols are inherently variable and inaccurate, typically favoring smelters.

On-site gold recovery improves gold sales revenues vs smelting



GLOBAL GOLD INDUSTRY & TARGET MARKETS

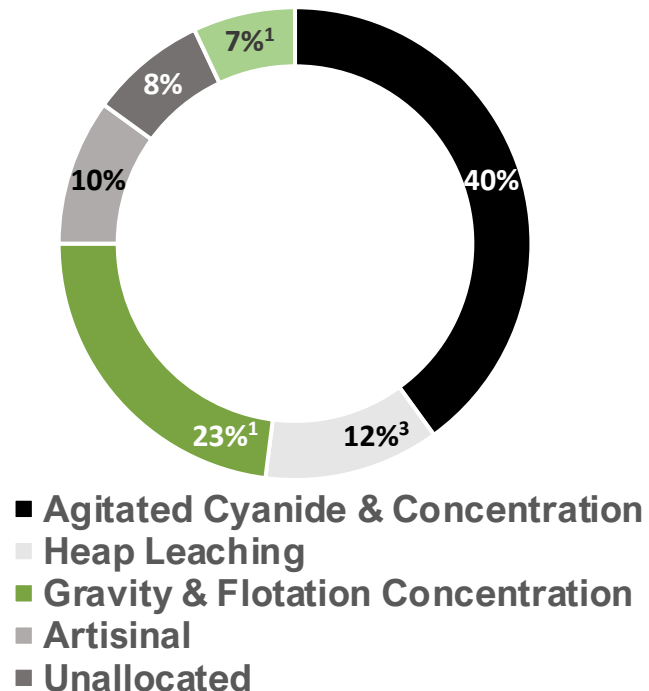
Target Markets

US\$65.65B

Total addressable market value

115.1M oz 2021 Global Gold Production¹

Production Processes



1. Gravity & Flotation Concentrates¹

- 26.47 M Oz produced annually
- **US\$47.65B** metal value²

2. Oxidative Pretreated Concentrates¹

- 10.0 M Oz produced annually
- **US\$18.0B** metal value²

References:

- 1 World Gold Council 2021 estimated global production
- 2.US\$1800 oz Au
3. <https://www.911metallurgist.com/blog/heap-leaching>



ENVIROMETAL LICENSING BUSINESS MODEL

- 1. Recurring revenues** for life of asset
- 2. Limited sustaining costs** for EnviroMetal
- 3. Growth strategy** revenue target:
 - 1-3 gravity streams fund EnviroMetal's annual budget
 - 3 mid tier gold mines totaling 1 million Au oz (<1% global gold production) processed generate revenues of est. \$35 million

License fee structure flexibility ensures client benefit.



FUNDING SUPPORT THE MICA NETWORK



Benefits for ETI:

- 1. Financial support** for commercial pilot plant construction and installation on mine site
- 2. 30% contributions up to \$1.734M**
- 3. Broadened exposure** within the mining industry additional non financial support

The MICA Network

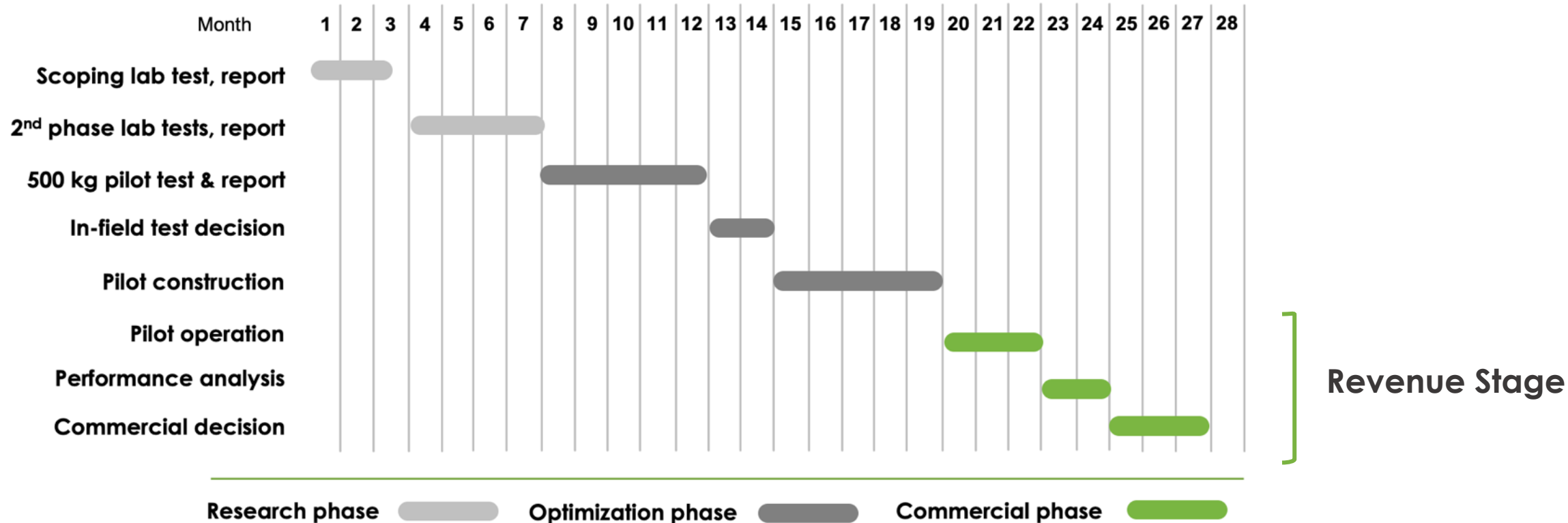
“accelerates the commercialization of innovative technologies to make the mining sector more productive and sustainable.”

Theme Coverage:

- 1.** Lower production cost
- 2.** Reduce energy consumption and GHG emissions
- 3.** Reduce environmental risk and long-term liabilities

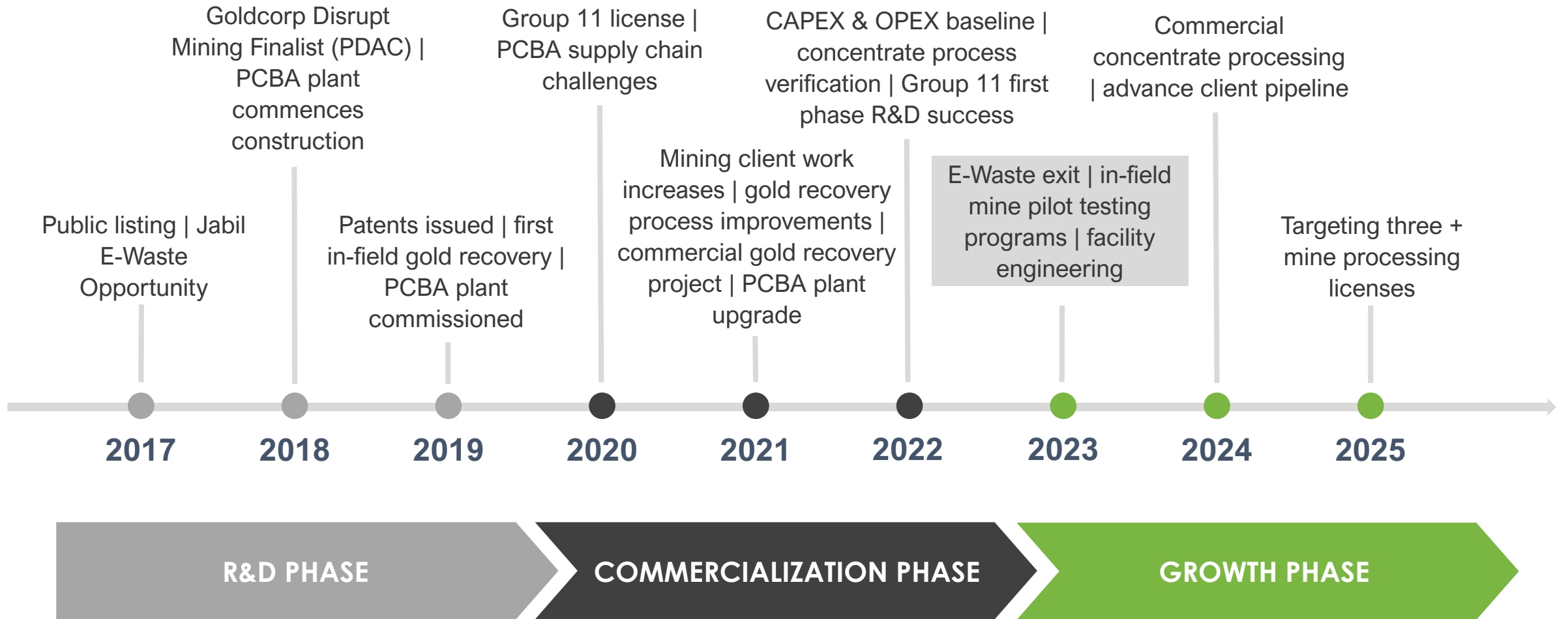


ETI MINING SALES CYCLE





PAST PRESENT AND FUTURE





INVESTMENT CONSIDERATIONS

1. Market

- Global industry
- Market niche UB\$45B
- Seeking risk and cost reduction by innovation

2. Technology

- Commercialization ready
- IP protected
- Stable, safe operating parameters
- Scalable

3. Client Impact

- Recovers more gold on site
- Improves operating cost
- Improves social license
- Lowers downstream emissions & water use
- Unlocks opportunity where cyanide is opposed

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Priority opportunities identified

2

Testing programs

2

Licensing opportunities in 2023

2024

Expected revenue



OUR TEAM

Management



Wayne Moorhouse, CFA
President & CEO



Hanif Jafari, M.Eng.
CTO



Jason Leikam,
VP Business Development

A focused team leveraging extensive experience in extractive metallurgy, mining, finance, and venture capital.

Board of Directors



Mel Lavitt,
Co-Chair of the Board



Court Anderson, B.S.J.D.
Director



Ken McNaughton, P.Eng.
Director



Alexander Ruckdäschel,
Director

Structure

Shares

Issued & Outstanding	107,928,458
Warrants	14,470,276
Stock Options	9,985,000
Fully Diluted Shares	132,383,734

Capital Raised to date

Proceeds	\$31.225M
Share Issuances	68.928M
Formation Issuance (spin out & asset acquisition)	39M
Average Issuance Price	\$0.49

Private Placement

Q3 2023

Gross Proceeds	\$2,000,000
Unit Price @ TBD	-
Use of Proceeds:	
Working Capital	\$1,300,000
Business Development	\$500,000
Research & Development	\$200,000



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CSE: ETI | OTCQB: EVLLF | FSE: N72