ASX:TIO | CSE:TMAS | OTCQB:TMASF | FRA:26PO | TEMASRESOURCES.COM | TEMAS

CORPORATE PRESENTATION

TEMAS

Revolutionizing Metal Processing and Production

Reshoring of Western Metals Processing. Proprietary IP. Global Licensing. Titanium & Critical Minerals.

JULY 2025

DISCLAIMER

Forward Looking Statements

Information included in this release constitutes forward-looking statements. Often, but not always, forward looking statements can generally be identified by the use of forward looking words such as "may", "will", "expect", "intend", "plan", "estimate", "anticipate", "continue", and "guidance", or other similar words and may include, without limitation, statements regarding plans, strategies and objectives of management, anticipated production or construction commencement dates and expected costs or production outputs. Forward looking statements inherently involve known and unknown risks, uncertainties and other factors that may cause Temas Resources Corp. (the "Company") actual results, performance, and achievements to differ materially from any future results, performance or achievements. Relevant factors may include, but are not limited to, changes in commodity prices, foreign exchange fluctuations and general economic conditions, increased costs and demand for production inputs, the speculative nature of exploration and project development, including the risks of obtaining necessary licenses and permits and diminishing quantities or grades of reserves, political and social risks, changes to the regulatory framework within which the company operates or may in the future operate, environmental conditions including extreme weather conditions, recruitment and retention of personnel, industrial relations issues and litigation. Forward looking statements are based on the Company and its management's good faith assumptions relating to the financial, market, regulatory and other relevant environments that will exist and affect the Company's business and operations in the future. The Company does not give any assurance that the assumptions on which forward looking statements are based will prove to be correct, or that the Company's business or operations will not be affected in any material manner by these or other factors not foreseen or foreseeable by the Company or management or beyond the Company's control.

Although the Company attempts and has attempted to identify factors that would cause actual actions, events or results to differ materially from those disclosed in forward looking statements, there may be other factors that could cause actual results, performance, achievements or events not to be as anticipated, estimated or intended, and many events are beyond the reasonable control of the Company. Accordingly, readers are cautioned not to place undue reliance on forward looking statements. Forward looking statements in these materials speak only at the date of issue. Subject to any continuing obligations under applicable law or any relevant stock exchange listing rules, in providing this information the Company does not undertake any obligation to publicly update or revise any of the forward looking statements or to advise of any change in events, conditions or circumstances on which any such statement is based.

Cautionary Statements and Important Information

This presentation has been prepared by the Company as a summary only and does not contain all information about assets and liabilities, financial position and performance, profits and losses, prospects, and the rights and liabilities attaching to securities. Any investment in the Company should be considered speculative and there is no guarantee that they will make a return on capital invested, that dividends would be paid, or that there will be an increase in the value of the investment in the future.

The Company does not purport to give financial or investment advice. No account has been taken of the objectives, financial situation or needs of any recipient of this presentation. Recipients of this presentation should carefully consider whether the securities issued by the Company are an appropriate investment for them in light of their personal circumstances, including their financial and taxation position.

Competent Persons Statements

The information in this document that relates to Exploration Results and Mineral Resources is extracted from the Company's ASX Announcement on April 1, 2025 ("Original ASX Announcement") which is available to view at Temas Resource Corp's website at www.temasresources.com.

The Company confirms that a) it is not aware of any new information or data that materially affects the information included in the Original ASX Announcement; b) all material assumptions and technical parameters underpinning the Mineral Resource Estimate included in the Original ASX Announcement continue to apply and have not materially changed; and c) the form and context in which the relevant Competent Persons' findings are presented in this report have not been materially changed from the Original ASX Announcement.

RESHORING - FULLY INTEGRATED TITANIUM SOLUTION FROM MINE TO END USER

Temas is a differentiated metals processing business with patented metallurgical IP processing technology aiming to be commercialized via strategic partnerships, licensing deals and Temas' fully integrated strategic North American mineral exploration assets.

TECH: Metallurgical IP and Technology Licensing

Patented metallurgical IP delivering superior operational economics and environmental performance.

Key Highlights:

- Temas owns 11 novel process patents, known as Regenerative Chloride Leach ("RCL") technology, providing consistent benefits transferable to new minerals.
- Verified significant cost reduction: over 65% validated for TiO_2 processing, due to reagent recycling, optimized recovery, and lower energy use.
- RCL technology has demonstrated the capability to produce high-quality 99.8% TiO_2 from pilot studies.
- Temas is actively pursuing global licensing opportunities, with third-party companies currently evaluating Temas IP for potential operations in Indonesia, Australia, and North America.

FEEDSTOCK: North American Mineral Exploration

Strategically positioned exploration projects focused on securing critical mineral supply.

Key Highlights:

- **La Blache Project (Quebec):**
  - 130 mineral claims (~7,000 hectares), inferred resource of 208.5 Mt @16.5% TiO_2 Eq., significant exploration potential confirmed by previous drilling.
  - Plans include additional HQ diamond drilling and resource upgrade to Measured and Indicated status.
- **Lac Brule Project (Quebec):**
  - 36 mineral claims, high-grade hemo-ilmenite deposit with areas up to 34% TiO_2.
  - Immediate development plans aimed at reaching a Preliminary Economic Analysis (PEA) stage by 2026.

INVESTMENT HIGHLIGHTS

01 PATENTED METALLURGICAL TECHNOLOGY:

Owns 11 novel process patents (Regenerative Chloride Leach – RCL), validated through pilot studies producing 99.8% purity TiO_2.

02 STRATEGIC NORTH AMERICAN EXPLORATION PROJECTS:

Fully-owned advanced mineral properties (La Blache & Lac Brule) in Quebec, Canada, featuring substantial inferred resources and established infrastructure.

03 GLOBAL JOINT VENTURE POTENTIAL:

Actively pursuing Licensing or Partnering and partnership deals with mining companies in Australia, Indonesia, the USA, and Canada, enabling immediate revenue streams.

04 SIGNIFICANT COST REDUCTION & SUSTAINABILITY:

Verified 59.2%–69.7% lower production costs than industry standards, driven by closed-loop reagent recycling and reduced environmental footprint.

05 ROBUST ESG COMMITMENT:

Technology significantly reduces carbon emissions and environmental impact, supported by proactive local community and indigenous stakeholder engagement.

06 EXPERIENCED LEADERSHIP & ATTRACTIVE VALUATION:

Proven management team skilled in commercializing complex metallurgical projects, presenting investors an undervalued opportunity with clear near-term catalysts.

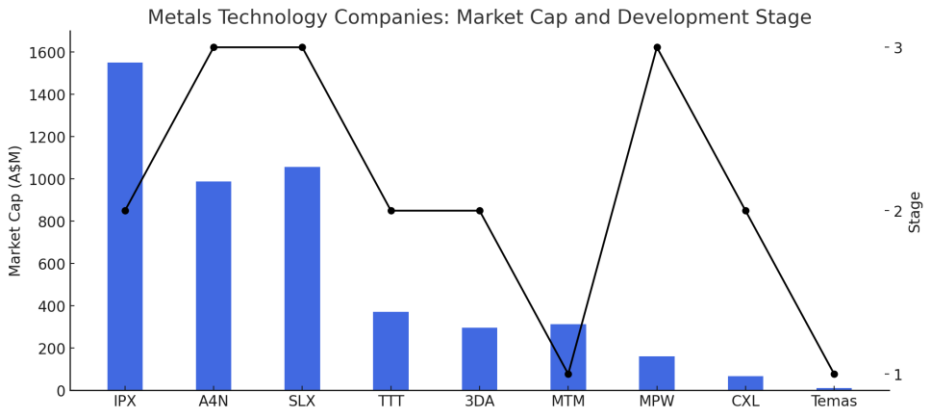
"Temas Resources offers investors a unique combination of patented metallurgical technology with proven cost advantages and strategically positioned Canadian mineral projects, providing a sustainable solution to global critical metal supply vulnerabilities and substantial growth potential. Through Joint Venture or licencing opportunities, Temas is well positioned to capitalise on the two business divisions."

Kyler Hardy, Executive Chairman & Director

BENCHMARKING TEMAS TO ITS PEERS

Company	Symbol	Type	Market Cap (AUD $M)	Share Price (AUD)	Development Stage	Stage (1-Early, 2-Development, 3-Commercial)
Temas Resources Corp.	CSE: TMAS	Metal Recovery Tech / TiO2 Exploration	$10	$0.28	Prototype; Pilot plant underway	1
IperionX Ltd.	ASX:IPX	Titanium recover and manufacturing technology	$1,436	$4.33	Advanced pilot	2
Silex Systems Ltd.	ASX:SLX	Uranium processing tech (laser-based)	$1,057	$4.21	Commercial scale production	3
Metal Powder Works Ltd.	ASX:MPW	Metal additive manufacturing company, metal powder production	$162	$1.45	Commercial with Patents	3
Alpha HPA Ltd.	ASX:A4N	High purity alumina production from waste	$989	$0.91	Commercial scale production	3
Titomic Ltd.	ASX:TTT	Metal additive manufacturing technology	$371	$0.29	Advanced pilot	2
Amaero Ltd.	ASX:3DA	Metal additive manufacturing company, metal powder production	$297	$0.42	Advanced pilot	2
Calix Ltd.	ASX:CXL	Electric kiln heating technology	$67	$0.41	Advanced pilot for Li refining	2
MTM Critical Metals Ltd.	ASX:MTM	Metal recovery tech (rapid heating & chemistry)	$314	$0.62	Prototype; Pilot plant underway	1

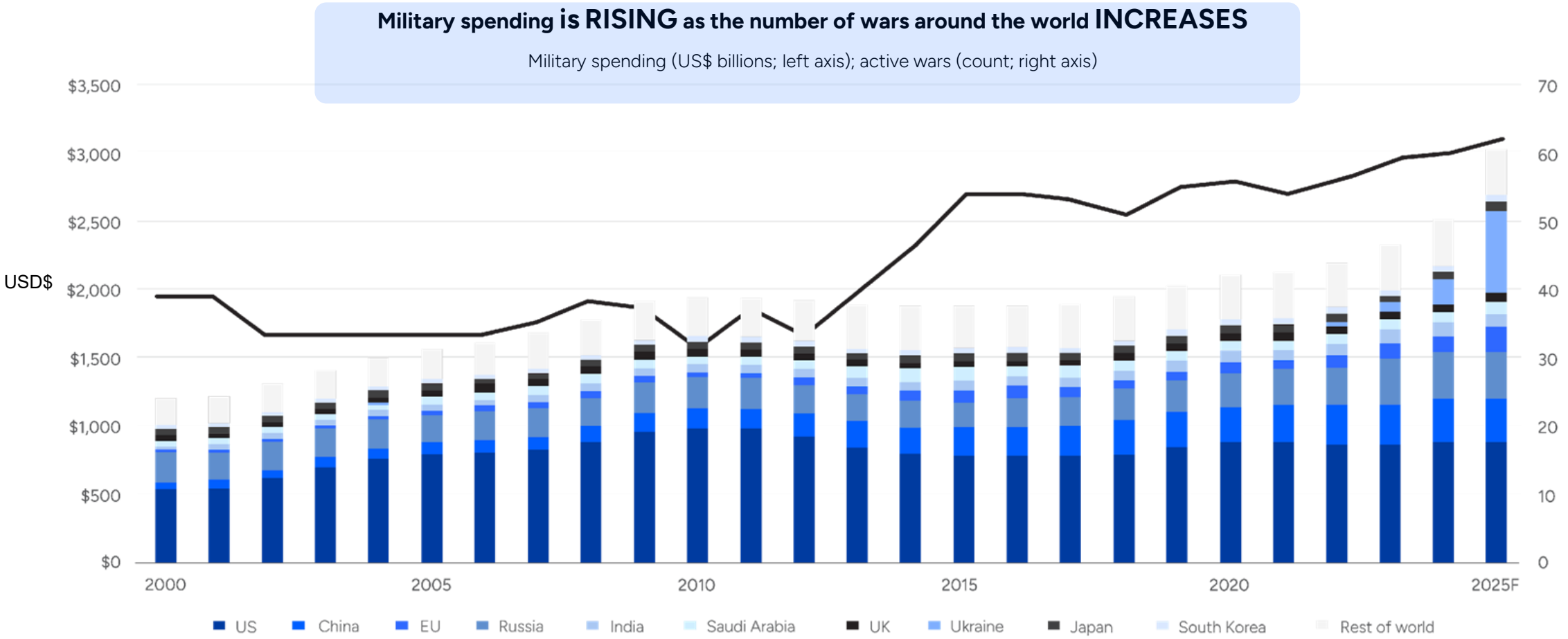
Market Cap (A$M) - Peers on ASX vs Temas Resources



GLOBAL DEFENSE SPENDING HIT US$2.46 TRILLION IN 2024

Growing by 7.4% annually. It is expected to increase further in 2025 as geopolitical tensions continue to rise and NATO member nations increase defense spending as a % of GDP towards 5%.

The dedicated "Titanium for Military" market is estimated at US$9.57 billion in 2024.



Note: Historical data through 2023 is an aggregate of the underlying data. Forecast data for 2024 and 2025 is based on the continuation of trends based on a three-year rolling average.

Sources: Stockholm International Peace Research Institute (SIPRI); UCDP/PRIO Armed Conflict Dataset version 24.1; EY analysis.
Global Titanium for Military Market Research Report (Sept 15, 2024) https://www.wiseguyreports.com/reports/titanium-for-military-market

TITANIUM AS A CRITICAL DEFENSE INDUSTRY METAL

- High strength-to-weight ratio

  Titanium alloys have a far higher strength-to-weight ratio than aluminum and magnesium alloys

- 45% Lighter than Steel

  Titanium alloys can be 3-5x stronger than stainless steel

- Superior Corrosion Resistance

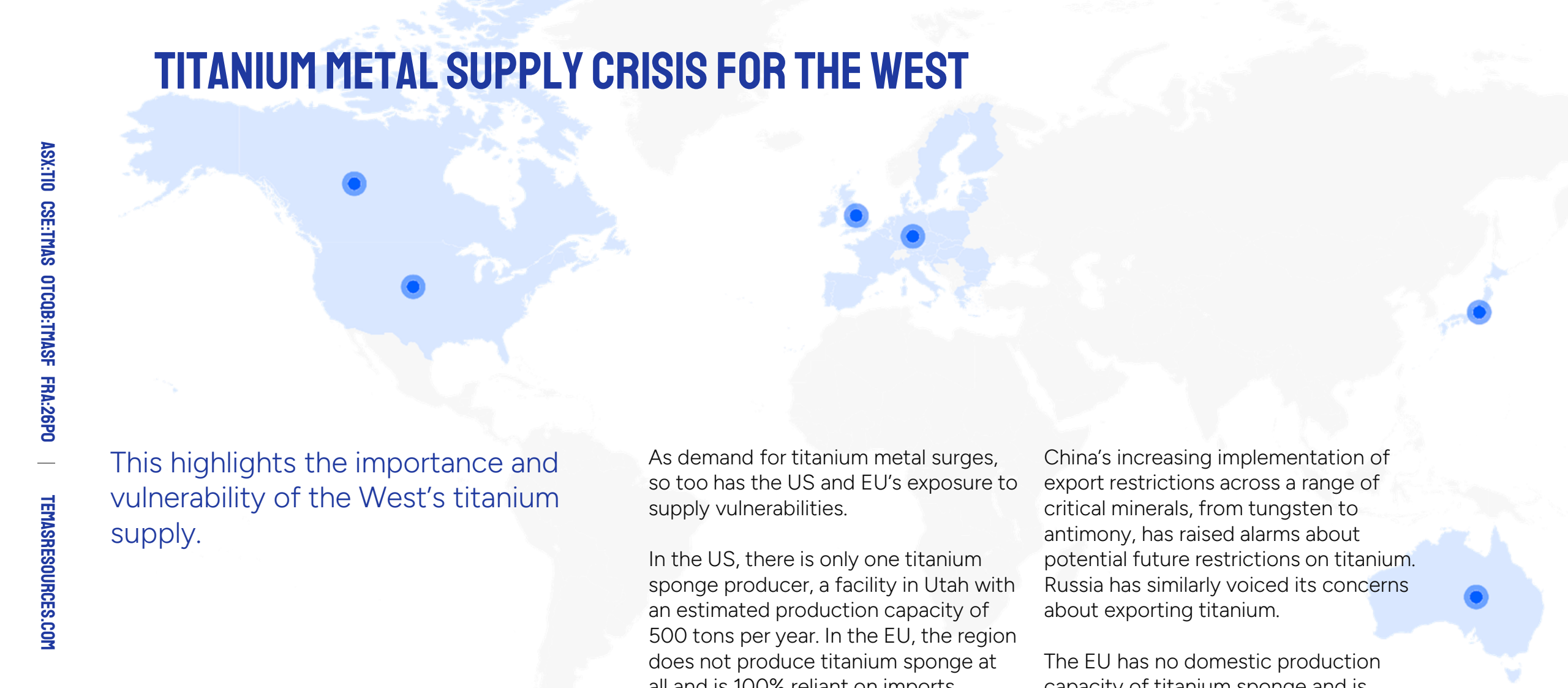
  Durable, long-life products that don't need paint

Lockheed Martin F-35 Lightning II
~20% titanium by weight

Consumer Electronics
Titanium used in frames and enclosures

TITANIUM HAS SUPERIOR MATERIAL PROPERTIES THAT ARE PRIZED ACROSS ADVANCED INDUSTRIES

TITANIUM METAL SUPPLY CRISIS FOR THE WEST



This highlights the importance and vulnerability of the West's titanium supply.

As demand for titanium metal surges, so too has the US and EU's exposure to supply vulnerabilities.

In the US, there is only one titanium sponge producer, a facility in Utah with an estimated production capacity of 500 tons per year. In the EU, the region does not produce titanium sponge at all and is 100% reliant on imports.

China's increasing implementation of export restrictions across a range of critical minerals, from tungsten to antimony, has raised alarms about potential future restrictions on titanium. Russia has similarly voiced its concerns about exporting titanium.

The EU has no domestic production capacity of titanium sponge and is therefore a net importer of titanium metal, with an import-to-export ratio of 10:1. In particular, supply from high-quality TiO2 deposits in Ukraine have been disrupted due to the war.

The US, EU, UK, Canada, Australia and Japan all classify titanium as a critical mineral.

TECH:
METALLURGICAL IP AND TECHNOLOGY LICENSING

Patented Technology Driving Lower Costs, Superior Margins, and Global Licensing Opportunities

“The Regenerative Chloride Leach technology platform, fundamentally changes the economics and sustainability of critical metal extraction. By significantly reducing both operational costs and environmental impact, we are positioned to become a global leader in innovative metallurgical solutions.”

Kyler Hardy, Executive Chairman

REGENERATIVE CHLORIDE LEACH "RCL" MULTI-METAL STRATEGIC ADVANTAGE

Diversification: This multi-mineral capability allows Temas to diversify beyond a single commodity, opening up revenue streams from Nickel, precious and platinum group metals, REEs or other critical minerals as market conditions and strategic opportunities dictate.

Flexibility in who we are available to partner with further diversifies potential revenue streams leveraged from the IP while effectively managing the risks.

Enhanced Project Economics: For polymetallic deposits, RCL offers the potential to extract multiple valuable metals from a single feedstock, significantly enhancing project economics with cost reductions up to 65%

Broader Joint Venture Appeal: As a licensable technology, RCL's proven adaptability to various minerals, including those listed in our IP like Nickel, dramatically widens its market appeal to miners globally who are looking for innovative solutions for their specific resources.

Temas is actively pursuing **global licensing opportunities**, with third-party companies currently evaluating Temas IP for potential operations in **Indonesia, Australia, and North America**.

SIMPLIFIED RCL TIO2 FLOWSHEET AND LAYOUT – HOW WE PROCESS THE FEED

COMPARISON OF ORF-RCL PROCESS FOR TITANIUM PRODUCTION

Cheaper and more energy efficient:

A University of Minnesota study on ORF Technologies' patents concluded that the TiO_2 recovery process could slash production costs by ~ 50-65%, and the process is also less energy-intensive compared to the industry standard.

Massive sector tailwinds:

The global market for TiO_2, valued at US$21.23 billion, is anticipated to grow at a compound annual growth rate of 6.2% through 2032, signifying a substantial opportunity for ORF Technologies' efficient recovery process.

Our technology as a platform:

ORF Technologies' patented process can produce high-quality Titanium Dioxide (TiO_2) from low-grade materials and is applicable to all ilmenite ores, including those rich in Chromium (Cr), Cobalt (Co), and Vanadium (V), thus enabling the extraction of additional value from elements that are typically not recoverable with other methods.

		Sulphate	Chloride	ORF - RCL
Technical	History	1918 (Titan Company)	1948 (Chemours)	Patented (Temas)
	Process Type	Hydrometallurgical	Pyrometallurgical	Hydrometallurgical
	Process Conditions	Hydrometallurgical (up to 180 C, 85-92% H2SO4)	Pyrometallurgical (up to 1200 C)	Hydrometallurgical 70 C, 20% HCl
	End-to-End Processing in One Location	Possible	Not practiced	Possible
	CAPEX per installed tonne	$,2,500-$3,000	$3,000-$4,000	$2,700 (estimated)
Environmental	Health and Safety Requirements	High	Very High	Lowest
	Environmental Challenges	Disposal of acidic waste products	Disposal of some waste products	Waste streams to Revenue Streams
	Carbon Footprint	**7.56** t CO2eq / t of TiO2	**9.34** t CO2eq / t of TiO2	20-50% lower than Chloride Route (estimated)
Financial	Energy Consumption and Efficiency	Medium but Inefficient Batch Process	Highest but Efficient	Lowest and most Efficient
	Raw Material Flexibility	Flexible and Low Cost (ilmenite/slag)	Inflexible and High Cost (rutile and SR or UGS)	Highly Flexible and Lowest Cost (slags, VTM, hemo-ilmenite, ilmenite)
	Reagent Cost	Sulphur Price has Substantial Effect	No Effect, Reagents are Regenerated	No Effect, Reagents are LArgely Regenerated
	Quality = Unit Cost of TiO_2 in Feed (USD/tonne)	$600	$1,200 (SR) to $1,900 (Natural Rutile)	$280 (Temas feedstock) $600 (merchant ilmenite)
	OPEX (USD/Tonne)	$700-$1,500 (China) $2,000-$2,500 (Western Europe)	$1,750 (Chemours) -$2,325 (average)	< $900 (estimated)
	Value = Quality of finished TiO_2 pigment (USD/tonne)	~$2500 - $3200	~$3000 - $3800 +	~$3800 +
	Cost Drivers	Acid treatment, waste management, and higher labor/energy requirements increase costs over time.	Higher initial capital and raw material costs but, long-term savings from lower waste, continuous processing, and higher product quality.	The superior flexibility in utilizing low-cost feedstocks coupled with simple reaction vessels produces superior operating margins and environmental performance.

NEWSFLOW

Q3-2025	Q4 - 2025	Q1 - 2026	Q2-2026
Engage Andritz for Pyrohyrolysis Metallurgical Work RCL Testwork Updates File Additional Patents (PCT) Transfer IP to Parent Co.	Sign First Third-Party IP Licensing Agreement Begin RCL Plant Site Selection File New Process Patent and Additional PCT Patent Rollout	Engage Second Third-Party Licensee Candidate Complete Pathway to Commercialization All Metals RCL Testwork Updates RCL Testing - La Blache Additional Patent Filings	Update - New Lab & Plant Commissioning RCL Testwork Updates Update - Licensing Partner Engagement Assay Results Interpretations (La Blache and Lac Brule)

FEEDSTOCK:
NORTH AMERICAN MINERAL EXPLORATION

Temas offers investors upside exposure through both its proprietary processing technology which it is commercialising but also offers a direct mine to end user ore solution with strategic supply of titanium oxide to North America

"Our mineral exploration assets at La Blache and Lac Brûlé are more than just resource-rich projects — they are uniquely positioned to feed directly into our proprietary RCL processing platform. With high-grade, near-surface titanium-vanadium deposits and proven infrastructure access, we're building a vertically integrated supply chain that maximizes resource value, lowers processing costs, and drives sustainable growth from the ground up."

David Caldwell, COO

LA BLACHE

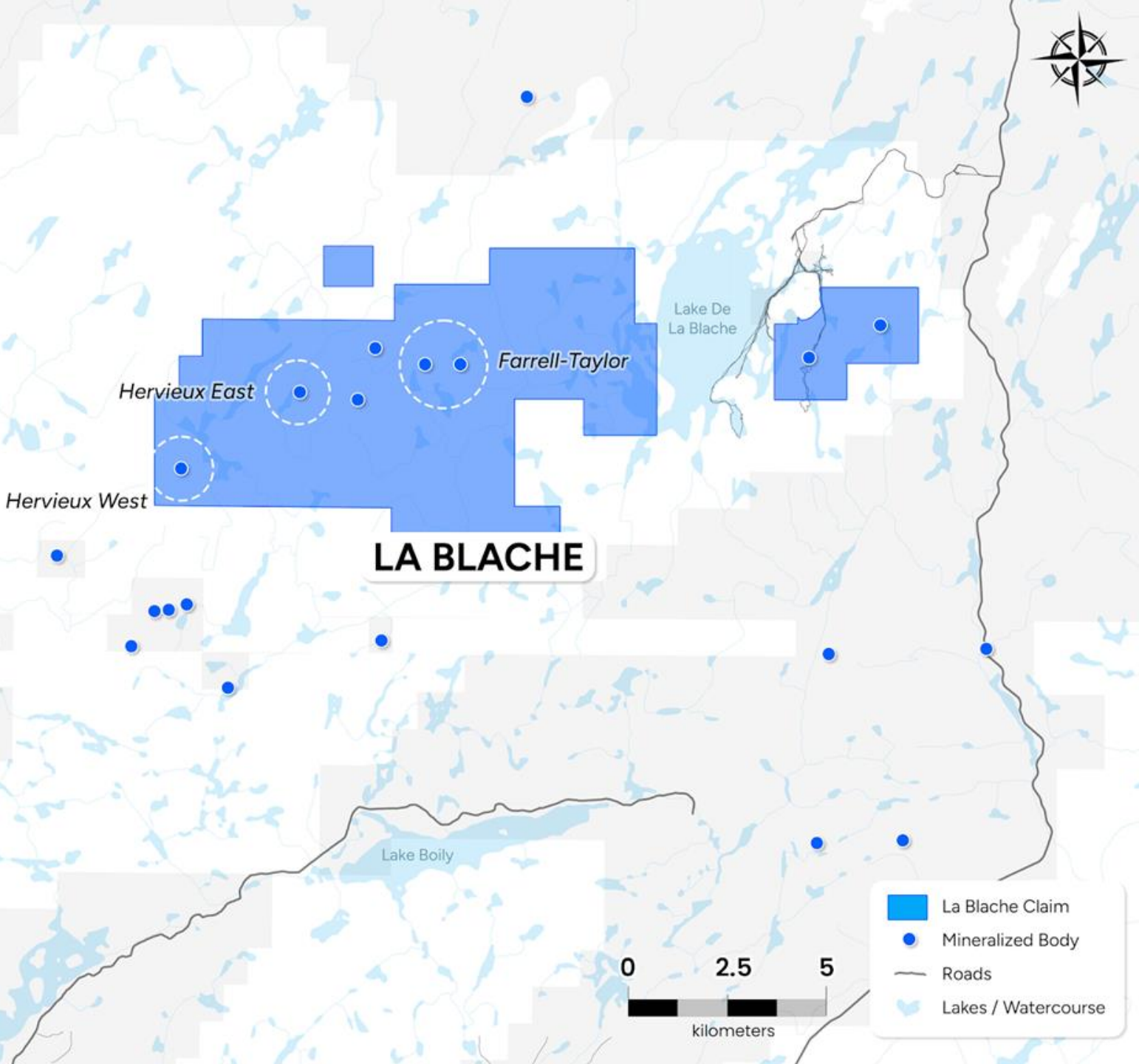
Iron | Titanium | Vanadium

- 130 Mineral Claims
- ~7,000 hectares
- > 15,000 m of drilling completed
- 208.5 M tonne Inferred Resource

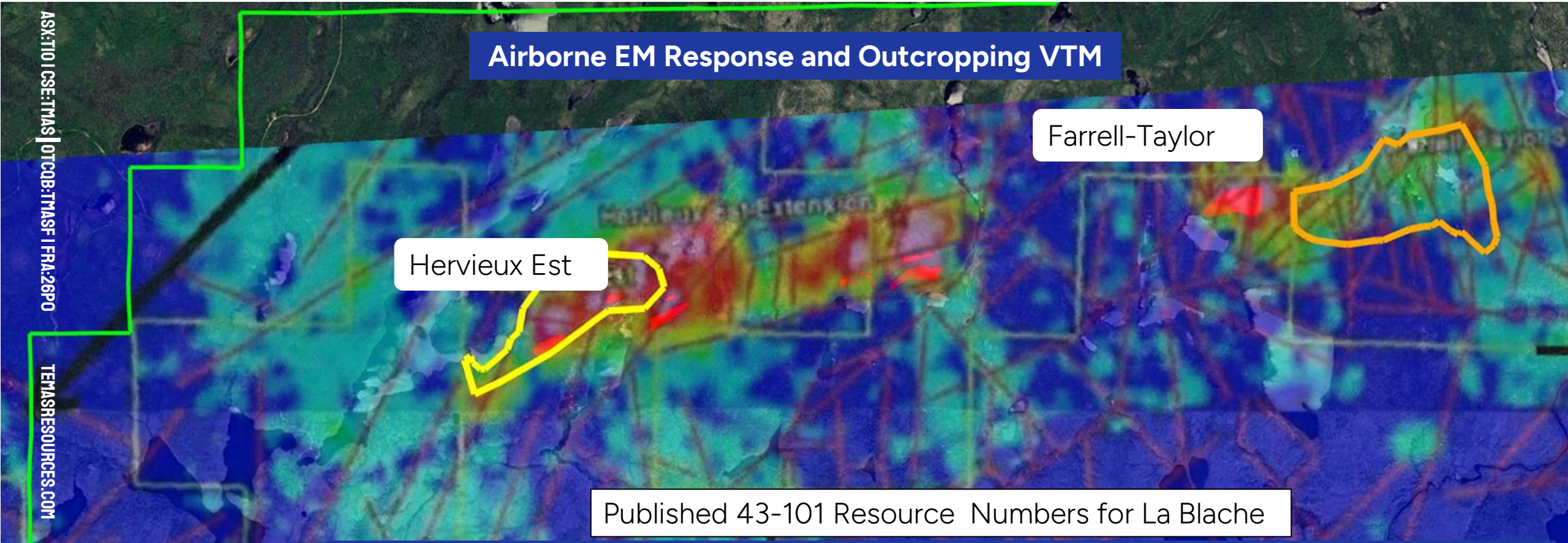
The main Iron-Titanium-Vanadium oxides mineralization reported here is the **Farrell-Taylor deposit.**

There are two additional deposits further west on trend at **Hervieux Est** and **Hervieux Ouest** to be included in the next global resource estimate.

There remains significant upside potential to further expand VTM/Ilmenite resources on the Project as evidenced in outcrop and EM mapping.



KNOWN RESOURCES AND POTENTIAL FOR DISCOVERY



Published 43-101 Resource Numbers for La Blache

	Resource Type	Density	Tonnage	TiO_2%	V_2O_5 %	Fe_2O_3 %	Ti %	V %	Fe %
Hervieux Ouest	M I & I Resource	4.55	24,170,000	18.77	0.47	62.71	11.25	0.26	43.86
Hervieux Est	M I & I Resource	4.54	22,684,000	18.37	0.42	62.56	11.01	0.24	43.75
Farrell-Taylor MO	Inferred Resource	4.42	108,800,000	17.83	0.32	59.40	10.69	0.18	41.55
Farrell-Taylor SMO	Inferred Resource	3.28	99,700,000	6.26	0.07	21.98	3.75	0.04	15.37

LAC BRULE

Titanium | Iron | Vanadium

The Lac Brule Property
36 mineral claims and **2,016 hectares**

- Road accessible
- 100 km from the St. Lawrence River,
- Has a power generation site nearby
- > 10,000 m historic drilling across 2 mineralized lenses representing about 15% of the strike length of the western contact zone alone.
- There are mapped hemo-ilmenite outcrops scattered along this 2.7 km trend validating the exploration model.

- TMAS plans up to 2,500m of definition drilling to get to PEA in 2026
- Additional step out along the large VTEM anomaly will also be planned.

The Lac Brule hemo-ilmenite deposit is:

- **Near surface**, subcrop to scattered outcrop
- **High grade** with areas that appear to be 34% TiO2, DSO ready for the RCL process or to partner with QIT for processing.

NEWSFLOW

Q3-2025	Q4 - 2025	Q1 - 2026	Q2-2026
Hire Metallurgical R&D Staff & First Nations Consultant Business Model Updates LiDAR Survey (La Blache and Lac Brule) Fall / Winter Bulk Sampling and Drilling Program (La Blache and Lac Brule)	Begin Drilling Program (La Blache and Lac Brule) Begin Baseline Studies Bulk Sample Program complete (Lac Brule) Non-Dilutive Financing (US / CAN / AU) Grant Opportunities	Complete Drilling Program (La Blache and Lac Brule) Assay Results (La Blache and Lac Brule) - Drilling & Sampling Commence (Lac Brule) PEA	Revised Resource Calculation (La Blache) Measured & Indicated Update - La Blache Feasibility PA Consulting Work & Resource Calc. (Lac Brule)

WHY INVEST WITH TEMAS

- Temas is commercializing its novel and patented titanium ore processing technology that is OPEX and environmentally friendly
- Temas' technology will be used as a platform to process other critical minerals to aid Western strategic supplies at a time of strong competition with China for many critical minerals
- Global titanium supply chain is currently high cost, environmentally unsustainable and dominated by China, and Russia. Temas offers a strategic and secure supply chain and a lower cost solution which produces high quality ore from low value feed to the West.
- Temas has a strong management, technology and operations team in place.
- Temas has two large titanium dioxide mining projects which complement its novel technology solution in allowing Temas to be a direct from mine to end user manufacturer of titanium oxide powder

CORPORATE SNAPSHOT

WHO IS TEMAS RESOURCES

Temas Resources Corp.

Vancouver, Canada | Montreal, Canada

TICKER SYMBOLS

ASX: **TIO** (upon listing)

CSE: **TMAS** | OTCQB: **TMASF** | FRA: **26P0**

Share Price	Market Cap	Patents
CAD$0.25	CAD$8.8M	11 Issued
*AUD$0.28**	*AUD$10.0M**	

Shares Outstanding 36,916,269

Warrants and Options 19,263,392

Fully Diluted 56,179,661

Insider Ownership ~24%

Kyler Hardy

EXECUTIVE CHAIRMAN
DIRECTOR

Tim Fernback

CEO
DIRECTOR

David Robinson

CFO
DIRECTOR

David Caldwell

COO

Michel Lebeuf

GENERAL LEGAL COUNSEL

Daniel Dutton

METALLURGICAL CONSULTANT

Véronique Laberge

DIRECTOR

Kobi Ben-Shabat

ADVISOR

PROPOSED USE OF PROCEEDS

FUNDS AVAILABLE	AUD$15M RAISED	% RAISED
Existing cash reserves	602,062	3.86%
Funds raised from the Offer	15,000,000	96.14%
Total	15,602,062	100.00%
Allocation of funds		
Exploration at Lac Brule Project	100,000	0.64%
Exploration at La Blache Project	4,183,000	26.81%
Subtotal – Direct Mineral Exploration (TiO2)	4,283,000	27.45%
Metallurgical Testing - Lac Brule Deposit	400,000	2.56%
Metallurgical Testing - La Blache FT Deposit	250,000	1.60%
Metallurgical Testing - Andritz Pyrohyrolysis	250,000	1.60%
Metallurgical Lab CAPEX and OPEX Budget	1,000,000	6.41%
Pilot Metallurgical Facility Development	1,250,000	8.01%
Metallurgical IP Development	2,000,000	12.82%
Hiring Metallurgical Lab Staff	300,000	1.92%
Sub-total Property Metallurgy Advancement	5,450,000	34.93%
Additional Patenting	300,000	1.92%
Purchase Remaining ORF Subsidiary Shares	667,000	4.28%
ORF - RCL Related Patent - Subtotal	967,000	6.20%
Expenses of the Offer	1,198,839	7.68%
Administration costs	2,340,000	15.00%
Working capital	1,363,223	8.74%
Total	15,602,062	100.00%

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TEMAS

Revolutionizing Metal Production

Proprietary IP. Global Licensing. Titanium & Critical Minerals.

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