

Resouro CEO Christopher Eager on Brazil's Bid for Titanium and Rare Earth Supremacy

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September 15, 2025 – Titanium, not gold or lithium, is the metal that Christopher Eager believes will rewrite Brazil's mining narrative. "Our high-grade zone is 23% titanium dioxide, which is almost a concentrate as it stands," the newly minted CEO and still-chairman of [Resouro Strategic Metals Inc.](#) (ASX: RAU | TSXV: RSM | OTCQB: RSGOF) told InvestorNews host Tracy Hughes, underscoring why the company's colossal Tiros Project has suddenly become one of the most closely watched critical mineral plays in the Americas.

The scale is eye-catching even in a sector accustomed to superlatives. Resouro's NI 43-101 resource stands at 1.4 billion tonnes grading 12% TiO_2 and 4,000 ppm total rare earth oxides, with a 165 million-tonne tranche already elevated to Measured and Indicated. Within that sits a 130 million-tonne high-grade zone assaying 23% TiO_2 and roughly 9,000 ppm TREO—grades that Eager notes "compare very favorably with mineral-sand projects that can be one or two percent." Recent auger [drilling](#) in the Northern Block reinforced the story: 5 meters at 22.4% TiO_2 and 7,146 ppm TREO from just two meters depth; 3 meters at 12.3% TiO_2 and 13,074 ppm TREO at surface; and 4 meters at nearly 24% TiO_2 eight meters down. "These results provide further evidence of the remarkable continuity and size potential of the global exploration target at Tiros," he said in the August 14 [news release](#).

Such numbers underpin an aggressive timetable. Resouro is racing to publish a preliminary economic assessment by year-end,

anchored by a 500,000-ton-per-annum demonstration plant that will “go into production quickly and demonstrate that we can produce saleable products, and then scale up over time.” Metallurgical test work is already humming at SGS Lakefield in Ontario, SGS Geosol and CIT-SENAI in Brazil, with guidance from veteran consultants Steve Williams and John Good.

Eager, a 20% shareholder who left Santiago-based project finance to step in as interim CEO, frames the financing strategy as equally disciplined. “One of our main advantages financially is that we have no royalty at the moment,” he said, revealing that Resouro is auctioning a royalty to maximize upfront value while pursuing a blended package of senior debt, offtake prepayments, and Brazilian Development Bank funding. The aim: non-dilutive capital that preserves equity upside for investors.

Location gives the project another edge. Minas Gerais, long Brazil’s mining heartland, boasts highways, rail to deep-water ports, abundant power and water, plus a roster of engineering firms within an hour’s drive. “You can go from exploration to bankable feasibility and permitting in 24 months,” Eager maintained, citing a national fast-track program. Resouro has already secured land on the main rail line for what it calls the Campos Altos Critical Minerals Park, envisioned as a hub where pigment makers, titanium metal producers and rare-earth separators can “take delivery of concentrate at the gate.”

Rare earths remain the essential co-product: about 28% of Resouro’s TREO basket is the high-value magnet suite (Nd, Pr, Dy, Tb). “Our rare earth grades are high for a clay-style deposit,” Eager said, positioning the resource as a future supplier for Brazil’s planned demonstration magnet factory in nearby Belo Horizonte.

Investors tracking catalysts will find a clear runway. The PEA,

expected in the fourth quarter, should crystallize economics for the demonstration plant. In the first half of 2026, Resouro plans to unveil downstream partnerships and lock in a construction schedule. For Eager, the motivation is personal as well as professional: “I’ve been involved in three bankable feasibility studies and worked four years in mining project finance at Rothschild. I own 20% of this company. I’m close to the project, close to the market, and can get to Australia and Canada within one flight.”

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About Resouro Strategic Metals Inc.

Resouro Strategic Metals Inc. (ASX:RAU) (CVE:RSM) (OTCMKTS:RSGOF) (FRA:8TX) is a Canadian incorporated mineral exploration and development company, listed on the ASX, TSXV, OTC and FSE, focused on the discovery and advancement of economic mineral projects in Brazil, including the Tiros Titanium-Rare Earths Project and the Novo Mundo Gold Project. The Tiros project has 28 mineral concessions totalling 497 km² located in the state of Minas Gerais, one of the best infrastructurally developed states of Brazil, 350 km from the state capital of Belo Horizonte. Resouro’s Mineral Resource Estimate for the Tiros Project contains 165 million tonne of titanium dioxide and 5.5 million tonne of total rare earths oxides within a Measured and Indicated Resource of 1.4 billion tonne at 12% titanium dioxide and 4,000 ppm of total rare earth oxides.

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