Resouro Strategic Metals and Rare Earth Technologies Sign MOU for Rare Earth Element Extraction and Processing Collaboration

written by Raj Shah | November 13, 2025

November 13, 2025 (Source) – Resouro Strategic Metals Inc. (ASX: RAU; TSX-V: RSM; FSE: 8TX; OTCQB: RSGOF) ("Resouro" or the "Company") is pleased to announce that it has executed a non-binding Memorandum of Understanding ("MOU") with Cincinnati, Ohio-based Rare Earth Technologies Inc. ("RETI"). Under the terms of the MOU, Resouro and RETI will collaborate on Rare Earth Element ("REE") extraction and separation processing for ore from Resouro's Tiros Titanium and Rare Earths Project (the "Project") located in the Tiros Municipality, Minas Gerais State, Brazil.

"We're delighted to partner with RETI to test rare earth samples from our Tiros Project," said Chris Eager, CEO of Resouro. "If this initial test work is successful, the RETI team could become a key strategic partner in separating rare earths. This could be a major stepping stone on the road to making our planned Campos Altos Critical Metals Park a secure supplier of rare earths to global markets."

"At RETI, we believe we've cracked the code when it comes to taking on the technical, economic, scale and environmental challenges of refining and separating critical rare earth elements," said Steve Levin, President of RETI. "This partnership will give us the opportunity to test our proprietary

results on a project scale and potentially offer a new, clean separation technology to the rare earths market."

Resouro and RETI will work together to pursue a phased approach to scale midstream processing of Total Rare Earth Oxides ("TREO") from Resouro's feedstock, as follows:

Phase I – Initial test-work
Resouro will supply RETI with pilot scale samples of the Project's near-surface high-grade ore composite (~9,100 ppm TREO and ~23% TiO_2[1]). RETI will carry out its proprietary extraction process on Resouro's feedstock (at RETI's cost), with Resouro covering the sample delivery to RETI's Cincinnati facility.

[1] *Refer the "About Resouro" section of this announcement for details of the Company's latest Mineral Resource Estimate for the Tiros Project.*

Phase II – Midstream feasibility study
Subject to successful initial test-work, the data may be incorporated by Resouro into its Preliminary Feasibility Study (PFS) at its discretion, following completion of the Company's Preliminary Economic Assessment (PEA) which is underway. The parties may thereafter sign a Definitive MOU to set out all terms and conditions for a broader midstream processing partnership, including the possibility of forming a joint venture to develop a mixed rare earths separation facility, initially at RETI's site, and eventually at the Campos Altos Critical Metals Park, under development by Resouro and its partners.

Phase III – Full-scale midstream processing plant construction
If the midstream feasibility results support commercial viability of RETI's technology for the Project's feedstock, Resouro and RETI thereafter may form a joint venture entity to

construct full-scale processing facilities (preferably at Campos Altos) for production of high-purity REE and planned future expansion.

This announcement has been authorized for release by Resouro's Board of Directors.

Contact Information, Resouro:
Chris Eager,
CEO and Executive Chairman
chris.eager@resouro.com
+44 7388 0579809

About Resouro
Resouro 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 tonnes of titanium dioxide and 5.5 million tonnes of total rare earths oxides within a Measured and Indicated Resource of 1.4 billion tonnes.

DOMAIN	Category	Million Tonne	TiO_2 %	TREO (ppm)	MREO (ppm)	REO/TREO rat
HG (High Grade)	Measured	30	24	9,300	2,500	27%
	Indicated	74	23	8,900	2,300	26%
	M + I	**103**	**23**	**9,100**	**2,400**	**26%**
	Inferred	33	22	8,300	2,200	26%
MG (Medium Grade)	Measured	340	11	3,700	1,000	28%
	Indicated	930	11	3,600	1,000	28%
	M + I	**1,300**	**11**	**3,600**	**1,000**	**28%**
	Inferred	470	11	3,400	920	27%
TOTAL (HG+MG)	Measured	367	12	4,100	1,100	28%
	Indicated	1,000	12	4,000	1,100	27%
	M + I	**1,400**	**12**	**4,000**	**1,100**	**28%**
	Inferred	500	12	3,700	1,000	27%

Note: Further details of the Company's JORC MRE are contained within the Company's ASX announcement of 9 April, 2025/TSX-V 8 April 2025. Resouro is not aware of any new information or data that materially affects the information included in the Company's announcement and that all material assumptions and technical parameters underpinning the estimates referred to therein continue to apply and have not materially changed.

Competent Person Statement

The information in this announcement that relates to Mineral Resources, Preliminary Economic Assessment and Metallurgical Test Work is based on, and fairly represents, information compiled and approved by Mr. Rodrigo Mello, a Competent Person who is a Fellow of The Australian Institute of Mining and Metallurgy (FAusIMM 209332). Mr Mello is a consultant for Resouro Strategic Metals Inc. and has sufficient experience that is relevant to the style of mineralisation and the type of deposit under consideration and to the activity being undertaken to qualify him a a Competent Person as defined in the 2012 Edition of the "Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr. Mello has a financial interest in the Project, both as the owner of a minority stake (10% free carried interest) and as a minority shareholder of Resouro. Mr. Mello consents to the inclusion of this information in this announcement of the matters based on his information in the form and context in which it appears.

Contact Information, Rare Earth Technologies:

Chuck Joffe,
Chief Commercial Officer
info@rareearth.tech
+1 (513) 278-3740

About Rare Earth Technologies, Inc.

Rare Earth Technologies Inc. (RETI), headquartered in Cincinnati, Ohio, was founded in 2021 to solve the critical challenges of rare earth element (REE) extraction and separation, typically referred to as midstream processing. RETI has pioneered new disruptive rare earth processing capabilities that provide highly scalable, environmentally friendly and costeffective operations. RETI's closed-loop processes eliminate toxic and flammable solvents, significantly reduce energy consumption, lower capital and operating costs, and address pressing national security and sustainability challenges.

Forward-Looking Information

This news release contains certain "forward-looking information" within the meaning of applicable securities law. Forward-looking information is frequently characterized by words such as "plan", "expect", "project", "intend", "believe", "anticipate", "estimate" and other similar words, or statements that certain events or conditions "may" or "will" occur. Although we believe that the expectations reflected in the forward-looking information are reasonable, there can be no assurance that such expectations will prove to be correct. We cannot guarantee future results, performance or achievements. Consequently, there is no representation that the actual results achieved will be the same, in whole or in part, as those set out in the forward-looking information.

Forward-looking information is based on the opinions and estimates of management at the date the statements are made and are subject to a variety of risks and uncertainties and other factors that could cause actual events or results to differ materially from those anticipated in the forward- looking information. Some of the risks and other factors that could cause the results to differ materially from those expressed in the forward-looking information include, but are not limited to: general economic conditionsin Canada and globally; industry conditions, including governmental regulation and environmental regulation; failure to obtain industry partner and other third party consents and approvals, if and when required; the need to obtain required approvals from regulatory authorities; stock market volatility; liabilities inherent in the mining industry; competition for, among other things, skilled personnel and supplies; incorrect assessments of the value of acquisitions; geological, technical, processing and transportation problems; changes in tax laws and incentive programs; failure to realize the anticipated benefits of acquisitions and dispositions; and the other factors. Readers are cautioned that this list of risk factors should not be construed as exhaustive.

The forward-looking information contained in this news release is expressly qualified by this cautionary statement. We undertake no duty to update any of the forward-looking information to conform such information to actual results or to changes in our expectations except as otherwise required by applicable securities legislation. Readers are cautioned not to place undue reliance on forward-looking information.

Neither the ASX, OTC, TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.