

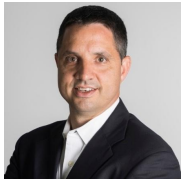


News Brief from Mark C. Jensen, CEO, ReElement Technologies Corporation *Innovators in Rare Earth Elements and Critical Minerals Refining*

ReElement and partners secure major deals in November

Significant progress on mineral sourcing, processing, off-take agreements and financing

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November has been another exciting, fruitful month for ReElement, our American Resources affiliate, and our partners, and we are pleased to recap these developments for you. As the month comes to a close, we express our gratitude for all the support we and our partners have received, and wish you a very Happy Thanksgiving.

November highlights

- Department of War's (DOW) Office of Strategic Capital \$700 Million Loan Commitment with American Resources Corporation (NASDAQ: AREC), ReElement Technologies and Vulcan Elements, part of a \$1.4 billion partnership.
- E-Waste recycling agreement with ERI, and Impact Podcast with ERI Chairman & CEO John Shegerian
- Tungsten critical mineral supply chain agreement with Uzbekistan
- Trusted Tech Leadership Award from Krach Institute, Purdue University

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"Impact Podcast" with ERI's Chairman and CEO John Shegerian - *Innovating Critical Mineral Refining Solutions*



Prior to our announcement, I recorded an engaging, fun and fast-paced podcast with ERI's Chairman and CEO, John Shegerian.

We discussed ReElement's entrepreneurial journey, our innovative technology, and the game-changing nature of our partnership - most importantly, how we aim to transform global electronic recycling into a rich source of magnet-ready materials for commercial, defense and advanced technology applications.

It was an honor to share ideas with John, and we invite you to [listen in](#).

Uzbekistan, American Resources and ReElement agree to advance critical mineral supply chain beginning with tungsten

On Nov. 10, American Resources, ReElement and Uzbekistan announced an agreement that

The announcement marks a decisive step toward scaling a 100 percent fully integrated, domestic Neodymium Iron Boron (NdFeB) magnet supply chain, and is a major milestone for U.S. critical mineral independence. We are honored to have the support of our government and remain fully committed to meeting the call of our nation. John Maslin, Vulcan CEO and a former Naval officer, and I are focused on execution and performance so that we can deliver a capability that the nation urgently needs.

About the partnership

The OSC financing includes an \$80 million loan to ReElement and \$620 million loan to Vulcan, supporting advanced rare earth separation, metallization, and magnet manufacturing capabilities in the United States.

The DOW will be taking a stake in ReElement in the form of equity warrants, and ReElement is completing a private capital round to go alongside OSC's commitment.

Together, these efforts are expected to enable production of up to 10,000 metric tons of NdFeB magnet material, directly addressing one of the most significant gaps in the U.S. critical minerals value chain.

This commitment builds on the Trump Administration's One Big Beautiful Bill Act, which provides up to \$100 billion in OSC lending authority to strengthen critical mineral and advanced manufacturing projects vital to national and economic security.

Why this matters

The Department of War noted that a secure domestic supply chain including NdFeB is key for manufacturing magnets used in chip manufacturing, drones, electric vehicles, fighter jets, industrial motors, nuclear submarines, and satellites. The agreement presents a forward-leaning approach to further strengthen America's magnet production.

The government's decision to invest alongside ReElement and Vulcan reinforces the strength of our technology, execution capability, and alignment with U.S. industrial policy—key pillars of our strategy to deliver scalable, sustainable refining and magnet production capacity at home.

At ReElement, we are leading solutions that address efficient refining challenges for the Western supply chain. Our focus remains on being the innovation leader and low-cost provider, ensuring that the U.S. can compete globally while building a resilient and

establishes a framework to source, process, and refine critical minerals - including tungsten, germanium, and rare earth elements - to strengthen bilateral economic and industrial cooperation between the two countries.

Why this matters

The partnership establishes a cooperative framework to jointly advance sustainable and high-value production of tungsten and other strategic minerals essential to national security and advanced manufacturing.

Under the agreement, American Resources will broker tungsten concentrate from TMK and its affiliates and supply this concentrate to ReElement Technologies and other U.S. partners for refining into high-purity tungsten to meet the growing needs of the U.S. government and its industrial base. They plan to start with tungsten and expand to germanium, lithium, and rare earth elements.



Mark LaVerghetta, ReElement co-founder and director, represented the company at the signing ceremony with Uzbekistan in Washington, DC, on Nov. 10.

ReElement receives 2025 Trusted Tech Leadership Award from Krach Institute, Purdue University



ERI and ReElement announce commercial agreement to recycle e- waste

On Nov. 19, ERI and ReElement announced a commercial agreement to recycle electronic waste. [ERI](#) is the nation's leading information technology asset disposition and electronics recycling firm. Through this agreement, ERI will leverage its extensive international collection network and eight U.S.-based recycling centers, including one in Indiana, to aggregate and pre-process end-of-life magnet materials.

This partnership provides a consistent pathway to generate high-value, domestically sourced mineral output to return to manufacturing supply chains.

ReElement will refine this recycled feedstock into high-purity rare earth oxides, enabling the domestic production of critical inputs for mobility, defense, and advanced technology applications.

Why this matters

This supply chain enhancement follows and complements ReElement's \$1.4 billion partnership with U.S. Department of War and high-performance magnet manufacturer Vulcan Elements.

Expanded sourcing through ERI strengthens the United States' ability to establish a circular and secure supply chain for rare earth elements at a time of growing strategic demand.

Pairing ERI's feedstock capabilities with ReElement's advanced refining platform positions us to accelerate true circularity for critical minerals in the United States and deliver high-purity rare earth elements for our current and growing customer base.

This new relationship will open the door for a whole new wave of US-based capabilities in the rare earth realm that will have both domestic and global implications.

To learn more about the [ReElement - ERI](#) partnership, visit the press release links above.

Mark LaVerghetta accepting the Krach Institute Trusted Tech Leadership Award from Purdue University. (Left to right, listening to Mark) are Michelle Giuda, CEO of the Krach Institute for Tech Diplomacy at Purdue; Keith Krach, Chairman of the Krach Institute for Tech Diplomacy at Purdue; and Mung Chiang, President of Purdue University. Photo: Courtesy of the Krach Institute.

On Nov. 17, ReElement Technologies Mark LaVerghetta received the 2025 Trusted Tech Leadership Award from the [Krach Institute for Tech Diplomacy at Purdue](#) on behalf of ReElement. The award recognizes ReElement for deploying innovative, advanced refining technologies that strengthen U.S. national security and foster allied collaboration in the critical minerals supply chain. The ceremony took place in Washington, DC.

In accepting the award, LaVerghetta said, "We sincerely appreciate being among this year's amazing awardees and past recipients. Building a technology platform that enables U.S. critical mineral independence wouldn't have been possible without the vision and partnership of [Purdue University](#) and our extraordinary team. I am honored to accept this award on behalf of all those working tirelessly to make our country safer and more self-reliant."

ReElement's recognition underscores its pivotal role in advancing innovation that aligns economic security with national security. Through its partnerships with U.S. government agencies, academic institutions, and allied nations, ReElement continues to demonstrate how trusted technology and principled collaboration can strengthen freedom, prosperity, and resilience across the global critical minerals supply chain.

Did you miss our previous editions? Visit the ReElement [newsroom](#) to catch up. We invite you to share our news also on social media, where you will find near-daily updates.

Have your interview or podcast featured here and expand your reach!

To speak with or interview a member of our executive team, please contact [Marjorie Weisskohl](#) at All Seasons PR or Mark LaVerghetta through the ReElement [website](#).

We developed this email list with you in mind. However, if you wish to unsubscribe, please click the link below. We hope you stay in touch.



Mark Jensen



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