

## NEWS RELEASE

# The AI Arms Race Starts with Raw Materials: Governments Are Getting Smarter on Tech, and on What Powers It

2025-04-17

Technology, Space &amp; Energy



Germany's creation of a new "super ministry" dedicated to research, technology and aerospace marks more than just administrative reform, it signals a global shift in how governments view innovation. No longer seen purely as software, code, or patents, what's becoming increasingly important is control over the raw materials that enable hardware manufacturing - without which software can't exist, scale, or reach our screens.

As technology represents a benchmark of national status it's no surprise the raw materials underpinning tech

hardware are fast becoming indispensable. Helium is being increasingly recognised for its strategic importance, recently gaining prominence in several national agendas. Essential for the production of semiconductors, medical imaging, aerospace systems, cloud computing and quantum hardware, helium plays a silent yet foundational role in the machinery of modern innovation.

Access to raw materials is also playing an increasingly visible role in shaping geopolitical strategies. From the United States eyeing Greenland's untapped potential and Russia's focus on resource-rich Ukraine, the global tech race is as much about who can build as it is about who can source. The race to innovate is now measured not just by breakthroughs, but by control over raw material supply chains, the physical building blocks that make digital progress possible. Among these critical commodities, helium is emerging as a quiet cornerstone.

Historically, the most technologically advanced nations have been the most prosperous. It follows that the raw materials enabling this progress - helium included - are fast becoming as strategically vital as energy reserves or sovereign territory. As market volatility increases, tech-critical raw materials - given their essential role in the functioning of modern society - look likely to emerge as the next generation of safe haven investments.

When innovation is at stake, supply chain guarantees can quickly become priceless. The uncomfortable truth for most high-tech economies is their deep reliance on materials sourced beyond their own borders - many of which are now viewed through the same strategic lens once reserved for oil and gold. That dependency is forcing a strategic rethink, and helium is firmly on the radar.

Early investors who recognise the long-term strategic importance of helium in powering future technologies - from medicine and defence to clean energy - are well positioned to benefit from this global shift. Pulsar's shareholders are already aligning with the broader themes of resource security and emerging tech, a convergence that's drawing growing interest from institutional and strategic investors alike.

#### Disclaimer

This article contains information based on current market conditions and publicly available data. It does not constitute financial advice, and investors should conduct their own due diligence before making any investment decisions.

Marc Farrington  
PR & Partnerships  
[marc@pulsarhelium.com](mailto:marc@pulsarhelium.com)

Pulsar Helium Inc  
Rua Frederico Arouca, nº 251, 2º frente, 2750-356, Cascais, Portugal  
[connect@pulsarhelium.com](mailto:connect@pulsarhelium.com)

 [pulsarhelium.com](http://pulsarhelium.com)  
 [pulsarhelium.com](http://pulsarhelium.com)  
 Pulsar Helium Inc

#PLSRINSIGHTS

Follow us on X

Pulsar Helium Inc

Rua Frederico Arouca, nº 251, 2º frente, 2750-356, Cascais, Portugal  
[connect@pulsarhelium.com](mailto:connect@pulsarhelium.com)

 [pulsarhelium.com](mailto:pulsarhelium.com)

 [pulsarhelium.com](http://pulsarhelium.com)

 Pulsar Helium Inc