

# KRONOS FUSION ENERGY UNVEILS 30-TESLA HIGH-TEMPERATURE SUPERCONDUCTING MAGNET FOR GAME-CHANGING ANEUTRONIC FUSION.

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[/EINPresswire.com/](https://EINPresswire.com/) -- In a historic stride toward achieving cleaner, sustainable energy solutions, Kronos Fusion Energy unveiled its state-of-the-art high-temperature superconducting (HTS) magnet technology, boasting an unparalleled strength of 30 teslas. This breakthrough is expected to drastically advance the landscape of Aneutronic Fusion Energy.

This advanced magnet, which stands as the strongest of its kind ever developed for fusion energy, represents a major technological shift in the industry. With the combined advantages of high-temperature operability and record-setting magnetic field strength, Kronos Fusion Energy's new magnet propels the company to the forefront of fusion energy research and development.



Carl Weggel, the Lead Magnet Designer at Kronos and a pioneer in the magnet technology arena, highlighted the implications of this development, "Our 30-tesla magnet, built on innovative high-temperature superconducting materials, has the potential to be a game changer in the field of fusion energy. Its superior strength and efficiency provide an unmatched opportunity to harness Aneutronic Fusion, one of the cleanest energy sources known to humankind."

Aneutronic fusion, distinguished by its minimal radiation output, offers a cleaner alternative to traditional nuclear fusion. With the introduction of the 30-tesla HTS magnet, Kronos Fusion

Energy is set to overcome some of the most significant barriers that have historically challenged the commercial viability of aneutronic fusion.

The company's dedication to sustainable, clean energy solutions is further emphasized by this breakthrough. "At Kronos Fusion Energy, our mission is clear: to lead the transition towards a world powered by safe and sustainable energy. This magnet is not just a technological marvel; it's a testament to our commitment to that future," remarked the company's Founder, Priyanca Ford.

The industry and energy sectors worldwide are keenly observing the progress at Kronos, as the successful deployment of this magnet technology could pave the way for fusion reactors that are more compact, efficient, and environmentally friendly than ever before.

Kronos Fusion Energy extends an invitation to the global community of scientists, energy experts, and environmentally-conscious stakeholders to join them in this exciting phase of fusion energy development.

#### About Kronos Fusion Energy

Kronos Fusion Energy is a leading company in fusion energy research and development. Dedicated to pioneering sustainable energy solutions, Kronos is committed to pushing the boundaries of scientific innovation to create a greener, more sustainable future.

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