

# GRENADA REALTA FUSION INC

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What is Realta fusion? Realta Fusion is an early-stage spin-out from the University of Wisconsin-Madison developing the lowest capital and least complex path to commercially competitive fusion energy. We are applying advances in super-conducting materials, plasma physics, and computing power to a simple linear fusion reactor configuration.



What is fusion energy? This is the amount of carbon dioxide (CO<sub>2</sub>) released annually into the atmosphere from energy combustion (including flaring) and industrial processes, accelerating climate change. Fusion offers a clean and sustainable energy source to reduce emissions from ???hard-to-decarbonize??? industrial processes. Join Realta Fusion!



What's happening with Realta & Proxima fusion? In fact, Realta???s announcement isn???t the only one this week. On Tuesday, another startup, Proxima Fusion, announced a ???7 million seed round led by Plural Platform and UVC Partners to commercialize the stellarator technology developed at the Max Planck Institute for Plasma Physics for its Wendelstein 7-X reactor.



What does fusion do? Fusion offers a clean and sustainable energy source to reduce emissions from ???hard-to-decarbonize??? industrial processes. Join Realta Fusion! View our available positions >>



What is fusion power? Fusion power is the sort of high-risk,high-reward bet that was once the stock-and-trade for venture capital firms. Fusion might be a risky source of power,but as Realta is showing,it???s also flexible,providing not just electricity but also heat and neutrons,which are widely used to produce isotopes for medical use.

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Who is a fusion energy operator? Operator of an energy company intended to produce industrial heat and power from fusion energy.



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A Madison-based startup called Realta Fusion aims to develop commercially viable fusion technology that could help offset global greenhouse gas emissions. Kieran Furlong, the company's CEO, said the UW-Madison spinoff company is working to create the "lowest capital, least complex path" to fusion energy production. He discussed its plans for commercialization ???



Realta Fusion and University of Wisconsin researchers, operating the Wisconsin HTS Axisymmetric Mirror (WHAM) experiment, formed and held a plasma with a magnetic field strength of 17 Tesla on the



Realta Fusion has just completed a nuclear fusion experiment with its partner, the University of Wisconsin-Madison, which set a record for the strongest steady magnetic field in fusion plasma. Read more here: ???

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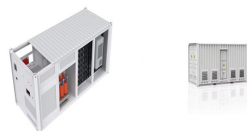
A year ago, Realta Fusion had just raised \$12 million (???11 million) for their fusion energy start-up from Khosla Ventures, a venture firm set up by Vinod Khosla, the billionaire founding chief executive of Sun Microsystems, ???



TitelownTech has invested in Realta Fusion, a Wisconsin-based startup revolutionizing clean energy with modular fusion technology. Discover how Realta's innovation is powering AI-driven infrastructure with scalable, zero-carbon solutions, backed by ???



Unlike many other fusion startups, Realta Fusion is targeting industrial heat, rather than electricity production, as their initial market. This seems prudent, considering the huge difficulty fusion will have competing with other sources of electricity like solar, wind, and natural gas. Wind and solar (besides solar thermal) are not well-suited



Realta Fusion develops fusion energy technology for the production of industrial heat and power. It applies advances in super-conducting materials, plasma physics, and computing power to a simple linear fusion reactor configuration. It ???



Realta Fusion General Information Description. Operator of an energy company intended to produce industrial heat and power from fusion energy. The company applies advances in super-conducting materials, plasma physics and computing power to a simple linear fusion reactor

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configuration, enabling clients with a lower capex power plant, and utilizing fuel sources to ???

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3 ? Realta Fusion, led by cofounders CEO Kieran Furlong and Chief Scientific Officer Cary Forest, previously received \$9m in seed funding in May 2023 from Khosla Ventures. It is also ???



Realta Fusion develops fusion energy technology for the production of industrial heat and power. It applies advances in super-conducting materials, plasma physics, and computing power to a simple linear fusion reactor configuration. It utilizes abundant fuel sources to provide a zero-carbon source of heat and power.



The fusion company, Realta Fusion, describes the core principle: "The strong magnetic fields cause charged, energetic particles to bounce back and forth, also known as the mirror effect." This mirror effect ensures the plasma remains confined, bouncing between the strong magnetic fields, allowing for improved control and stability, which



Community and Government Relations Manager\* Madison, WI Full Time, less than 1.0 FTE negotiable \*exact title TBD and dependent on successful candidate's prior experience Realta Fusion is a rapidly growing start-up developing compact magnetic mirror fusion energy systems to address the biggest challenge of our time ??? tackling global climate change while ensuring a ???



At Realta Fusion, we've developed an innovative approach to fusion energy with a right-sized fusion system design ??? compact and scalable to provide efficient and reliable solutions for decarbonizing industrial heat and power.