

Grenoble, France, October 19, 2023

Renaissance Fusion partners with Switzerland Innovation Park Innovaare

Renaissance Fusion is proud to announce its collaboration with Switzerland Innovation Park Innovaare, a hub of innovation excellence uniquely connected with the prestigious Paul Scherrer Institute (PSI), a world-renowned research institution. This strategic partnership promises to break new ground in superconducting magnets and liquid metal technologies that will make fusion energy a commercial reality for a cleaner, more sustainable future.

Unlocking the power of collaboration

The collaboration fosters revolutionary developments in liquid metal technologies and the manufacturing of High-Temperature Superconducting (HTS) magnets. These innovations will make fusion energy compact, cost-effective, simple, and practical through the stellarator fusion solution. Leveraging the vast scientific knowledge from PSI and cutting-edge research infrastructure at the Innovation Park Innovaare, Renaissance Fusion is on the path to pioneering the future of sustainable energy.

Why Switzerland Innovation Park Innovaare?

Switzerland Innovation Park Innovaare stands as a dynamic center for innovation, providing a fertile ground for deep tech companies. In fields ranging from photonics and quantum tech to life sciences, energy and sustainability, semiconductor technology, and advanced manufacturing, innovation thrives here. By joining forces with this innovation park, Renaissance Fusion has set the stage for international progress in commercial fusion energy.

Francesco Volpe, Founder and CEO of Renaissance Fusion commented, *“The partnership with Switzerland Innovation Park Innovaare marks the beginning of an exciting journey towards a greener and more sustainable future. Along this journey, spin-off products will advance society in many ways: from medical imaging to accelerators for fundamental research and cancer therapy. The ultimate destination of this journey is bringing fusion energy to the world. We are excited by this prospect, thrilled to work with Park Innovaare and the Paul Scherrer Institute, and more committed than ever to pushing the boundaries of innovation, together.”*

About Renaissance Fusion

Renaissance Fusion stands at the forefront of Deep Tech innovation, offering a groundbreaking solution to one of the most challenging but rewarding energy problems: bringing fusion power to the grid. Its distinctive approach combines the proven stellarator fusion device with a proprietary modular design and state-of-the-art manufacturing technology for next-generation High-Temperature Superconducting (HTS) magnets, alongside the liquid metal (LM) shield. Renaissance Fusion is steering the fusion reactor towards commercialization, targeting the early 2030s as an attainable milestone.



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Beyond fusion energy, Renaissance Fusion's unique intellectual property (IP) in HTS allows promising applications in other fields such as renewable energy generation, energy storage, medical imaging, and mobility within 2 years. Its LM spin-offs enable tritium extraction by simple precipitation, and have additional applications in telecommunications, semiconductors, 3D metal printing, soft robotics, automotive suspensions and other markets.

Today, Renaissance Fusion has nearly 50 employees, mainly dedicated to R&D and manufacturing in fusion, with more than 10 patent families filed in HTS and LM.

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