

Macro Roundup Article

Headline: [German Start-Up Wins Initial Funding for Revolutionary Fusion Energy Machine](#)

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Tweet: The first startup to ever spin off of German's Max Planck Institute is using an alternative approach to fusion power that offers potentially more stable plasma than tokamak devices.

Summary: A German start-up has secured initial funding to develop a revolutionary fusion energy machine that it hopes can provide a future source of abundant, emissions-free power. Proxima Fusion, incorporated in January, aims to build a complex device known as a stellarator and is the latest company to join the emerging fusion industry's effort to generate electricity by fusing atoms. Although the amount of funding is small at only €7mn, it is significant as Proxima is the first fusion company to spin out of Germany's revered Max Planck Institute for Plasma Physics. Little known outside the world of plasma physics, a stellarator is an alternative to the better-known tokamak device. The twisted structure of the stellarator is more complicated to design and build than a traditional tokamak but produces a more stable plasma that could enable scientists to sustain the fusion reaction for longer.

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