

## Ground-breaking start-up Novatron Fusion Group secures investment for unique fusion power technology

*EIT InnoEnergy invests in Novatron Fusion Group AB to support with development and commercialisation of fusion, while collaborating with KTH Royal Institute of Technology on feasibility of technology breakthrough*

**06 December 2022:** [EIT InnoEnergy](#), the innovation engine for sustainable energy supported by the [European Institute of Innovation and Technology](#) (EIT), an institution of the European Union, announces today its investment in Swedish headquartered Novatron Fusion Group AB. The company is developing a new proprietary fusion power concept that will make fusion energy production a commercially viable source of energy.

The investment is reinforced by a partnership between KTH Royal Institute of Technology (KTH), Novatron Fusion Group and EIT InnoEnergy, with the aim of taking fusion together into a future global large-scale green energy source. The partnership will build a new test facility to validate Novatron Fusion Group's unique approach to plasma confinement and conduct research and education in the area. The goal is to demonstrate within the coming year that stable plasma can be achieved – a fundamental prerequisite for achieving stable and continuous fusion. Long term, the vision is to have a commercial fusion design that enables net-power to the energy grid in the final stage before 2040.

**Peter Roos, CEO at Novatron Fusion Group comments:** *“Fusion power has long been suggested as the technology breakthrough needed to support reaching with the global shift to net zero goals. However, it has also struggled to be proven technically and commercially viable. We believe our innovation is the key to unlocking the large-scale production of energy through fusion.”*

Novatron Fusion Group aims to make commercial development and construction of fusion energy power plants economically viable at a fraction of the cost of current methods, providing access to large-scale clean, safe, sustainable, and stable energy production for the benefit of all, supporting with Europe's move to reach their Green Deal targets.

**Diego Pavia, CEO of EIT InnoEnergy adds:** *“Beating climate change demands big-impact innovations, and these innovations require resources and investment to scale them. Novatron Fusion Group is one of the many examples of EIT InnoEnergy supporting in this way, accelerating progress to net zero. Fusion power is a crucial base-load solution in our zero-carbon journey. It is for that reason, I am greatly excited about the impact Novatron Fusion Group's unique solution could have on industry by making fusion a reality.”*

Stefan Östlund, vice-president for global relations at KTH added: "We are delighted to be collaborating once again with EIT InnoEnergy. Having successfully worked together in many areas including innovation and education, our latest joint ambitions for fusion technology have the potential to develop into something truly valuable."

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### About EIT InnoEnergy

[EIT InnoEnergy](#) operates at the centre of the energy transition and is the leading innovation engine in sustainable energy, bringing the technology and skills required to accelerate the green deal and Europe's decarbonisation goals.

Recognised globally as the [most active sustainable energy investor](#) and one of the largest [climate tech](#) and [renewable energy tech](#) investors in 2020, EIT InnoEnergy backs innovations across a range of areas. These include energy storage, transport and mobility, renewables and sustainable buildings and cities – leveraging its trusted ecosystem of 1200+ partners and 29 shareholders. The 180+ portfolio companies are on track to generate €72.8 billion in revenue and save 1.1G tons of CO<sub>2</sub>e annually by 2030.

EIT InnoEnergy is the driving force behind three strategic European initiatives which include the [European Battery Alliance](#) (EBA), the [European Green Hydrogen Acceleration Centre](#) (EGHAC) and the European Solar Initiative (ESI).

EIT InnoEnergy was established in 2010 and is supported by the European Institute of Innovation and Technology ([EIT](#)), an independent EU body set up in 2008 to drive innovation and entrepreneurship across Europe. Today, EIT InnoEnergy has offices across Europe and in Boston, US. [www.innoenergy.com](http://www.innoenergy.com)

### About Novatron Fusion Group AB

Novatron Fusion Group is a Swedish company, with headquarters in Stockholm. Established in 2022, we are developing a new proprietary fusion power concept, together with world leading physicist, engineers and academia.

The Novatron fusion power concept is based on a new solution to the fusion plasma containment problem, that appears to have been discovered by Swedish inventor and entrepreneur, Jan Jäderberg. [www.novatronfusion.com](http://www.novatronfusion.com)

### About KTH Royal Institute of Technology

KTH is one of Europe's leading technical and engineering universities and a key centre of intellectual talent and innovation. As Sweden's largest technical research and learning institution, we are home to

students, researchers and faculty from around the world. In collaboration with both the private and public sector, KTH strives to find sustainable solutions to some of the world's most crucial challenges: climate change, future energy supply, and urbanisation. KTH has Sweden's largest research team within fusion and the field spans multiple disciplines.

<https://www.kth.se/en>