



The natural way to make clean steel & cement

12 December 2025

Natrium Redox Technologies Limited launches to commercialise Natrium Redox™ Technology invented by Marcus Cavalier

Natrium Redox Technologies Limited (“NRTL”) is pleased to announce its official launch as a company dedicated to advancing the Natrium Redox™ process, a proprietary technology invented by Marcus Cavalier. The company’s mission is to deliver innovative solutions for near-carbon neutral production of primary feedstocks used in the steel, metal alloys, cement, and commodity chemicals industries.

NRTL has secured an exclusive, global license to the Natrium Redox™ process and all associated intellectual property from Marcus Cavalier. This agreement covers all rights to the technology, including fourteen foundational patents recently submitted to the Intellectual Property Office under the Patent Cooperation Treaty.

In recognition of his pioneering work, Marcus Cavalier has been appointed Chief Scientific Officer and General Patent Counsel of Natrium Redox Technologies Limited. He will lead the company’s scientific development and intellectual property strategy as it seeks to scale and commercialize the Natrium Redox™ process.

Bill Higgs, Executive Chairman of Natrium Redox Technologies Limited, commented: “We are excited to have the exclusive opportunity to commercialise this revolutionary technology that has the potential to materially reduce global emissions from these heavy industries while improving returns.”

Marcus Cavalier, Chief Scientific Officer and General Patent Counsel, said: “I am so pleased to be working with the NRTL team and look forward to rapidly progressing the Natrium Redox™ technology to scale.”