

**Who did we support?**

The Research Relations Team supported a **Hitachi – UCAM** EPSRC Prosperity Partnership applications in 2024-25:

“EngZyme: Engineered Enzymatic Catalysts for In-flow CO2 Upcycling”. This application expanded Cambridge’s partnership with Hitachi into the sustainability area, developing and scaling the use of enzyme catalysts for recycling CO2. This award was successful receiving £1m from EPSRC and a further £1m from Hitachi.

**Where can you find more info:**

More information about the project:

<https://www.ceb.cam.ac.uk/news/cleaner-chemicals-from-co2>

**How to contact the Research Relations team:**

<https://www.phystechresearchrelations.group.cam.ac.uk/contact-us>

**What was the opportunity?**

Prosperity Partnerships are collaborative research programmes funded jointly by businesses and the UK Government through the Engineering and Physical Sciences Research Council (EPSRC) and other UKRI councils.

Prosperity Partnerships are an opportunity for businesses and their existing academic partners to co-create and co-deliver a business-led programme of research activity arising from a clear industrial need.

Information on Prosperity Partnerships: [Prosperity Partnerships: business and academia collaborations – UKRI](https://www.ukri.org/what-we-do/browse-our-areas-of-investment-and-support/prosperity-partnerships-business-and-academia-collaborations/)

**What the PI said:**

Professor Ljiljana Fruk, Department of Chemical Engineering and Biotechnology, PI on Cambridge-Hitachi Prosperity Partnership

“*We are thrilled to collaborate with Hitachi on development of enzyme-inspired strategies and reactors to transform alcohols into more complex carbon molecules. Supported by EPSRC, this grant marks a significant step in the up cycling of captured CO2.*

*A huge thank you to the Research Relations team for their invaluable support throughout the grant writing process. Their insightful feedback and, crucially, their support during the interview preparation session were instrumental in our success. Thanks to their advice, we were fully prepared to tackle the questions and secure the funding*.”

**What did we help with?**

* The Research Relations Team met with the academic and industrial PI to explain the important features of the scheme.
* We reviewed the grant text and provided suggestions on improvements.
* We sent the PI an example application to see how a previous winner had framed their proposal.
* We organised mock interviews inviting academics with experience of the scheme, and from industry to be part of a mock panel.
* We compiled and sent the PI example questions to think about in advance of the real interview based on our experience of previous real Prosperity Partnership interviews.

EPSRC PROSPERITY PARTNERSHIPS

Research Relations Team CASE STUDY