

Satellite Applications

Impact Story

Rezatec

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How has Catapult helped?

Opened export opportunities: Through a Foreign & Commonwealth Office (FCO) funded collaborative project, Rezatec gained significant insight into agricultural value chains in Latin America and developed a network of potential collaborators in Colombia, Peru and Paraguay. Rezatec also had the opportunity to attend SpaceCom2015 in Houston as part of a Catapult delegation.

Increased UK visibility to industry & customers: The Catapult regularly invites Rezatec to participate and speak at conferences and other events including: “From Satellite to Soil” organised by the Royal Society in July 2016 as well as providing opportunities to meet a number of senior UK dignitaries and politicians including Liz Truss, Vince Cable, Nick Clegg, David Willetts and Prince Andrew. In 2015, Catapult also put Rezatec forward to attend a Technology reception at Buckingham Palace hosted by the Queen and Prince Philip.

Increased University connections: Rezatec hosted two interns through the Space Placements in Industry (SPIN) programme.

Impact

Grown to **£2m** revenue in four years.

Increased number of employees from **4 to 23** since Catapult first met Rezatec.

Rezatec raised over **£1m** in private equity funding in 2016.

New customers include Scottish Water, Southern Water and Defra.

Rezatec products are being used by half of all UK water companies and starting to gain traction in the USA, and the company won **‘Most Innovative Technology’** category at Utility Week Live 2017.

Introduction to:



Rezatec

Analyzing Earth Data

Rezatec is a leading provider of geospatial decision support tools derived from the sophisticated analysis of Earth observation and multiple other sources of remote sensing data. Rezatec provides Big Data geo-analytics with actionable insights using proprietary algorithms and advanced machine learning techniques. Users can access this Data-as-a-Service landscape intelligence via the company's web-based portal.

Headquartered within the UK Space Gateway at Harwell, Rezatec customers operate in a range of sectors including water, agribusiness, energy, urban infrastructure and forestry.

Working with Rezatec

Catapult has been working with Rezatec since 2013. The company is based in the same building as Catapult, offering Rezatec the opportunity to participate in workshops, networking events and benefit from connecting with the wide range of visitors the Catapult receives each year.

Catapult and Rezatec have worked together, on a number of projects including a Foreign & Commonwealth Office (FCO) funded collaborative project "Increasing food security and agricultural competitiveness in Peru, Colombia and Paraguay". The objective was to help demonstrate the benefits of using Earth observation (EO) data in crop monitoring and early warning systems to improve food production and security of supply in support of agricultural organisations.



Rezatec is based alongside the Catapult in Harwell and has significantly benefitted from being in the same building.

The opportunities afforded by the Catapult in terms of raising our profile in front of prominent people within the industry and Government have been invaluable. They have invited us to events and allowed us to showcase ourselves, which has been brilliant. We use the Catapult's cloud-based infrastructure (CEMS) to help manage the challenges of working with Big Data. We don't have that kind of capacity internally but we needed some way of storing, processing and delivering our products, so we chose to use the virtual machines within CEMS. It's been really useful to have it on-site here.

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