





Satellite Applications

Impact Story

AgSpace

“ The Satellite Applications Catapult is the team fighting your corner as you try to promote your business, which is a huge help at any time. ”

How has Catapult helped?

-  **First Engagement:** Catapult provided the first engagement to explore collaborations re Sentinel data exploration.
-  **Product development with technical expertise:** Catapult helped AgSpace with the development of new tools based on Synthetic Aperture Radar (SAR) data, supporting feasibility and demonstration projects with technical experts. AgSpace plan to launch a commercial service to farmers in 2017.
-  **Increased UK visibility to industry:** AgSpace has been offered several speaking opportunities through the Catapult, including the Royal Society 'Satellite to Soil' event in June 2016. These have provided a platform to increase awareness of AgSpace and its capabilities.
-  **Opened international opportunities:** Through Catapult introductions to the UK space community, AgSpace participated in an STFC Newton Agri-Tech Fund project in China to use the UK's expertise in remote sensing and modelling in agricultural technology to work with the Chinese farming community.

Impact

AgSpace has recently been bought out by **Origin Enterprises.**

In the past 3 years, they have grown from **16 to 28 employees.**

In 3 years, **turnover doubled**, driven by record growth in the number of customers using their services.

Won the Sainsbury's **Big Data Award** in December 2014.

International expansion, opening an **office in Africa** in 2016.

Introduction to:



AgSpace was founded in 2013, by a team from precision agriculture firm The Courtyard Partnership, to provide the agronomy sector with software tools that help improve decision making to maximise food production. Since its formation, AgSpace has gone from strength to strength, acting as software wholesaler for several notable businesses and winning development grants to further develop the precision agriculture market.

Working with AgSpace

The Catapult first engaged with AgSpace in February 2014, to explore collaboration opportunities regarding the exploitation of Synthetic Aperture Radar (SAR) data for agriculture. Since then, the Catapult and AgSpace have worked together on several projects, including feasibility studies and demonstration projects. The Catapult has contributed its specialist knowledge of processing SAR data to AgSpace's agricultural software tools.

The Catapult has also provided numerous marketing and publicity opportunities for AgSpace, including speaking engagements at conferences and prestigious events.



We have an excellent relationship with the Catapult.

They have delivered a sustainable network for our rapid business growth. Their industrious approach and hard work has resulted in additional opportunities for our business. Their blend of academic and business focused staff gives them a unique advantage to help our business.

They are the team fighting your corner as you try to promote your business, which is a huge help at any time. They are also very helpful on the technical side. For example, they have helped us to develop tools which we would never develop on our own, but they have the experts and network links to help us develop and deliver more effectively.

Vincent Gillingham

Director



NDVI image showing how crop biomass imagery matches the soil management zones.

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