





Satellite Applications

Impact Story

Clyde Space

“ The support of the Catapult over the last few years has directly aided the growth of Clyde Space, which has averaged 60% per annum for the last three years. ”

How has Catapult helped?

- **Technical development:** Catapult and Clyde Space worked to develop an end-to-end nanosatellite mission development kit called NANOBED, a start-up laboratory facility for mission demonstration. NANOBED is now available as a commercial product and Clyde Space delivered a NANOBED to a University in Mexico as part of a UK Space Agency programme.
- **Opening new markets:** Clyde Space and Catapult worked together with a satellite operator and a potential customer from the Oil and Gas sector to design a bigger platform for more power-demanding telecom payloads.
- **Shared knowledge and skills:** Catapult hosted two Clyde Space secondees, enabling both organisations to benefit from shared knowledge and skills throughout the project.
- **Provided business support:** Catapult is helping Clyde Space to scale-up and grow their business operations with an international focus.
- **Demonstration opportunities:** The In-Orbit Demonstration Programme run by Catapult and Innovate UK, enables UK businesses to fly a payload in space on Clyde Space CubeSats to demonstrate capability and develop new commercial services.

Impact

Now **No.1** in the world for CubeSats.

5x increase in turnover in the three years 2013 to 2016.

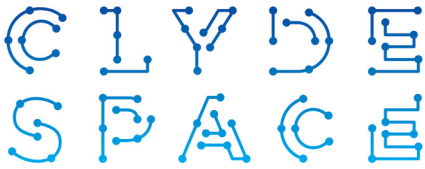
£5m turnover for the financial year 2015/16.

Rapid company growth, with over **80 staff** now employed.

Secured **commercial contracts**, including Spire and Kepler Communications (each worth around £1m).

Won **Queen's Award for Enterprise** in the Innovation Category (2017) and **Sunday Times Innovation Award** (2017).

Introduction to:



Clyde Space is recognised as a world-leading quality innovator and supplier of CubeSats and small satellite systems, and is a British success story in the space industry, Glasgow now produces more satellites than any other European city. Clyde Space produces 6 CubeSats each month from their manufacturing cleanroom in Scotland for customers including the UK Space Agency, the European Space Agency, Kepler Communications, Spaceflight, SSL and LuxSpace.

Clyde Space was founded in 2005 by Craig Clark, and is privately owned with backing from local private equity investors (Nevis Capital and Coralinn). Today, the company is committed to supporting the increasing number of commercial, military and science applications of CubeSats and small satellites via a process of continuous innovation and process development.

Working with Clyde Space

Clyde Space has been working with the Catapult since 2013 due to the alignment of Catapult's strategic goal to increase the UK small satellite supply chain, and Clyde Space's position as one of the world-leading suppliers of CubeSats.

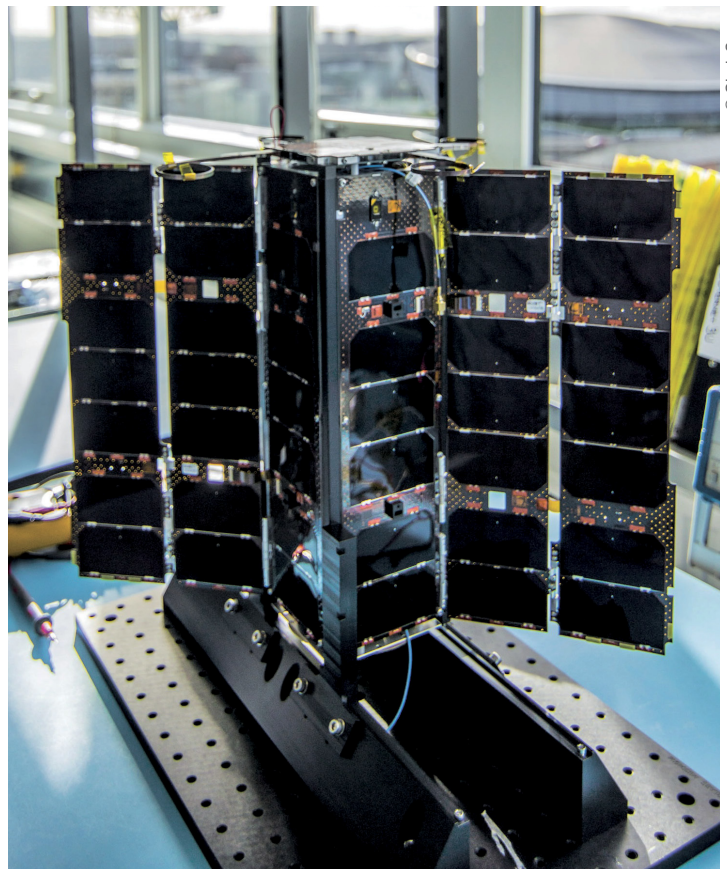
Through regular interaction between Clyde Space and the Catapult's Scottish Centre of Excellence (including networking and demonstration opportunities hosted for Clyde Space), collaboration on projects (such as NANOBED), and strategic business support, together they are increasing the potential for CubeSat manufacturing in the UK.



Without the Catapult, I am certain that the UK would not be as well positioned globally as a leading commercial space nation. The Catapult provides

the link between space technology and real-life applications, bringing together entrepreneurs, big data consumers within industry and government and helping to nurture and navigate the opportunities. The Catapult is a vital part of the UK space industry growth.

Craig Clark, MBE
CEO



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Clyde Space is working with Catapult on the In-Orbit Demonstration Programme.

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