Space Sector Supply Chain Analysis and Modelling

Code

20/05

Company

Satellite Applications Catapult, Market Intelligence/Business Strategy Team

Location

Harwell Campus, Didcot

Project Description

Every industry, including Space, is part of a greater supply chain—the sequence of industries involved in the production and distribution of a good or service, from raw materials to final products. It is crucial to understand the dynamics to make better strategic decisions, especially as the space industry looks to further collaborate with, and integrate applications into other sectors (agriculture, health, transport etc.).

A clear understanding of the space sector supply chain is required by policy advisors in the sector trade association, the UKSA, the Catapult and academia to inform the UK Government and UK industry as well as encouraging appropriate Foreign Direct Investment.

This project will look at **mapping the UK space supply chain** through conducting robust **market analysis**, fulfilling an important gap in the sector's knowledge. This will ultimately allow space businesses in the UK to be more flexible and grow at a faster pace, regionally and nationally, helping reach the target of 10% share of the global sector by 2030.

Working with the Catapult and bodies such as the UKspace Trade Association and KTN, the candidate will develop a detailed supply chain map, identify and profile key stakeholder organisations, their main space related capabilities and determine their place in the UK space ecosystem.

The candidate will highlight gaps in the supply chain and identify adjacent industry sectors that could be engaged to close space sector gaps.

Deliverables will be in the form of a comprehensive database and geospatial mapping tool supplied by the Catapult / KTN that can be used to maintain a dynamic view of the development of the Space Sector Supply Chain.

Applicant Specification

- Experience and passion to work on innovative ideas and create and build new processes
- Organized, self-starter and a quick learner
- Must be detail-oriented but with an ability to understand how components of a complex ecosystem interact.

Minimum Requirements

- Completing Bachelor's/Master's degree in a business subject or other discipline with a strong interest in understanding how technology is exploited in a commercial environment
- Strong data analysis skills, ability to produce, interpret and draw conclusions from data
- Strong knowledge of Microsoft Office suite, especially Excel
- Excellent communication skills – whether verbal, written or presentation

Preferred Additional Requirements

- Some experience in a business, data or statistical analyst role OR previous experience in an analytical environment
- Good understanding of supply chain theory and methodologies
- Some knowledge and interest of the space sector would be beneficial

Application Closing Date

5pm Monday 9 March

Interview Dates

19 & 20 March and 23 & 24 March

While sending in your applications, ensure you will be available for an interview for the days mentioned above.

Start date & salary:

The internship is for 8 weeks fixed term contract starting on 15 June 2020 and the salary is £1,500 per calendar month. The SPIN induction day will be on the start date.