



# **Opportunities for Manufacturers in the Space Sector – How To Guide**

**Event Summary**  
**11 May 2022**

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# Introduction

## Space Hub Yorkshire supports the How To Guide

In partnership with the Leeds City Region – Supply Chain Programme and the 3M Buckley Innovation Centre, Space Hub Yorkshire supported a second event on ***Manufacturing Opportunities in the Space Sector***, the ***How To Guide***.

In Yorkshire and the Humber, Space Hub Yorkshire's mapping identified 143 Space-relevant businesses and 358 that are space-adjacent, and the region can expect Space-enabled technology and services to underpin £50BN of regional GDP growth by 2030.

There are many manufacturing businesses that could be exploiting Space more, to innovate, grow and drive profit.

This event was a follow on from our AMRC event that took place on Tuesday 26th April 2022 at the Advanced Manufacturing Research Centre which explored the opportunities available for manufacturers in the Space sector. The *How To Guide* expanded on this and examined how organisations can make the most of these opportunities.

The event comprised of a number of engaging talks giving an academic, business and legal focus on how you can grasp these opportunities, as well as a couple of case studies of businesses that is already working successfully in the Space sector.

The ***Manufacturing Opportunities in the Space Sector - How To Guide*** was an in-person event, delivered at the *3M Buckley Innovation Centre*, a subsidiary of the University of Huddersfield, on Wednesday 11<sup>th</sup> May. There were also several exhibitors from partner organisations who were on hand to share their expertise at this networking event.



Figure 1: Event banner

## Organising Partners

The festival was funded by Space Hub Yorkshire; organised by the 3M Buckley Innovation Centre, a subsidiary of the University of Huddersfield; and supported by the Leeds City Region Supply Chain Programme (LCR-SC).



Leeds City Council – Supply Chain

3M BUCKLEY  
INNOVATION  
CENTRE

A subsidiary of the University of  
Huddersfield



Figure 2: Organising partners

# Schedule

## **Opportunities for Manufacturers in the Space Sector – How to Guide** **Wednesday 11<sup>th</sup> May - 09:15-13:00**

**Conference Space - 3M Buckley Innovation Centre**

**Agenda**

**Hosted by Steve Gregory**

**09:15 – Introductory Drinks and Breakfast**

**09:45 – Talk - Shirley Harrison – AMRC**

*Re-cap from previous event.*

**10:00 – Talk - Steve Crow – Clarion Solicitors**

**10:30 – Talk – Steve Gregory - University of Huddersfield**

*Reflection of the opportunities available at the University of Huddersfield.*

**10:40 – Break – Meet the Exhibitors**

- Leeds City Region -Supply Chain Programme
- 3M Buckley Innovation Centre
- Huddersfield Business School
- Space Yorkshire
- National Physical Laboratory
- AMRC
- WRIPA

**11:00 – Talk – Ian Rhodes – Leeds City Region -Supply Chain Programme**

*Advice on entering new sectors.*

**11:20 – Talk - Mandy Ridyard – Produmax**

*The Produmax story.*

**11:40 – Talk – Robert Lowther – SylTech**

*The SylTech story.*

**12:00 – Networking Lunch**

**12:30 – Optional Tour – 3M Buckley Innovation Centre**

**13:00 - Close**

# Programme

Speakers and Exhibitors came from 12 organisations.

Three **academic institutes**

Two **research innovation centres**

One **regional Space coordinator**

Four **Space businesses**

One **consortium**

The local **council**



The  
University  
Of  
Sheffield.

**AMRC**  
Advanced Manufacturing  
Research Centre



**Clarion**



Figure 3: Speakers and exhibitors delivering the event

# Audience

The event was primarily targeted at an industry audience, particularly in the manufacturing sector, which was successfully achieved, with almost **70%** industrial attendance. It also attracted research and innovation participants from academia and government organisations.

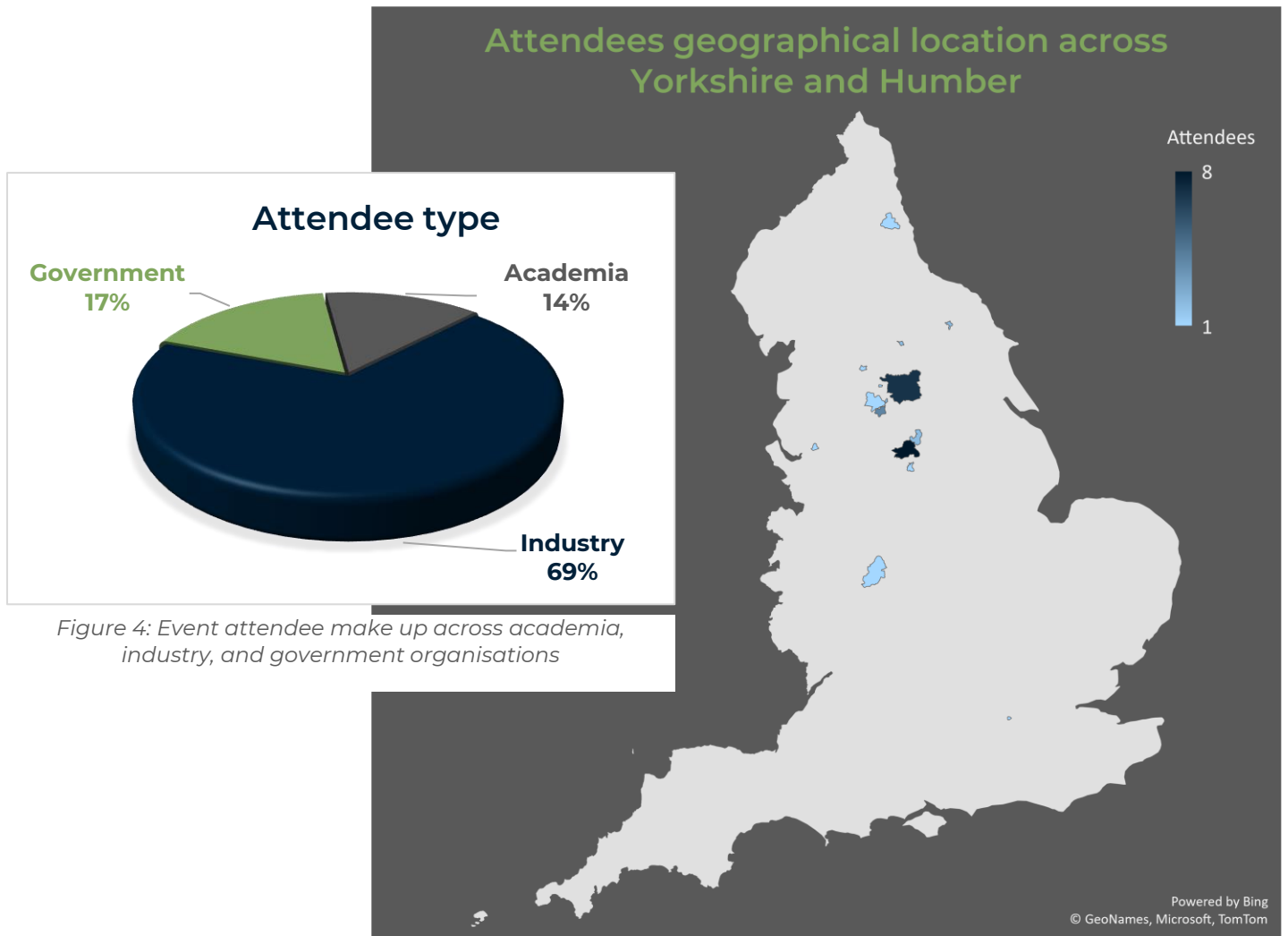


Figure 4: Event attendee make up across academia, industry, and government organisations

Figure 5: geographical locations of attendees from across Yorkshire and Humber

The event was a small showcase. **55%** of the attendees were from Leeds, Sheffield and Huddersfield, with the remaining coming from surrounding towns and cities; however, we also welcomed guests from as far out as Birmingham, Teddington and Newcastle Upon Tyne.

Industry attendees were from diverse sectors within manufacturing, including personal care products, industrial machinery, medical equipment, defense and space and mining.



Figure 6: Industry attendees at the event

## Meet the Exhibitors

Seven diverse organisations exhibited at the event.

### Advanced Manufacturing Research Centre

The University of Sheffield Advanced Manufacturing Research Centre (AMRC) is a network of world-leading research and innovation centres working with manufacturing companies of any size from around the globe. The AMRC has over 120 industrial members ranging from global giants to small companies.

### 3M Buckley Innovation Centre

Based in Huddersfield, the 3M BIC is a centre for enterprise and innovation for businesses across the region, with a strong focus on SMEs. 3M BIC provides access to leading expertise, R&D, and facilities to scale-up businesses, create a new product or improve an existing one, disrupt a prevailing business model to affect change, or fast-forward business processes.

### Huddersfield Business School

Huddersfield Business School is an internationally renowned business school, delivering an inspirational and innovative learning experience and undertaking pioneering research with a practical emphasis on real-world application.

### Leeds City Region – Supply Chain Programme

Funded through the European Regional Development Fund (ERDF) and the University of Huddersfield, one of the main business support programmes in the Leeds City Region Enterprise Partnership (LEP) region. Supporting SMEs to improve their Supply Chain Development, Operations and Efficiencies; providing free advisory input and grants to support project implementation.

### National Physical Laboratory

The *National Physical Laboratory* is the national measurement standards laboratory of the United Kingdom. It sets and maintains physical standards for British industry. Founded in 1900, the NPL is one of the oldest metrology institutes in the world.

### Space Hub Yorkshire

*Space Hub Yorkshire* is the coordinator of Space activity across the region. Unlocking Space for the people and businesses of Yorkshire. Connecting, promoting, and guiding innovation. Raising skills, raising aspiration. Championing inclusion. Delivering prosperity.

### WRIPA

*White Rose Industrial Physics Academy*, whose mission is to bring students and businesses together to foster innovation and retain talent within Yorkshire, Humberside and the East Midlands

# Impact

**Connected** with businesses that were **attending a space sector event for the first time**

**30** attendees from **35** distinct organisations

Attendees made **new connections** at this event

**70%** of attendees were from **industry**

## Feedback

The presentations were really good and spoke about the many different opportunities within the Space sector for SMEs in the Y&H region.

Managed to network with Shirley Harrison from AMRC and Mandy, also managed to get a meeting with Steve Crow afterwards.

I took a Physics final year undergrad with me and he found it interesting; he was unsure whether he wanted to go straight into industry or do a PhD. What he said afterwards was that he hadn't realised how many opportunities there are for Astrophysics graduates.

# Summary

This was a small follow up event to a previous occurrence for ***Manufacturing Opportunities in the Space Sector***. It was designed to be a more focussed guide on how to access opportunities and funding, and how to progress to the next steps. It was a very well received event and due to the smaller numbers was an ideal setting for attendees to receive expert advice from the event speakers and exhibitors.

Space Hub Yorkshire would like to thank the 3M Buckley Innovation Centre and the University of Huddersfield for organising and delivering a successful event, promoting the awareness of Space opportunities in the region.

**Unlocking Space for the people and businesses of Yorkshire.  
Connecting, promoting, and guiding innovation.**

- Space Hub Yorkshire



