

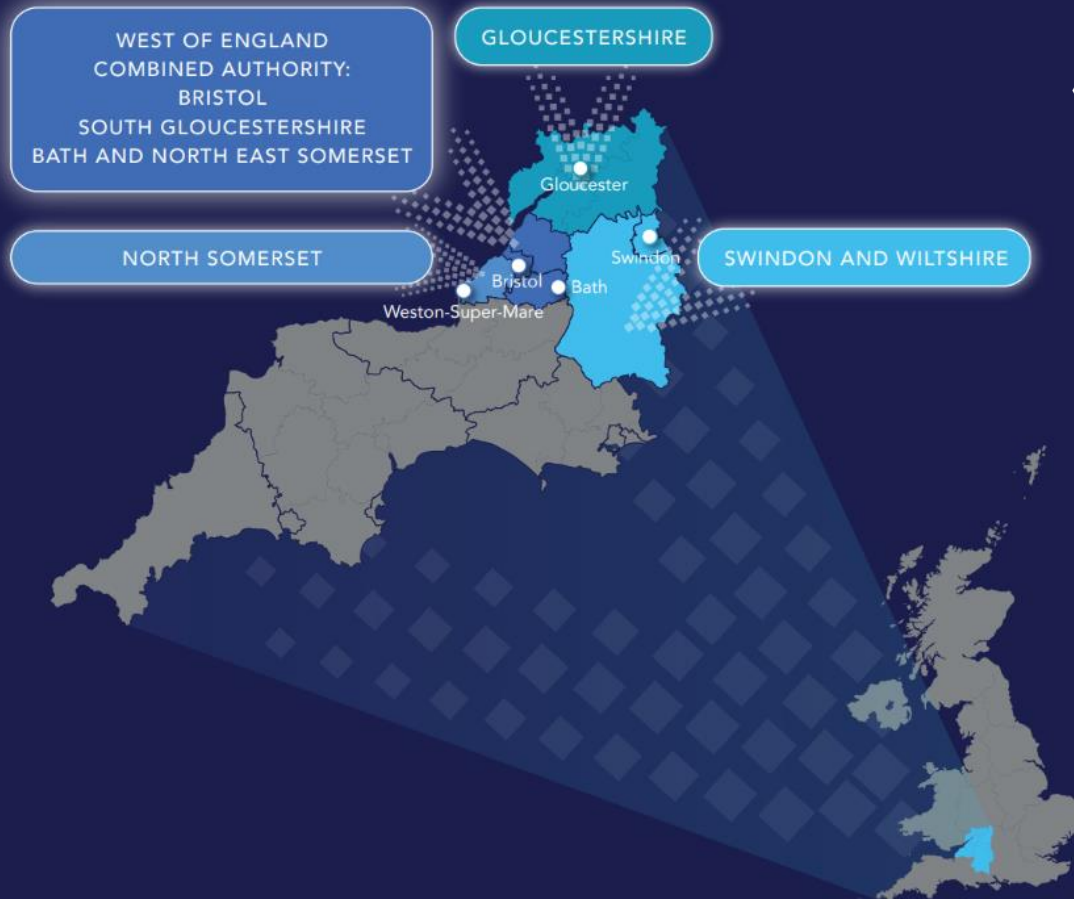
SPACE IN THE WEST OF ENGLAND





SPACE WEST REGION

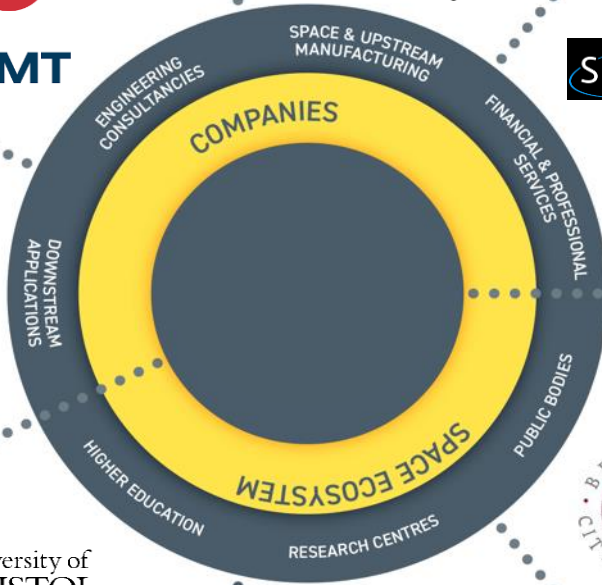
Maximising The Benefits of Space for a Secure and Sustainable Future



◇ South West is home to the **third largest concentration of space organisations** in the UK, home to 250 space organisations.

◇ South West saw **significant income growth of 34%** since 2018/19

◇ **Diverse space sector-** complemented by exceptional aerospace, cyber and advanced engineering capabilities, as well as a vibrant and highly innovative digital and high-tech sector



- ROLLS ROYCE
- CGI
- ThalesAlenia Space
- babcock
- ATKINS (Member of the SNC-Lavalin Group)
- Nova Systems
- LENASPACE (accelerating space access)
- SPACE FORGE
- GEOVATION
- FRAZER-NASH CONSULTANCY
- PA (Bringing Ingenuity to Life)
- BRISTOL SPACEPLANES
- HIETA technologies
- Deloitte.
- COSMIC FUTURES
- BMT
- SATURN
- FootAnstey
- CACI
- Geollect (Geospatial Intelligence & Analysis)
- evriINSIGHT (ENABLING SMART DECISIONS)
- 4E1
- URBAN HAWK (DATA INTELLIGENCE)
- RISK AWARE
- WEST OF ENGLAND (Combined Authority)
- Invest BRISTOL + BATH
- Zeetta NETWORKS
- HIGHER EDUCATION
- RESEARCH CENTRES
- Public Bodies
- University of BRISTOL
- BRISTOL CITY COUNCIL
- Bath & North East Somerset Council
- UWE Bristol (University of the West of England)
- UNIVERSITY OF BATH
- NATIONAL COMPOSITES CENTRE
- South Gloucestershire Council
- BATH SPA UNIVERSITY
- cfms
- brl (Bristol Robotics Laboratory)
- North Somerset Council
- DETI (DIGITAL ENGINEERING TECHNOLOGY & INNOVATION)
- IRAPS (ADVANCING PROPULSION)

Impressive Research Capability



- ◇ **More PhDs than Ox-Cam Arc-**
Over 15 Space relevant CDT's across the universities of Bath, Bristol and West of England



- ◇ **Underpinned by world-class research intensive universities** – recognised for capabilities in aerospace, semiconductors, quantum, cybersecurity, networks and communications, earth observation, material science, AI and HPC



- ◇ **Unique Research Facilities -**
National Aeroacoustic wind tunnel, ISAMBARD and ISAMBARD AI



Delivering a secure and sustainable future



The **Secure and Resilient Communications** theme will harness our strengths in Cyber, Semiconductors, Telecomms, Quantum and AI to address current and future challenges in:

- Cybersecurity Standards and Regulation for Space Assets
- Dynamic Networking
- High speed optical Communications



The **Intelligent Systems and Robotics** theme will draw on our strengths in AI, robotics, Modelling and Simulation and High Performance Computing to develop new technologies needed to derisk and realise future ambitions associated with:

- Space Domain Awareness
- In Orbit Servicing and Manufacture
- Space Based Solar Power



The **Materials for Extreme Environments** theme will exploit expertise and capabilities in composites, materials design, testing and verification as well as adjacent sector strengths in aerospace, nuclear and hydrogen to address challenges in:

- In orbit manufacture
- Advanced materials for space
- Vehicle Structures

Join our mailing list to receive news,
opportunities and updates!



INWARD INVESTMENT OPPORTUNITIES



Image credit: Limbic Cinema

WE ARE HOME TO A THRIVING ECOSYSTEM

that fosters business growth and acceleration.



ACCESS

to the UK's most highly qualified workforce.



OPPORTUNITIES

to join local, regional, national and international facing events.



POTENTIAL PARTNERSHIP OPPORTUNITIES

to work with the West of England Combined Authority and stakeholders in realising the region's Space Priority Actions and Grand Ambitions.



FACILITIES OFFERING OFFICE AND INDUSTRIAL SPACE,

access to talent, access to events, many workshops and incubation programmes. Grow with Institute for Advanced Automotive Propulsion Systems, National Composites Centre, SETSquared, Bristol & Bath Science Park, The Engine Shed, FutureSpace and more.



BURGEONING START-UPS

and SME's working in a variety of space-related sectors will benefit from the range and depth of cross-sectoral collaboration that will propel their business to newer and higher levels.



ACCESS TO OUR INDUSTRY-LEADING RESEARCH AND DEVELOPMENT FACILITIES

to support product development and application.




DISCOUNTED SERVICES

and 'soft-landing' offers from local partners.



BE AT THE FOREFRONT OF INNOVATION

by being based, and working closely with, businesses and individuals at the front line of the digital, cyber, quantum and AI transformation.



STRATEGIC PILLARS AND PRIORITY ACTIONS



CAPABILITY



Deliver flagship collaborative R&D projects and capture new market opportunities and driving cross-sectoral innovation



Stimulate engagement between the space sector and the aerospace, defence, cyber, high-tech, digital and creative communities



Establish a Space Living Lab to undertake real-world test and demonstration of space-enabled applications

TALENT



Identify and address skills gaps based on how existing STEM skills and workforce mechanisms in the region can support the space sector



Maximise benefits from national skills and diversity initiatives



Establish international educational partnerships and enhance collaboration between sectors

ENTERPRISE

Establish mechanisms for space entrepreneurs, start-ups and SMEs undertake collaborative research with larger companies and academia



Promote space-specific business support and sources of finance widely and effectively within the West of England



Provide access to affordable space incubation acceleration support, and facilities

BEYOND BOUNDARIES



Develop a compelling space proposition and marketing materials to showcase the West of England's strengths and capabilities



Host a major space conference and participate in internationally-significant space shows



Collaborate with other UK space hubs and build international relationships to drive a step-change in space-related exports and inward investment