

Critical for UK economy

17.7%

of UK GDP dependent on satellite services



£7.6 bn

of UK GDP would be lost if satellite navigation services went down for a 7 day period

Sources: Size & Health of the UK Space Industry 2022; Economic Impact to UK of disruption to GNSS, 2023

UK Space Sector High productivity & high growth



Year-on-year sector growth outpaces wider economy by over **5%**



1590

organisations



49k

people employed



£17.5 bn

income generated

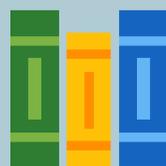


2.5 x

the national average for labour productivity

Source: Size & Health of the UK Space Industry 2022

Leadership in Space Science



300

Annual publications linked to UK Space Agency programmes



4th

in the world for % of publications in top 10% most cited

80%

of UK-led publications include international collaboration

Top 3 collaborators

United States
France
Germany



Source: UK Space Agency Bibliometric Analysis, 2021; OECD Space Forum, 2023

Weather, Climate & Net-zero



60% of Essential Climate Variables cannot be measured without Earth Observation satellite capabilities



Weather forecasting & climate services provided by satellites contribute at least **£1bn per year** to the UK economy

Source: Value of satellite-derived Earth Observation capabilities to the UK Government, 2018



Future Growth & Levelling Up

UK Space Agency programmes are increasingly focused upon **catalysing inward private investment** within the UK

- National Space Innovation Programme
- Connectivity in Low Earth Orbit
- Unlocking Space for Business
- Unlocking Space for Investment
- Space Clusters Infrastructure Fund

UK Space Agency spending is increasingly **outside of the Greater South East**



Recent £15m UK Space Agency commitment **catalysed £35m private investment** to fund skills and technology centre in North East England

Public spending compared to other space nations

In 2022, HMG spent **0.025%** of national GDP on Civil Space

This was:

- 2 times **less** than Germany, India and Belgium
- 3 times **less** than Italy and Japan
- 4 times **less** than France and the USA

Source: The Space Economy in Figures, OECD, 2023