

SPACEPORT CORNWALL

Cornwall will grow the Space Sector through the development of:

- Satellite applications focused on Goonhilly Earth Station
- Business/research hubs
- Spaceport UK



VISION FOR SPACE GROWTH IN CORNWALL BY 2020



DELIVERABLE SOLUTION FOR SPACEPORT UK

Cornwall Airport Newquay (NQY) is the best place for the UK's first Spaceport.

WHY?

1. RUNWAY

One of the UK's longest runways at 2,744m

2. AIRSPACE

Uncongested, clear, with access to segregated airspace

3. LOCATION

Direct access to sea and low population density

4. AIRPORT INFRASTRUCTURE

UK's newest airport with excellent air navigation aids

5. CONNECTIVITY

Routes to London Gatwick and regional cities such as Manchester, Belfast, Birmingham, Edinburgh, London Stansted and Newcastle

Good road access

Superfast broadband

6. AEROHUB ENTERPRISE ZONE

The largest development site in the UK's west

Tax incentives and a planning free environment

Land availability for the construction of Spaceport UK

7. FUNDING

£530m investment portfolio and EU Growth programme; Aerospace and space identified as target for investment

9. SKILLS

Leading Universities working on a shared campus. Specialisms:

University of Exeter - Engineering, Mathematics and Physical Sciences (engineering structures, control systems, remote sensing applications)

Falmouth University - Digital Economy, Sustainable Design and Smart Energy

University of Plymouth - security, communications and networks, fixed mobile satellite communications and intelligent robotic & autonomous systems

8. SUPPLY CHAIN



- Fully operational satellite communications teleport
- Carries business internet data
- Command and control centre gateway
- New Enterprise Zone
- UK Catapult South West Centre of Excellence in Satellite Applications
- Space vehicle tracking and Comms

10. LIFESTYLE AND HIGH VALUE TOURISM

An existing, "ready-made", high value tourism infrastructure network

SPACE INSPIRES

All local schools have specialist status in at least one discipline

BLOODHOUND SSC

A rocket and jet powered vehicle capable of achieving 1,000mph, designed to inspire young people to pursue careers in STEM subjects and being tested at Aerohub, Cornwall Airport Newquay



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