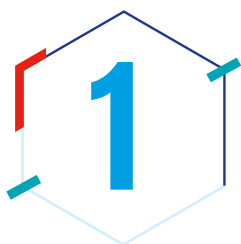


A guide to the aerospace, defence,  
security and space sectors

# **SCOTLAND FACTS & FIGURES**

## **2023**

# ADS SCOTLAND POLICY PRIORITIES



Promote and support the importance of a modern defence and security sector that delivers innovation, high value jobs and enables liberty through enhanced national security.



Address the shortage of workers collaboratively to identify future skills needs, create education schemes informed by industry priorities, and promote diverse and attractive pathways into our sectors.



Position Scotland at the forefront of innovation by identifying future regulatory needs and supporting supply chain investment in new technologies, world-class skills, and the latest manufacturing processes.

**DELIVERING ON THESE AMBITIONS WILL REQUIRE STRATEGIC COLLABORATION BETWEEN ADS'S FOUR SECTORS AND GOVERNMENT, BOTH IN WESTMINSTER AND HOLYROOD**



Boost investment in innovation by simplifying the Scottish innovation landscape to create a coherent end-to-end innovation journey for companies to invest in R&D in Scotland.

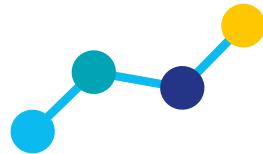


Promote Scotland's global export opportunities for our sectors to create a more cohesive platform across industry and government, on which companies can develop and promote their goods and services abroad.

ADS sectors contribute significantly to secure Scotland's domestic, global, and future advantage. From technology and exports to apprenticeships and investment, the UK's aerospace, defence, security, and space sectors are vital to Scotland's economic prosperity and growth.



**IN 2022 ADS SECTORS' CONTRIBUTION TO THE ECONOMY IN SCOTLAND WAS:**



£ **3.2** BN

VALUE ADDED



**33.5** K

DIRECT EMPLOYEES



**1.5** K

APPRENTICES

£ **7.3** BN

TURNOVER

Aerospace is assumed to be 68% civil and 32% defence



The output per worker of the four sectors that ADS represents, is estimated to be

£95K

which is

47%

more than the whole UK economy productivity value

£370

MOD SPEND PER PERSON LIVING IN SCOTLAND



## BAE SYSTEMS

### Footprint & Community

BAE Systems in Scotland directly employ 2,700 people. The company operates two shipyards at Govan and Scotstoun, as well as operations at Hillend and Bishopton. In support of the site at Bishopton, BAE Systems are developing Dargavel Village, a new community of 4,000 homes with supporting infrastructure. This is due to be complete in 2034.

### Shipyards

The shipyards have a long military history, and are currently involved in building the Type 26 frigate for the Royal Navy. In recent years, the shipyards worked on sections of the UK's two Queen-Elizabeth class aircraft carriers, as well as assembling all of the ships in the Type 45 Class of warship and Offshore Patrol Vessels.

## BABCOCK

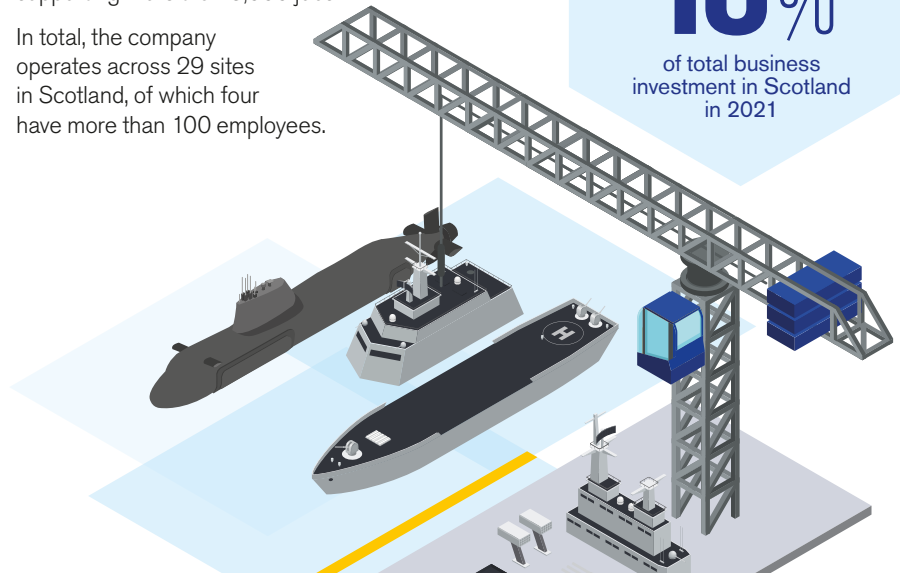
Babcock in Scotland provides critical support to the Royal Navy at its naval dockyards at Rosyth and HMNB Cluge at Helensburgh, also known as Faslane, supporting more than 3,000 jobs.

In total, the company operates across 29 sites in Scotland, of which four have more than 100 employees.

Manufacturing accounted for

18%

of total business investment in Scotland in 2021



## SPIRIT AEROSYSTEMS

Spirit AeroSystems has opened a new composite manufacturing facility that will produce spoiler wing components for Airbus' A320 aircraft using cutting edge automation technology. The plant is said to be creating more than 100 jobs, helping to secure the long-term future of aerospace production in the area. This is in addition to the 1,000 direct employees already in Prestwick.

Spirit Aerospace Innovation Centre (AIC) operates its European campus in Prestwick, with £25m of investment by Spirit and a further £5m from Scottish grant funding. The Spirit AIC is exploring a new approach to wing design and manufacture using composite materials to reduce emissions and cost.



## RAYTHEON

Raytheon UK is part of Raytheon Technologies, which supports some 1,900 jobs across Scotland.

Raytheon has two core sites in Scotland and is opening a further "advanced laser integration centre" in West Lothian to help meet growing demand. It will be the first advanced laser integration center to be established in Scotland.

## LEONARDO

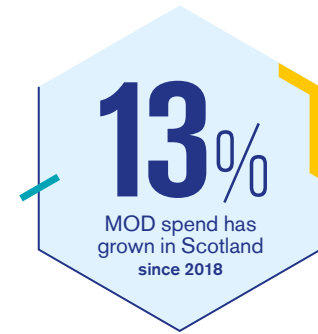
Leonardo in Edinburgh has been building world-leading avionics technology for decades. The site, one of eight in the UK, currently employs over 2,000 people, including over 1,000 engineers and approximately 200 graduates and apprentices.

The Radar and Advanced Targeting business based in Edinburgh is uniquely positioned as one of the world's top manufacturers of radars, lasers and infrared countermeasure systems. Originally built in 1943, the site has a rich heritage of innovation and today produces technology including lasers for the US Army's Apache helicopter, ECRS Mk0 and Mk2 radars for the Eurofighter Typhoon, the Osprey radar for Norway's Search and Rescue helicopter, and the Raven radar for Saab's Gripen fighter.

## THALES

Thales maintains a significant presence in Scotland and now employs 780 people across two main sites in Glasgow and Rosyth. They are a major contributor to the Scottish economy, investing over £120m in 2017 alone and supporting a diverse supply chain. The Thales Glasgow site, formally established as Barr & Stroud Ltd in 1888, is the oldest element of Thales in the UK, with expertise in producing complex electro-optical systems for land, air, and sea.

Thales' very first submarine periscope was fitted to HM Submarine M3 at Rosyth Royal Dockyard and they have been the sole supplier of submarine periscopes and optronic masts to the Royal Navy ever since. The team at Thales in Glasgow have also established an armoured vehicle centre of excellence, building on decades of experience in complex military vehicle integration by highly skilled engineers and manufacturing employees.



## CASTLE PRECISION

Castle Precision is an award-winning SME, and is a leading aerospace and defence machining supplier of Critical Rotative & Complex Prismatic components. Based in Glasgow with approximately 105 employees, Castle Precision supply into major global OEMs.

Castle specialise in hard metal exotic alloy and tightly toleranced requirements. Their core products include machined: Aero Engine Rotatives, Laser & Radar Chassis, Missile & Rocketry Components and Armour & Aerostructures. In 2023, they are projecting turnover of over £25 million.

## THE UNIVERSITY OF STRATHCLYDE

The University of Strathclyde is a leading international technological university, inspired by the founder's vision of a 'place of useful learning'. The aerospace, defence, security, and space sectors are significant for Strathclyde for a range of reasons including research impact, student employment destination and customer community.





Strathclyde collaborates on research, knowledge exchange and education with a large number of organisations across the ADS sectors, including AAC Clyde Space, Airbus, Babcock, BAE Systems, Boeing, Leonardo, Rolls-Royce, Thales, UK MoD and Dstl/DASA.

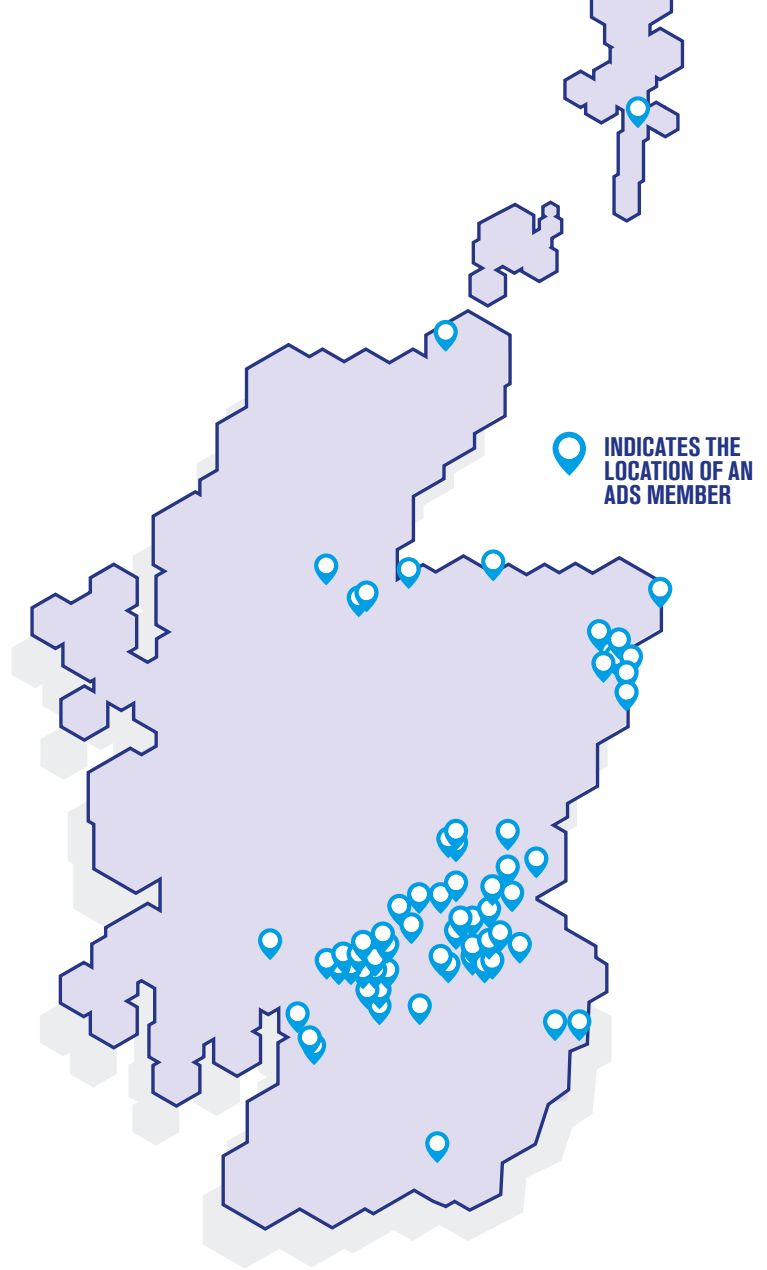


Securing  
UK advantage

# THE STRENGTH OF OUR SECTORS

ADS is the UK trade association advancing leadership in aerospace, defence, security and space, to enable prosperity and clean, secure growth for our nation.

	DIRECT EMPLOYEES BY SECTOR IN SCOTLAND:	BUSINESS TURNOVER BY SECTOR IN SCOTLAND:
AEROSPACE 	4,500	£1.1bn
DEFENCE 	13,250	£2bn
SECURITY 	8,750	£1.4bn
SPACE 	8,500	£3.1bn



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ADS Scotland Facts and Figures 2023 uses data estimates from ADS own sources, data from the Office of National Statistics and

Government publications including data from the Scottish Government annual data sets.

[adsgroup.org.uk/scotlandfacts2023](https://adsgroup.org.uk/scotlandfacts2023)

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