

## EXPORTS SUPPORTING UK PROSPERITY

### LEONARDO

Leonardo is amongst the top ten global players in Aerospace, Defence and Security. Leonardo operates globally, leveraging on its breadth of technology and capability and product leadership.

With over 45,000 employees worldwide, the company has a strong industrial presence in four markets: Italy (where the company is headquartered), the UK, US and Poland, and a network of strategic partnerships across the world.

### LEONARDO IN THE UK

Leonardo makes a significant contribution to the UK economy with revenues of over £2bn, around 50% of which are in export. The company operates from 6 main sites across the UK employing around 7,000 highly skilled people.

Leonardo's position in the UK as a world-class advanced engineering company is built on its sustained investment in research and technology, world-class facilities and the expertise of its engineers. Leonardo invests significantly in R&D in the UK and continues to help to sustain the competitive edge of our UK supply network of around 2,300 companies.



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## EXPORTS SUPPORTING UK PROSPERITY

Leonardo generates exports worth over £1 billion to the UK economy every year. Growing exports from the UK is one of the pillars of Leonardo's strategy for the future. Our support to the UK Armed Forces as they use our systems and platforms on operations is a significant reference case for our many export customers.

Our long-term investment in emerging technologies and skills, with the subsequent development of intellectual property, underpins our success in export markets. This brings revenue back into the UK which supports prosperity, enabling us to invest in high-value jobs, helping to keep the UK at the forefront of innovation.

The UK Government's support for defence exports is essential to the success of Leonardo's business in the UK, demonstrating the importance of business and government working together for the benefit of the UK economy. Leonardo's significant export achievement ensures continued investment in UK research for the next generation of advanced capabilities.

## BATTLESPACE AND FORCE PROTECTION

In an increasingly complex and challenging battlespace, Leonardo is at the forefront of a transformation that is allowing armed forces to act quickly and decisively in response to both conventional and emergent threats.

Leonardo's GUARDIAN Electronic Countermeasures System, exported to NATO and 5 Eyes countries, provides 'electronic armour' to land security forces against Radio Frequency (RF) initiated Remotely Controlled IEDs. The Communications Denial Sub-System (CODESS) delivers powerful and sophisticated jamming capability, through a state-of-the-art electronic attack system.



## HELICOPTERS

Leonardo's Yeovil site is the only UK on-shore end-to-end capability provider for rotary wing, exporting a number of aircraft worldwide. The Republic of Korea selected the helicopter known as the AW159 Wildcat in UK service, to meet its Maritime Operational Helicopter requirement, which is the first export order for this new generation aircraft.

The Lynx, the Wildcat's predecessor, in service for years with the British Army and Royal Navy, has been enormously successful worldwide. Leonardo has exported more than 400, and this large fleet will require upgrades and support for years to come, bringing value back to the UK. This aircraft, upgraded, has future opportunities in South East Asia, Europe and the Middle East.



Norway is an end user with demanding operational requirements and is widely respected for the coherence of its acquisition processes. The fact that Leonardo's AW101 helicopter and its Osprey surveillance radar system have both been

successful there is a testament to the quality of the UK offer. There is further export potential for the AW101 in the Middle East and South East Asia.

Leonardo is working in partnership with the UK Government to develop future Rotary Wing Unmanned Air Systems, recently signing the second phase of the (RWUAS) Capability Concept Demonstrator with the Ministry of Defence.

## TYPHOON

Leonardo is one of the major players in the Eurofighter Typhoon programme, providing over 60% of the aircraft's avionics. In the UK, Leonardo leads the consortia which supplies the Typhoon's radar and Defensive Aids Suite (DAS).

With the Typhoon delivered outside the UK to founding partner nations Italy, Germany and Spain, as well as having been exported to Oman, Saudi Arabia and most recently Kuwait, international sales of Typhoon represent a significant part of Leonardo's exports from the UK.

## SURVEILLANCE RADAR

Leonardo has a proven track record in exporting advanced radars from its design and manufacturing base in Edinburgh, which led to us winning two Queen's awards for international trade. Our Seaspray surveillance radar, which is on the AW159 Wildcat helicopter, has been exported worldwide, including to the United States, while the French Army recently awarded Leonardo a contract to provide our miniaturised PicoSAR radar in their new Patroller UAV.

Through further investment in research and development, Leonardo is the only company able to offer second generation AESA surveillance radars, which recently contributed to the US Navy selecting our Osprey radar for the US Navy's Fire Scout unmanned helicopters.



## LASERS

Leonardo's laser business in Edinburgh encompasses around 75% of the global market for high-energy military lasers, supplying the lasers for major international programmes such as the F-35 and Apache. Last year we announced total sales of over 250 units of our latest laser product, the Type 163 Laser Target Designator, following a surge in orders from the US and Europe for the product over the space of two years.

Ten export customers have now procured the high-energy, man-portable laser systems. This leadership position in laser technology is also feeding back into future UK capabilities, with Leonardo a key part of the MBDA-led UK Dragonfire consortium for the UK's directed-energy laser demonstrator programme.



## ELECTRONIC WARFARE

Leonardo has delivered systems for aircraft that make use of radio frequency (RF) energy for protection and intelligence gathering for more than 100 years. Today from our Luton site, we export our electronic warfare products and expertise internationally; most recently to Indonesia whose Air Force selected the Leonardo SAGE electronic intelligence system.

Our protection systems also equip the Apache helicopters operated by a number of nations including Greece and Kuwait, in fact every Apache helicopter produced by Boeing has Leonardo's Aircraft Gateway Processor electronic warfare product at the heart of the aircraft. Increasing demand from export markets for leading technologies such as these, and the trust the users place in them, will continue to drive investment in new and innovative solutions.



## CYBER AND PHYSICAL SECURITY

A UK leader in Cyber protection and response, Leonardo continues to expand its role as NATO Cyber Defence mission partner and its position in cyber and intelligence with the UK MoD.

The company is also now delivering a programme of protection for oil and gas fields in South East Asia, utilizing and combining its UK designed, developed and manufactured dual use technology, including the Horizon infrared camera with leading edge commercial off-the-shelf technology.

