



**aerospace  
defence  
security  
space**

**ADS**



**The Premier Trade Organisation advancing UK Aerospace, Defence, Security and Space Industries, globally.**

**ADS' ROLE IN THE AEROSPACE,  
DEFENCE AND SECURITY SECTORS  
TUESDAY 3 NOVEMBER 2015, GLASGOW**



**SAMEER SAVANI, TECHNOLOGY ADVISOR**

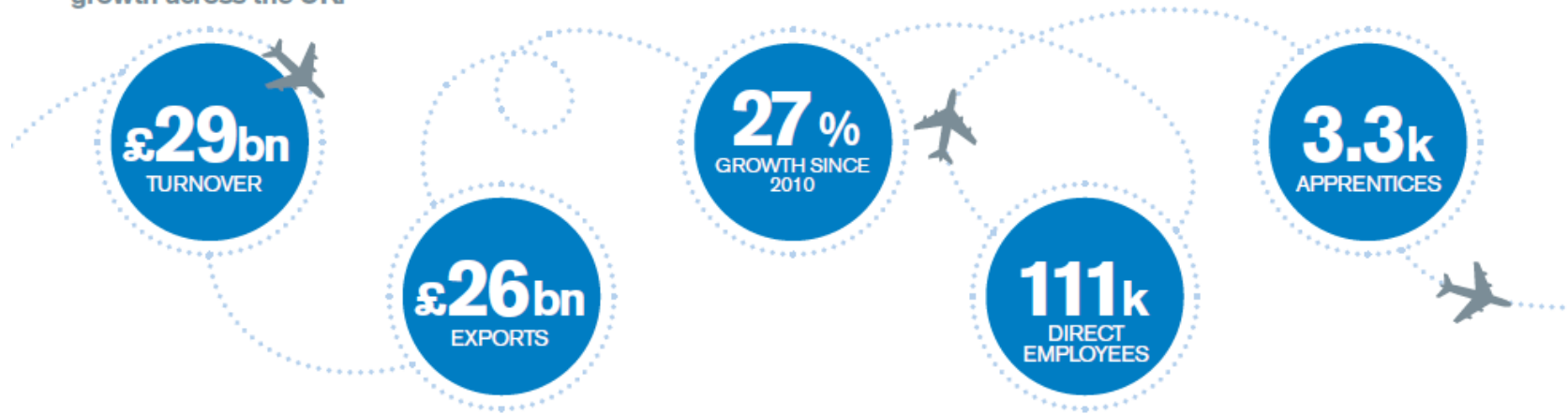
As the national trade association for the UK's Aerospace, Defence, Security and Space sectors, ADS promotes and supports their interests at home and abroad

# Enduring ADS priorities

- To improve the image and profile of our industries
- To influence the policy debates of most importance to our industries
- To support UK manufacturing and our industries' supply chains
- To encourage investment in technology and innovation
- To support business development opportunities nationally and in priority international markets
- To increase Member value

# UK AEROSPACE SECTOR

With 17% global market share, the UK Aerospace sector generates well-paid jobs, high-tech exports and sustainable growth across the UK.



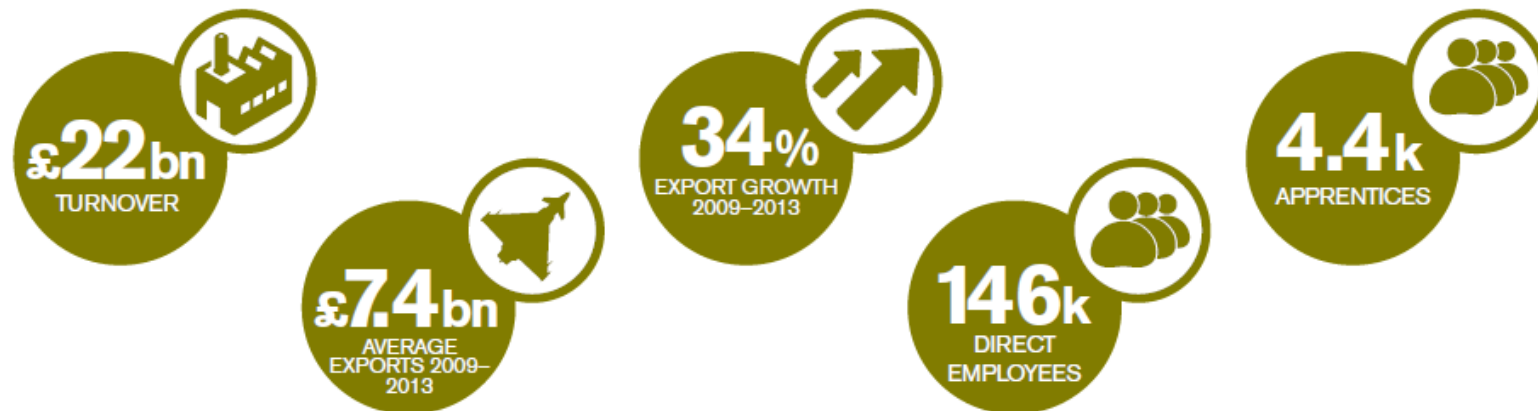
## AEROSPACE GROWTH PARTNERSHIP (AGP)

The AGP is the UK's Aerospace Industrial Strategy, with industry and government working in partnership to attract global investment to the UK.

Purpose	Delivered	Impact	What next
<ul style="list-style-type: none"> <li>Grow UK's 17% global market share</li> <li>Attract long-term global investment to the UK</li> <li>Improve competitiveness through technology, skills and supply chains</li> </ul>	<ul style="list-style-type: none"> <li>£2bn Aerospace Technology Institute (ATI)</li> <li>Support 500 Aerospace MScs</li> <li>£23m to help SMEs commercialise 100 innovations</li> <li>£250m invested in supply chain competitiveness</li> </ul>	<ul style="list-style-type: none"> <li>Changed global perceptions of UK as a place to invest</li> <li>Invested £500m in R&amp;D through the ATI</li> <li>Completed 300 out of 500 Aerospace MScs</li> <li>Supported over 150 SMEs to commercialise new innovations</li> </ul>	<ul style="list-style-type: none"> <li>Ensure support for technology and skills is extended beyond 2020</li> <li>Broaden investment in competitiveness and capacity of UK supply chain</li> </ul>





# UK DEFENCE SECTOR

The UK's Defence sector is the largest exporter of defence equipment and services in Europe and second globally to the United States.



## DEFENCE GROWTH PARTNERSHIP (DGP)

With industry and government working in partnership, the DGP is the UK's strategy to win more exports in competitive global markets.

Purpose 	Delivered 	Impact 	What next 
<ul style="list-style-type: none"> <li>Grow the UK's global market share through exports</li> <li>Proactively identify short- and long-term export opportunities</li> <li>Ensure the UK has the technology, skills and supply chains to win export orders</li> </ul>	<ul style="list-style-type: none"> <li>Invested in UKTI DSO to improve understanding of customer needs</li> <li>Established UK Defence Solutions Centre (DSC) to guide future investment</li> <li>Launched £10m Innovation Challenge to support SMEs</li> </ul>	<ul style="list-style-type: none"> <li>Longer-term assessment of defence export opportunities</li> <li>UK Centre for Maritime Intelligent Systems funding SME research in unmanned boats, underwater vehicles and aircraft</li> </ul>	<ul style="list-style-type: none"> <li>Launch first 100 Systems Engineering Masters Apprenticeship Programme (SEMAPP)</li> <li>Identify growth opportunities in Land Mission Systems, Unmanned Air Systems and Airborne Mission Systems</li> </ul>

# UK SECURITY SECTOR

The UK's Security sector provides solutions to some of the greatest challenges we face today, from detecting and containing the spread of Ebola to tackling the threat of cyber-terrorism.



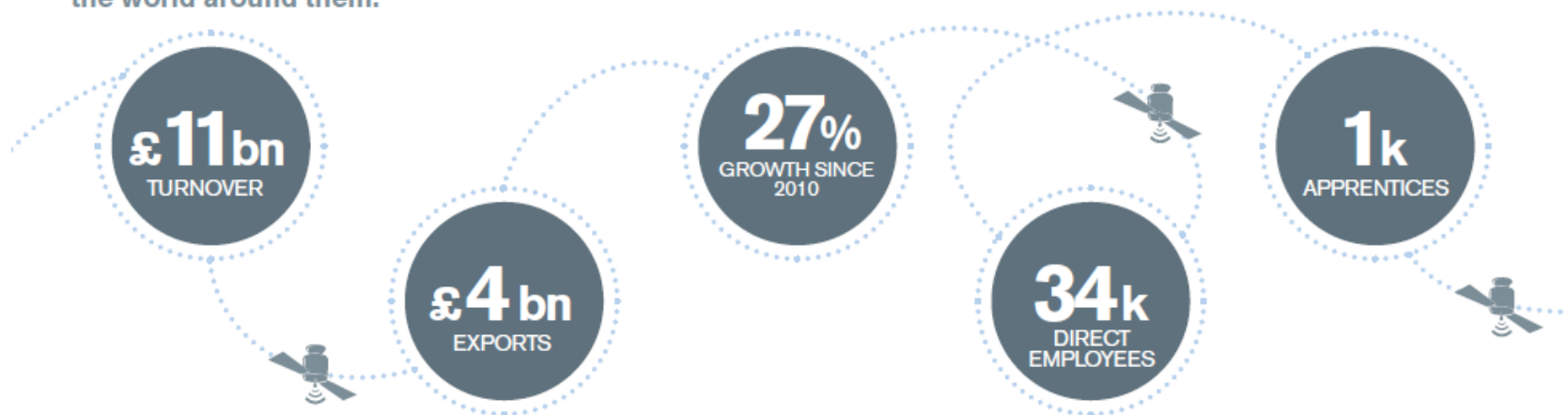
## SECURITY & RESILIENCE GROWTH PARTNERSHIP (SRGP)

The SRGP brings industry, academia and government together to demonstrate the UK's security expertise and capabilities, especially our ability to innovate and respond to new and emerging threats.

Purpose 	Delivered 	Impact 	What next 
<ul style="list-style-type: none"> <li>Showcase UK innovation and establish UK credibility for capacity building overseas</li> <li>Encourage companies to consider export potential when investing in R&amp;D</li> <li>Prepare the security supply chain to capture and exploit the export opportunities</li> </ul>	<ul style="list-style-type: none"> <li>A £100m Security Innovation and Demonstration Centre (SIDC) to rapidly develop and demonstrate security and policing technologies</li> <li>Security Export Strategy to increase the UK's share of global security exports</li> </ul>	<ul style="list-style-type: none"> <li>Pilot demonstration project on Body Worn Video</li> <li>Supporting SMEs developing rapid drug and alcohol detection technology</li> </ul>	<ul style="list-style-type: none"> <li>SIDC project on understanding how digital environment affects organised crime</li> <li>SIDC project on identifying innovative border security detection and techniques</li> </ul>





# UK SPACE SECTOR

The UK Space sector is at the cutting edge of exploring the universe and connecting people to the world around them.



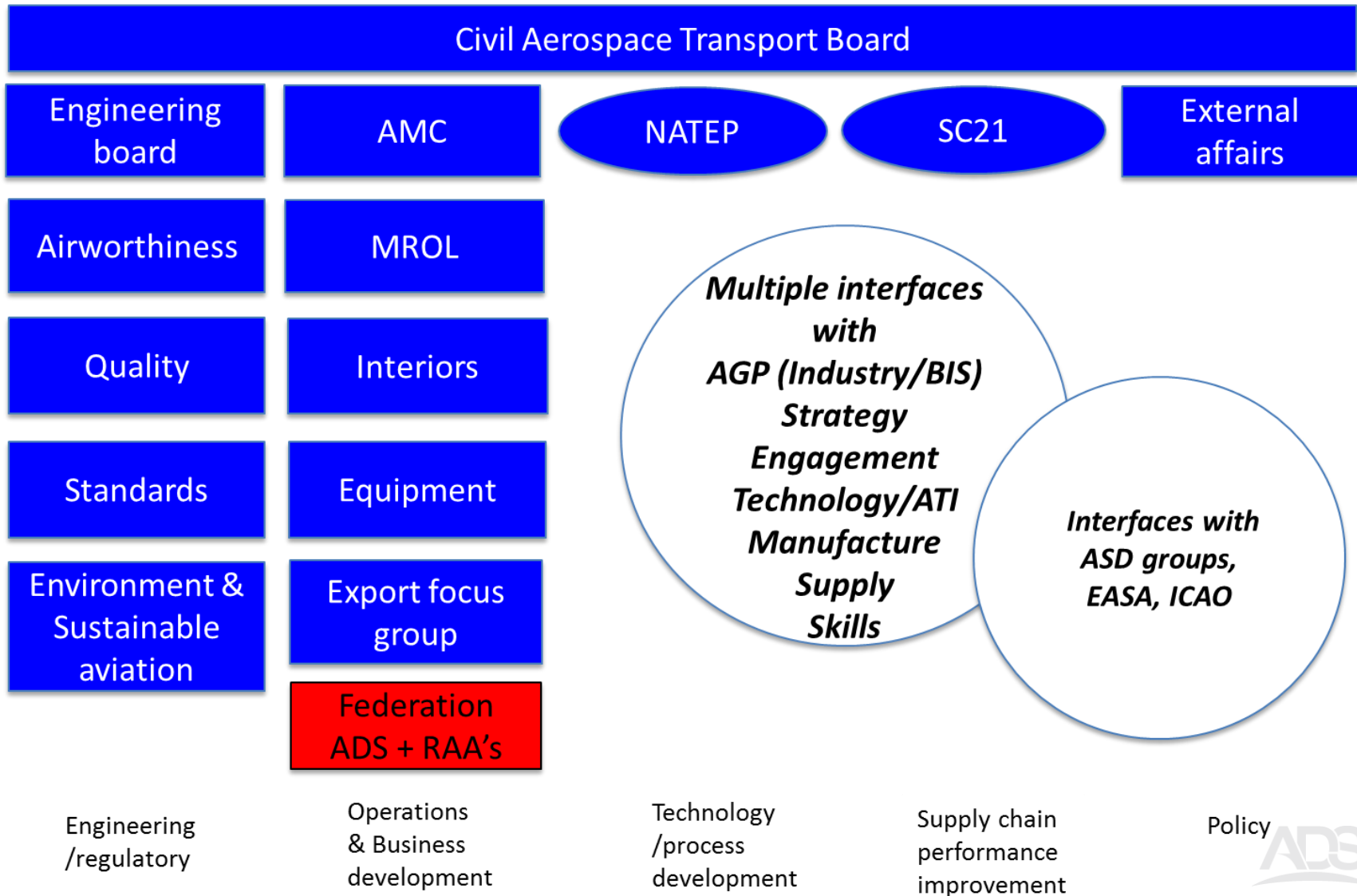
## SPACE INNOVATION & GROWTH STRATEGY

The Space Innovation and Growth Strategy brings industry, academia and government together with an action plan to drive growth in the UK Space sector.

Purpose 	Delivered 	Impact 	What next 
<ul style="list-style-type: none"> <li>Transition the industry to a high-tech, mainstream, industrial and science sector</li> <li>Grow the UK's share of the global Space economy to 10% by 2030</li> </ul>	<ul style="list-style-type: none"> <li>Improved governance including creation of Space Leadership Council and UK Space Agency</li> <li>Commencement of Higher Apprenticeships in Space Engineering in 2014</li> <li>£140m of government funded capital project support</li> </ul>	<ul style="list-style-type: none"> <li>£20m from private finance to support SME growth</li> <li>Added over £3bn of value to the UK economy</li> </ul>	<ul style="list-style-type: none"> <li>Grow the UK Space sector to £40bn annual turnover including £25bn of exports</li> <li>Triple the proportion of Space-based products and services exported by the UK</li> <li>Create 100,000 new jobs in the Space sector by 2030</li> </ul>



# An example of ADS' structure...



# Hot topics

- Europe
- Industrial Strategies
- Productivity
- New Business
- Farnborough 2016



# Things you should be getting involved with in 2016

- Innovation Zone and Futures Day
- Technology funding (ATI, DSC...)
- Security and Policing
- Drones activity
- Skills Agenda
- EU Debate
- Join ADS!



QUESTIONS

