

AUTUMN NEWSLETTER

2017

FEATURING:

-  New Members
-  New Aerospace Programmes
-  Event and Exhibition overview
-  Paris Airshow Spotlight
-  Cyber Security

WELCOME

Dear Members,

Welcome to the latest edition of the Aerospace Wales newsletter. I hope you have all enjoyed a successful summer and managed to find time to take a break.

It has been a while since our last newsletter. We are currently in the process of updating our website and communication tools and changing suppliers has affected our processes, but things are starting to get back on track now and our new website will be launched shortly.

The new website will be a showcase for our members and highlight the wealth of aerospace, defence and space capabilities in Wales.

In this autumn edition we have information on the newly launched NATEP 2 and ASTUTE 2020 programmes on pages 6 to 9

Cyber Security continues to be a very real threat, and the National Cyber Security Centre has produced a useful 10 step guide to help keep your organisation safe, pages 10 and 11.

In this issue we have a spotlight on 2 of our new members - Lichfields and National Physics Laboratory and the offerings they have to the aerospace sector, pages 12 to 15

Aerospace Wales has continued to be busy over the summer, promoting our members at both UK and overseas events. An overview of all our events can be found on pages 16 to 19 and exhibitions on pages 20 to 21 with a feature spotlight on Paris Air show on pages 22 to 27

Membership

Thank you for your continued membership and support for the Forum's activities. We now have over 160 member organisations and are continually striving to provide the best service to our members by promoting your company's capabilities, giving you access to events, networking opportunities and industry expertise.

We would welcome any influence from you with your supply chain and customers to encourage them to become a Forum member so that we can fully represent all the Aerospace activity in Wales. All organisations involved in the Aerospace sector that have a presence in Wales are eligible to become a full member. Organisations that are outside of Wales but would like to become involved can join the Forum as an Associate Member.

The membership year runs from 1st April to 31st March, pro rata rates will be calculated for joining mid-year. The membership rates are as follows:

Annual Membership Fees

No. of Employees	Annual Fee
1 – 100 Employees	£300
101 – 500 employees	£600
500+ employees	£1200

Annual Associate Members Fees

Organisations whose place of business is outside of Wales

No. of Employees	Annual Fee
1-250 Employees	£600
250+ Employees	£1500

To Join: Complete and return a **Membership Application Form** to us
<http://aerospacewalesforum.com/become-a-member-of-the-aerospace-wales-forum>

Membership continues to grow and we are most pleased to welcome the following companies into full membership of the Forum:

Lichfields
Willis Asset Management
Innovation Partnership
National Physical Laboratory
University of Sheffield (AMRC)
National Composites Centre
Bowers Group
Centric Recruitment
Snowdonia Aerospace Partnership
Zero Dependency
Qioptic
Aerocare

Finally, there have been some great news stories over the summer and Aerospace Wales would like to offer our congratulations on pages 28 to 31

If you would like to see your company, product or services featured in the next edition, please do get in touch with
rachael@aerospacewales.aero



*Rachael Blackburn
Operations Director
Aerospace Wales
Forum Ltd*

2017 CALENDAR



SEPTEMBER 28th



NPL Strategy Launch

OCTOBER 3rd-5th



MRO Europe, EXCEL London

OCTOBER 6th



NWAA annual ball

OCTOBER 11th

Higher Degree Apprenticeship –
Engineers for Industry Breakfast meeting
Gower College, Swansea

OCTOBER 12th



WEAF Spotlight on Rolls Royce, Filton

OCTOBER 24-26th



Space Tech Expo, Bremen

OCTOBER 26th

DiT Export Control Symposium, Coventry

NOVEMBER 1st-2nd



Aero Engineering, Birmingham

NOVEMBER 8th



Higher Degree Apprenticeship – Engineers for
Industry Breakfast, Gower College, Swansea

NOVEMBER 15th



The Rail Industry Association's Unlocking
Innovation, Cardiff

NOVEMBER 29th



WEAF Annual Gala Dinner, Bristol Marriott City

DECEMBER 15th



Publish Aeronews Winter Edition

*If you'd like any further details on these events, then
please contact rachael@aerospacewales.aero*

PROGRAMMES



Business Secretary Greg Clark at the British Embassy

£8m new funding awarded to Aerospace Innovation Programme.



An industrial strategy initiative supporting the development of ground-breaking new aerospace technologies has been awarded £8m funding for its second round of projects.

The grant to the National Aerospace Technology Exploitation Programme (NATEP) from the Aerospace Technology Institute (ATI) will allow it to build on the first 114 projects, involving 268 companies supported since its launch in 2013. It will be matched by more than £6.4m in industry funding,

taking the total value of the second round to nearly £14.5m.

NATEP provides funding and mentoring support to companies in the supply chain of the aerospace sector collaborating with partners on innovation projects. It is supported by signatories of Aerospace Growth Partnership's Supply Chain Charter, including Airbus, Rolls-Royce, Bombardier, GKN and Leonardo.

With the new £8m ATI funding, NATEP will support a further 40 collaborative technology projects involving around 100 companies, creating or sustaining up to 500 jobs in the sector.

The ATI-funded NATEP programme is delivered by ADS across the UK with the support of the Regional Aerospace Alliances and the devolved administrations of Scotland, Wales and Northern Ireland.

Aerospace Wales was there for the launch of NATEP at the British Ambassador's residence during Paris Air Show where Business Secretary Greg Clark said:

"The UK has a world leading aerospace sector, with a turnover of £32 billion a year and supporting over 120,000 direct high-skilled jobs across the UK. The Government's Industrial Strategy is designed to build on the UK's existing strengths as an agile, modern economy."

This new funding for projects across the UK is good news for the whole of the aero supply chain, and a great example of how government and industry can work together. With public and private co-funding of nearly £4 billion for investment in research and development expected by 2026, the aerospace industry continues to flourish."

ADS Chief Executive Paul Everitt said:

"The funding announced today will help to give companies in the UK's globally competitive aerospace sector the support they need to maximise their innovative potential."

The NATEP programme is a great example of successful partnership between government and industry. In just four years the programme has already worked with hundreds of companies in the UK supply chain, raising the capabilities of SMEs across the country and supporting major advances in productivity throughout the aerospace sector."

"Aerospace is a national economic success story and programmes like this will help keep UK companies in this industry right at the cutting edge of technological development."

If you would like more details on NATEP please get in touch enquiries@aerospacewales.aero

PROGRAMMES



ASTUTE 2020 – Working with the Welsh Manufacturing Industry

Demand-led by industry, ASTUTE 2020 is working together with the Welsh manufacturing industry to embed advanced and sustainable technologies. Our true industry academia collaborations provide companies with unique access to:

- ▲ **World-class academic experts across a University partnership**
- ▲ **Highly qualified researchers and technical experts,**
- ▲ **State-of-the-art research facilities and experimental equipment**
- ▲ **Intelligent systems, advanced techniques and bespoke software**

thereby encouraging stimulation of ideas and facilitating the adoption of change through research, development and innovation.



ASTUTE 2020 can support manufacturing companies across a variety of sectors, such as aerospace, automotive, energy generation, oil and gas, medical devices, electronics, foods, etc., stimulating growth by applying advanced engineering technologies to manufacturing

challenges driving cutting-edge research and innovation. ASTUTE 2020 collaborations inspire manufacturing companies to improve and streamline their manufacturing processes, manufactured products and supply chain, generating sustainable, higher value goods and services and bringing them to a global market.

“Great team work and technical expertise through ASTUTE 2020, with every job delivered with unfailing commitment and passion.”

Alessandra Molteni, CFD Project Leader, Calon Cardio-Technology Ltd.

The ASTUTE 2020 operation has been part-funded by the European Regional Development Fund through the Welsh Government and the participating Higher Education Institutions.

Further details: www.astutewales.com info@astutewales.com +44 (0)1792 606378

CYBER SECURITY

Defining and communicating your Board's Information Risk Regime is central to your organisation's overall cyber security strategy. The National Cyber Security Centre recommends you review this regime – together with the nine associated security areas described below, in order to protect your business against the majority of cyber attacks.



Network Security

Protect your networks from attack. Defend the network perimeter, filter out unauthorised access and malicious content. Monitor and test security controls.



User education and awareness

Produce user security policies covering acceptable and secure use of your systems. Include in staff training. Maintain awareness of cyber risks.



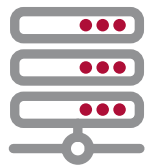
Malware prevention

Produce relevant policies and establish anti-malware defences across your organisation.



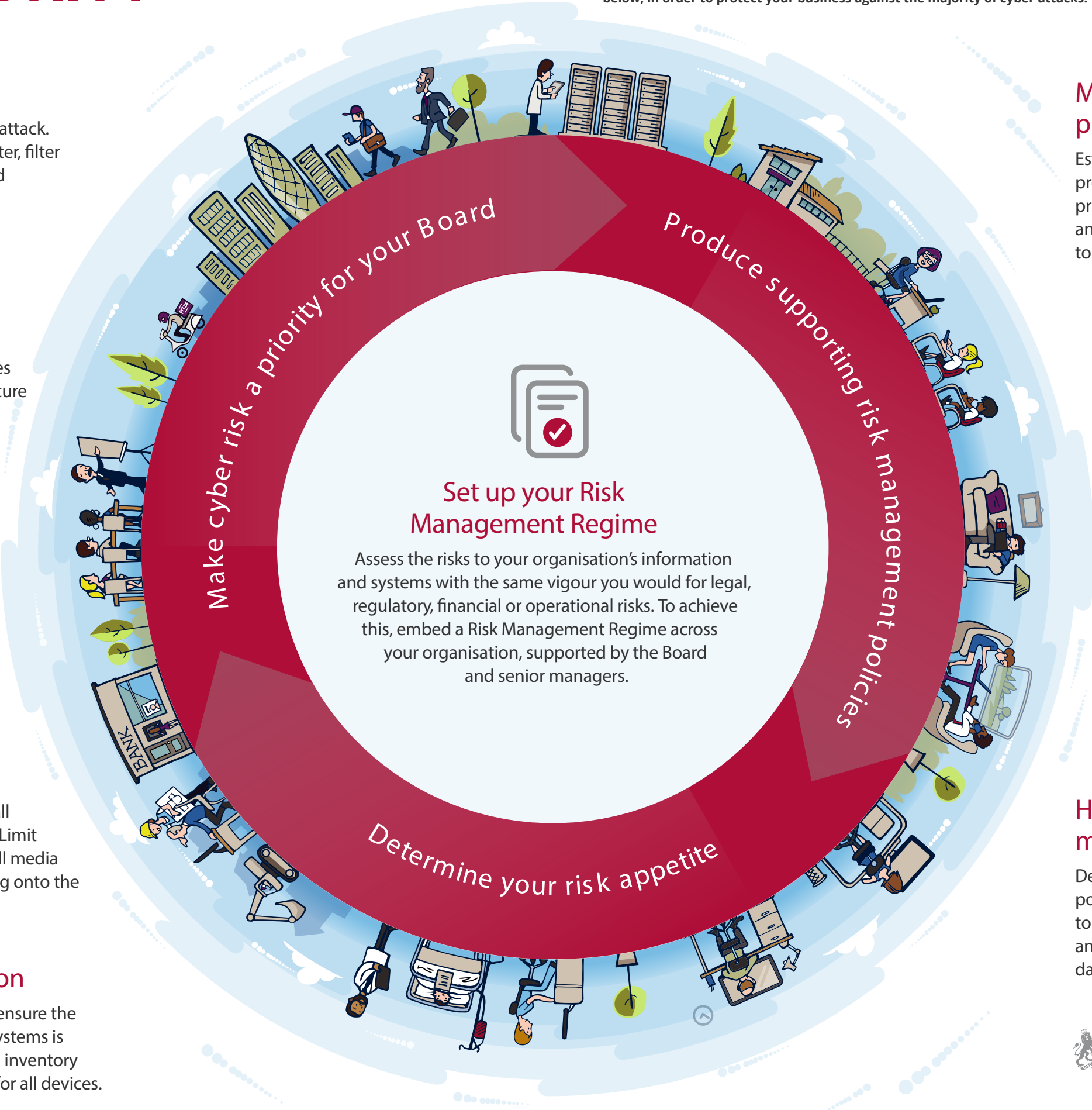
Removable media controls

Produce a policy to control all access to removable media. Limit media types and use. Scan all media for malware before importing onto the corporate system.



Secure configuration

Apply security patches and ensure the secure configuration of all systems is maintained. Create a system inventory and define a baseline build for all devices.



Managing user privileges

Establish effective management processes and limit the number of privileged accounts. Limit user privileges and monitor user activity. Control access to activity and audit logs.



Incident management

Establish an incident response and disaster recovery capability. Test your incident management plans. Provide specialist training. Report criminal incidents to law enforcement.



Monitoring

Establish a monitoring strategy and produce supporting policies. Continuously monitor all systems and networks. Analyse logs for unusual activity that could indicate an attack.



Home and mobile working

Develop a mobile working policy and train staff to adhere to it. Apply the secure baseline and build to all devices. Protect data both in transit and at rest.

NEW MEMBERS

INTEGRATING AVIATION, PLANNING & ECONOMICS

Lichfields is pleased to become members of Aerospace Wales Forum and looks forward to meeting its members!

Lenscap / Alamy Stock Photo

LICHFIELDS

Combining our planning, economics and specialist aviation skills, we help our aviation clients to develop and promote strategies for growth and deliver their operational requirements.

Our strategic skills connect aviation to local economic needs and wider opportunities, including development for business, hotels, and related infrastructure.

We assist our clients in specialist dimensions of airport development such as permitted development rights, safeguarding, airport master planning and noise action plans. We understand the interrelationship between aviation planning and economics – providing insight to the specific regulatory (town planning and CAA), operational, aviation heritage, environmental (EIA) and economic issues facing airports and operators.

This combination of skills is why we are chosen by airports, airlines, airport-based businesses and local authorities across the UK.

Our unique approach has allowed us to work on a number of the UK's highest profile airport developments, establishing a successful track record in all aspects of airport and airport-related planning projects. For over four decades we've provided advice on for over 25 airports across the UK, starting

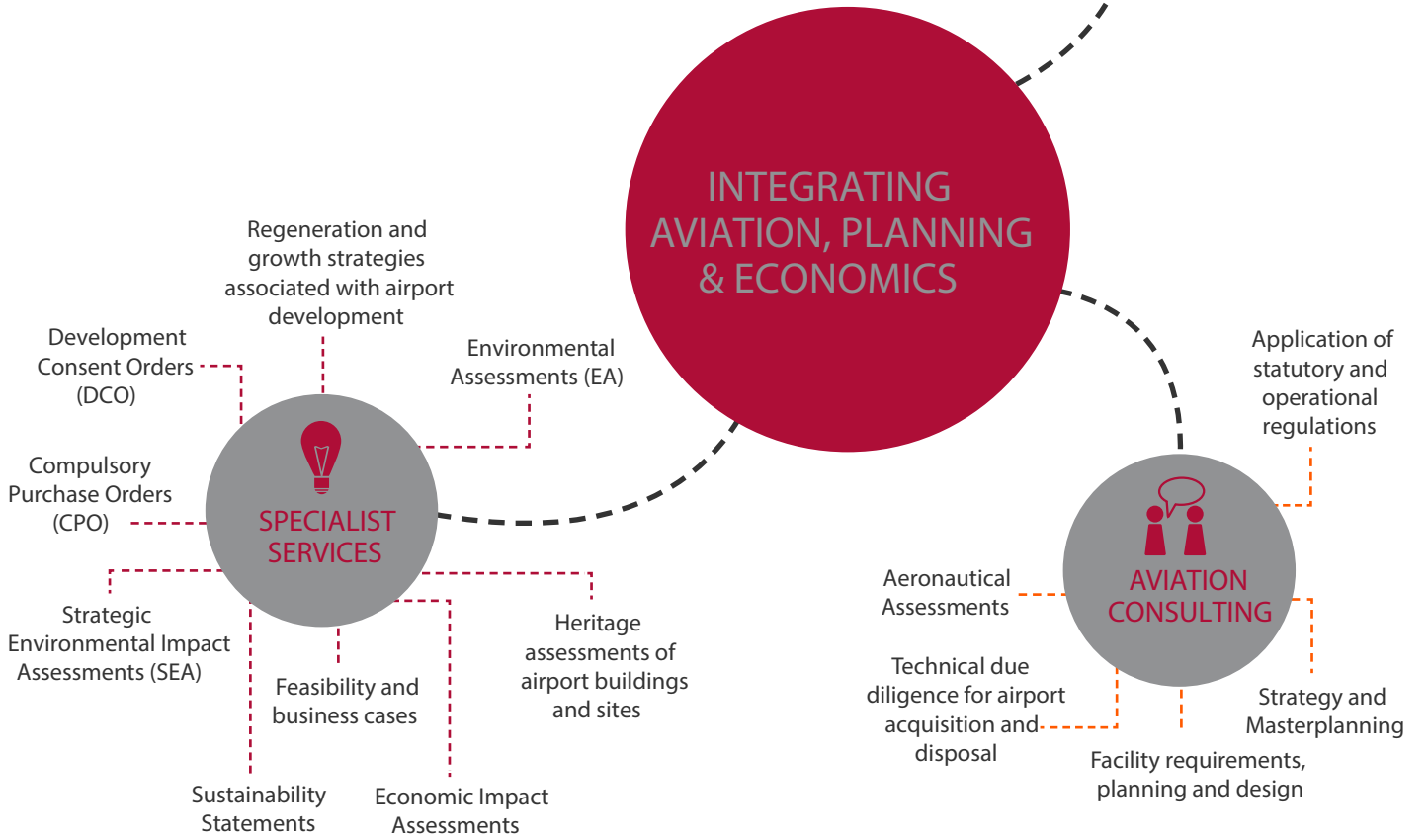
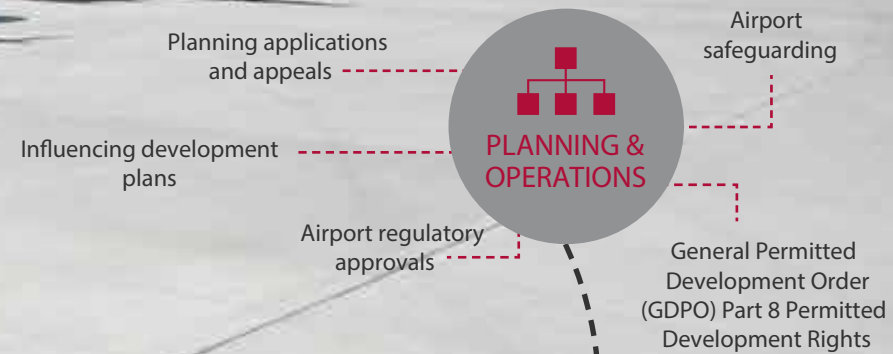
in 1968 when Professor Lichfield presented evidence to the Roskill Commission of Inquiry into a third London Airport.

Lichfields' Cardiff office was one of the first planning consultancies to operate within Wales and has grown to be one of the largest, with an unrivalled amalgam of skills and resources across different sectors and services. We combine local contacts and the know-how to deal with every kind of project, large or small. Some recent projects within South Wales include the new BBC Wales Headquarters and Transport Interchange in Cardiff City Centre and Plasdwr, a major urban extension to the west of Cardiff, which will deliver 7,000 dwellings with associated social, economic and environmental infrastructure.

We provide innovative, industry-leading thinking on planning and development as well as planning tools which allow us to work on the UK's most significant and complex development projects.

Our unique tools help our clients tackle specific planning and development challenges and include Flightpath: Delivering Growth at Airports and Aeronautical Assessments: Safeguarding Airport Operations.

If you have any questions please do not hesitate to contact Lichfields, Belmont House, Churchill Way, Cardiff CF10 2HE Tel: 02920 435880 or Email: james.gibson@lichfields.uk



NEW MEMBERS



Meeting the challenge for greater precision and compliance.



In the ever increasingly competitive world of manufacturing, the demands for greater precision becomes critical, and with increased supplier regulation to ensure compliant supply chains, places ever increasing challenges to your business. Many people are talking about Industry 4.0, and Nadcap for example, but what is the significance to your business, and what steps are required to get there?

Coupled with the inevitable progression to increased data capture, and sharing of this real-time data across the supply chain, is going to require a precise and reliable data stream; all of this with a demand to become more and more cost competitive presents a real challenge. However, the implementation of new sensor technology into manufacturing processes won't cure a process that needs attention, and the need to ensure that the fundamental accuracy of the process is even more critical, as the industry will demand greater precision and achievement of "right first time" with greater visibility of actual performance.

NPL is the UK's national measurement institute, and in addition to maintaining the ultimate reference standards of measurement for industry and science, is also playing a key role in helping shape the strategies and infrastructure supporting the development of these new technologies and accreditations, so is in the best place to help advise and support manufacturing businesses navigate the journey to measurement excellence.

To find out more, please contact Steve Reynolds on **07738 894763** or email **steve.reynolds@npl.co.uk** or visit **www.npl.co.uk/pvp**

So we invite you to think differently about your manufacturing processes:

- ▲ Are you confident your manufacturing and inspection processes are at maximum efficiency?
- ▲ Is EVERY component you produce right first time?
- ▲ Do you have the best measurement processes in place to outperform your competitors?
- ▲ Are you ready for the challenge of the connected supply chain?
- ▲ Are you ready to become Nadcap accredited?

NPL's Product Verification Programme is brought to you by pre-eminent specialists in the area of high precision measurement in advanced manufacturing. Our technical experts work with you to create a programme which exactly suits your business needs. By employing more accurate measurement and inspection practices, Product Verification can help you identify the pain points in your production and close the gaps in manufacturing efficiency. In 2 years, the NPL Product Verification Programme has generated potential savings of around £10mio in over 70 companies across the UK, leading to multi-million worth of new contracts.



EVENTS



STG Open Day

Nigel Duncan CEO, STG Aerospace; John Whalley CEO, Aerospace Wales Forum and Alison Thom, Welsh Government celebrating the open day at STG Innovation and Engineering Centre in Cwmbran.

STG Aerospace, a research-driven pioneer in aircraft cabin lighting, held an Open Day on 7th March at its Innovation & Engineering Centre on the Llantarnam Industrial Park, Cwmbran.

STG Aerospace expands its Innovation & Engineering Centre at Cwmbran. Chances are that you will have seen STG's products as they are on 11000 aircraft, about a third of the world's fleet. STG is a member of the Forum and specialises in photoluminescent lighting strips and signs and LED mood lighting. Having established their new centre at Cwmbran we are delighted to see further expansion and welcome to Wales their new COO Grant Bennett.



Nigel Duncan CEO, STG Aerospace; John Whalley CEO, Aerospace Wales and Alison Thom, Welsh Government



AGP Conference



The Aerospace Growth Partnership (AGP) 'Securing the future of aerospace across the UK' conference, for Local Enterprise Partnerships (LEPs) and Devolved Administrations (DAs), took place in May 2017. The event gave an overview of the UK's aerospace priorities at a national, regional and local level, providing a platform for discussions to take place on how the AGP, LEPs and DAs can work together to secure the future of UK aerospace.

The success of the UK aerospace industry is important for the UK. Not only are we the second largest aerospace industry in the world, but our industry contributes £31 billion to the UK economy, employing over 280,000 people directly and indirectly. The AGP wants to build on this by creating the conditions that encourage investment in innovation, skills and supply chain, that in turn deliver high-value jobs and sustainable growth to all parts of the UK.

Both Aerospace Wales CEO John Whalley and Dickie Davis, Deputy Director Welsh Government gave keynote speeches during the conference. Wales is aiming to be the host for the next AGP Conference



Dickie Davis, Deputy Director, Welsh



John Whalley, Aerospace Wales CEO



Gavin Jones, Airbus

North Wales Members Meeting



A productive members meeting was held in North Wales, kindly hosted by Coleg Cambria in their University Centre.

At previous member's meeting the passion in the rooms regarding attracting the next generation into the Aerospace industry was palpable. We were then fortunate enough to meet Gavin Jones, Head of Early Careers Programmes, Airbus and hear about their plans for a STEM Zone at Coleg Cambria. Gavin gave us a fantastic overview of the proposal and gave members the opportunity to be part of this initiative.

Aerospace Wales and Welsh Government also held a workshop session detailing our activities and how we are representing our members at both a UK and global level. Members also had a tour of the state-of-the-art facilities available at Coleg Cambria

EVENTS



RIAT: The Royal International Air Tattoo.

Aerospace Wales were thrilled to be invited as guests of Raytheon at his year's Royal International Air Tattoo

Despite the inclement weather some great flying displays took place, most notably the US Thunderbirds and the Red Arrows

It was a great opportunity to do some serious networking with the key figures in Raytheon, their other invited guests and stakeholders and also to spend time with Airbus, who were demonstrating the capabilities of the A400M



QIOPTIQ Supply Chain Day



Aerospace Wales and Welsh Government worked with Qioptiq in St Asaph and held a Supply Chain Day which gave Wales based businesses an opportunity to become part of the Qioptiq Supply Chain.

Earlier this year Qioptiq were awarded an £82m contract by the Ministry of Defence to supply the UK armed forces with surveillance and targeting equipment.

The contract is for battle-winning handheld equipment, including night-vision goggles and day & night weapon sights to be maintained over the next six years, ensuring they are available to personnel around the world.



*Peter White,
Managing Director at Qioptiq
gave a company overview*

The new Surveillance Target and Acquisition Support (STAS) contract will create eight new jobs at the company, which currently employs around 560 at its St Asaph and Bodelwyddan sites in North Wales.

Therefore timing was perfect to look at the supplier base in Wales and how this could benefit not only Qioptiq but also member companies.

Peter White, Managing Director at Qioptiq gave a company overview and companies were given the opportunity to exhibit during the day whilst one to one meetings were taking place between the businesses and key Qioptiq staff.

EXHIBITIONS



Richard Hearne and Gareth Thomas, Welsh Government

Aircraft Interiors Expo in Hamburg



John Whalley, CEO Aerospace Wales and Gareth Burks, Managing Director, Rebel Aero

At the Aircraft Interiors Expo in Hamburg we received a lot of useful information on priority issues in the industry, such as the use of weight-reducing materials, optimum space utilisation and modernisation concepts. We also saw concepts and equipment for the interior design in First, Business and Economy Class, for low-cost carriers, and products designed to provide for the VIP sector. Wales was just one of hundreds of exhibitors and the event proved to be an excellent opportunity to cultivate existing business contacts and establish new ones.

Richard Hearne and Gareth Thomas from Welsh Government on the Wales stand, and John Whalley, CEO with a delegate to the show.

Aerospace Wales very much enjoyed spending time with Gareth Burks, Managing Director and Founder of Rebel Aero, based in Wales. Rebel Aero are pioneering a new innovative and creative seat for the economy cabin

Aerospace Wales are intending to visit the Aircraft Interiors Show again in 2018, for further details please contact enquiries@aerospacewales.aero

Wales and UK Space Conferences

During the summer there have been a number of Space related activities taking place. Firstly was a highly successful Space Sector conference at Glyndwr Innovation's OpTIC Technology Centre with CEO John Whalley presenting and taking the lead on panel discussions.

Supported by the UK Space Agency, OpTIC offers incubation facilities for start up businesses aiming to take advantage of the opportunities provided by the high growth Space sector.

The conference was followed by a meeting of the Aerospace Wales Space Group in the afternoon. The Space theme was maintained the following day with g2g's career day for schools, again supported by the UK Space Agency.



Attended by over 1,200 delegates, the UK Space Conference in Manchester proved to be an unmissable forum for the UK and international space community, bringing together government, industry, academia, customers, suppliers, education providers, researchers and the financial community.

The aims of the UK Space Conference 2017 were to be inclusive and forward looking:

- To bring together people and groups from within and outside the space community.
- To exchange visions and ideas for using space, its technology and satellite enabled-services to shape our future.
- To discuss how new knowledge and space-based capabilities can drive social and economic progress into the 2030s and beyond.

Welsh Government and Aerospace Wales had prominent exhibition space during the conference and Team Wales were kept busy as there was lot of interest in what Wales has to offer the Space community. Aerospace Wales also held a half day workshop, to plan the next steps for the aiding the Space community in Wales.



John Whalley CEO Aerospace Wales and a panel of Space Industry key



Team Wales



British European Space Agency astronaut Tim Peake was the Conference's keynote speaker



Paris Air Show

Paris Air Show is undoubtedly the largest and busiest event of the year that we attend to promote the aerospace sector in Wales and our member's capabilities.



Team Wales on the stand

This year was most notable for the heat, which reached 45 degrees on the tarmac! However, this did not deter the visitors or the business being done around the show.

Wales had a prominent stand within the UK Pavilion which was shared with member companies Denis Ferranti, Haydale, Faun trackway, Lmg Solutions, Spectrum Technologies and Tritech.

In total there were 2381 exhibitors from 48 countries and 142000 trade visitors. \$150 billion worth of orders were announced including: 897 orders and purchasing commitments for a catalogue value of 115 billion USD, for a total of 934 commercial aircraft.



Cabinet Secretary for Economy and Infrastructure Ken Skates visited Paris Air Show and held a most informative round table meeting with the participating companies on the Wales stand

Cabinet Secretary for Economy and Infrastructure Ken Skates, Dickie Davis, Deputy Director WG, John Whalley CEO Aerospace Wales and member companies



Paris Air Show



Mr Skates also spent time speaking about the Aerospace sector and its importance to the Welsh and UK economy with Richard Harrington MP Parliamentary Under Secretary of State at the Department for Business, Energy and Industrial Strategy.

Cabinet Secretary for Economy and Infrastructure Ken Skates and Richard Harrington MP Parliamentary Under Secretary of State at the Department for Business



Mark Garnier MP, Parliamentary Under Secretary of State at the Department for International Trade also spent time on the Wales stand speaking with Dickie Davis, Deputy Director, Welsh Government

Mark Garnier MP, Parliamentary Under Secretary of State at the Department for International Trade with Dickie Davis, Deputy Director, Welsh Government



Wales hosted a reception on stand with over 100 guests attending, including key industry figures.

Jeremy Greaves Vice President, Corporate Affairs and Strategy Airbus Group UK and Katherine Bennett Senior Vice President, Airbus with Dickie Davis, Deputy Director, Welsh Government

Aerospace Wales were kept busy for the entire week, and John Whalley CEO and Operations Director Rachael Blackburn can be seen here with Richard Watson and Leigh Fitzer signing up new members Assystem UK.

If you'd like to join Team Wales at future trade shows, please do get in touch enquiries@aerospacewales.aero



Jeremy Greaves Vice President, Corporate Affairs and Strategy Airbus Group UK and Katherine Bennett Senior Vice President, Airbus with Dickie Davis, Deputy Director, Welsh Government

Aerospace Wales CEO John Whalley, Operations Director Rachael Blackburn with Richard Watson and Leigh Fitzer Assystem UK



SPOTLIGHT ON

MADELEINE PINDER, TECHNICAL MARKETING EXECUTIVE, SPECTRUM TECHNOLOGIES



What is it that Spectrum Technologies do:

Spectrum Technologies has been at the forefront of laser wire processing technology for over 25 years; developing and applying leading edge technology to provide solutions to problems in advanced manufacturing, and pioneering the use of laser technology to solve a range of issues.

Spectrum Technologies is the world leader in the design and manufacture of specialised industrial laser systems for wire and cable processing applications. Since 1989 Spectrum has been the number one supplier of UV laser wire marking equipment, supplying almost 1,000 systems worldwide, including to the biggest names in the commercial and military aerospace manufacturing world.



PARIS AIR SHOW 2017

And what is your role with the company:

I am responsible for the marketing and communication of Spectrum's full range of high-value wire processing products, consumables and related services, in line with agreed business plan budgets and goals. My role also encompasses marketing and communication related actions related to new products under development.

Why did you attend Paris Air Show:

We received an email from Aerospace Wales inviting us to be part of the Wales stand at Paris for a fantastic rate compared to going under our own steam. We realised this would be a great opportunity to showcase our capabilities in the aerospace sector and to also launch our exciting new products.

What were you launching in Paris:

We were delighted to launch the new, 6th generation Nova 50-100i Series UV laser wire marking systems at the Paris Air. The Nova 50-100i series is an innovative, state-of-the-art family of laser wire processing system offering significant improvements in performance, cost and capabilities over previous generations of products.

How well was the launch received:

The first order for a Nova 50-101i has already been received and shipped to India in September. Following the successful Paris Air Show further orders for the Nova 50-100i are now coming in from customers around the world, including the USA and Japan.

What were the other benefits of attending Paris Air Show with Wales:

Exhibiting alongside Wales was a great opportunity for us to meet with existing customers and potential new ones all under one roof. The Wales stand looked really eye-catching and attracted a lot of visitors, we were kept really busy for the whole week making lots of new valuable contacts.

Would you go again with Wales:

Most definitely! We will carefully consider any opportunities that Aerospace Wales brings to our attention. I would certainly recommend the packages of support to any other companies that are looking to raise their profile or launch new products.



CONGRATULATIONS



Congratulations from all at Aerospace Wales to GE



GE Aviation Wales, one of the world's leading maintenance, repair and overhaul site for commercial jet engines, was recently selected as the GE overhaul facility for the GE9X, the world's largest and most fuel-efficient jet engine, due to launch into service in 2018.

The facility based in Nantgarw, just North of Cardiff, is an example of a global business with a Welsh operation that innovates to succeed. Occupying over 1.2 million sq. ft. of workshop space, it has two state-of-the-art engine test facilities and employs a highly skilled workforce of over 1,250 people. With a turnover in excess of \$2.9 billion, the Company services up to 450 engines a year and prides itself on its quality, safety and business excellence.

The site specialises in four engine types including the GE90, the world's most powerful aircraft engine, the GP7200, the engine that powers the Airbus A380, the Rolls-Royce RB211 and the complete range of CFM56 engines, the world's most popular aircraft engine.

The business will be adding the GE9X, the world's most fuel-efficient and powerful jet engine, designed for Boeing 777X aircraft, to its portfolio post service launch in 2018. GE Aviation Wales was selected based on its wealth of technical expertise and its track record of continuous improvement.

On the announcement, GE Aviation Wales Managing Director La-Chun Lindsay said *"The GE9X will be the world's largest engine and I'm incredibly proud that just as with the GE90 almost two decades ago, GE Aviation Wales has been chosen as the MRO facility. Adding the GE9X to our repertoire of engines will not only mean some £20 million of investment into our Wales site, but will also support high value manufacturing jobs."*



The Company's roots can be traced back to 1924 when the engine overhaul shop was first established by Imperial Airways in London. In 1940, the business was moved to South Wales under the ownership of British Airways. In December 1991, the Company was incorporated into the GE Aviation Services Group. Over the last two decades, GE has continued its inward investment and funding to ensure business growth. The business has achieved this through securing new product introduction, upskilling its workforce and the creation of several Centres of Excellences, firmly establishing its position as a global leader in engine overhaul.

CONGRATULATIONS



Congratulations to Raytheon Opening their new hangar

Raytheon UK



Raytheon Chief Executive Richard Daniel and First Minister Carwyn Jones

Raytheon UK, which already employs 145 people near Broughton, Flintshire, officially opened their new hangar. The defence systems firm has a deal to maintain long-range RAF spy planes, which work over Syria and Iraq. But it hopes to win contracts to provide similar aircraft to other governments. The new Hangar 119 is equipped to completely overhaul the RAF's fleet of Sentinel surveillance aircraft - most of which were built by Raytheon.

Richard Daniel, Raytheon UK chief executive said:

“Our new facility in North Wales gives us tremendous potential and will enhance our economic impact in the region, where the company has contributed since 1993.”

“We have created around 50 jobs in Broughton over the past 18 months, and anticipate the need for a further 200 over the next three years depending on export opportunities.”

The Welsh Government have invested £1m in the facility, which First Minister Carwyn Jones officially opened.

Congratulations to Captain Winston Thomas - MBE

Captain Thomas has spent over £4m in building Pembrey Airport in Llanelli. His private purchase of the airport in 1994 led to the restoration of the buildings and infrastructure in order to transform the former Royal Air Force Airport into a busy facility that offers private, commercial and charter flights.

His investment in the derelict airport has helped to boost the local economy, has attracted inward investment and created jobs in South and West Wales.

“It is a privilege to have my name put forward on to the honours list,” said the 80-year-old.





www.aerospacewalesforum.com

enquiries@aerospacewales.aero

