



CELEBRATING



YEARS  
OF AEROSPACE  
WALES

[www.aerospacewalesforum.com](http://www.aerospacewalesforum.com)



# WELCOME

## Membership

Thank you for your continued membership and support for the Forum's activities. We now have over 180 member organisations and are continually striving to provide the best service to our members by promoting your company's capabilities and by 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 Forum members 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 full members. Organisations that would like to become involved but are based outside Wales can join us as Associate members. 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   | £1200      |

*We have worked hard to ensure that our membership prices stay as low as possible. We have not raised our membership fees for 5 years.*

**To Join:** Complete and return a **Membership Application Form** to us  
<http://www.aerospacewalesforum.com/membership-fees/>

## Dear Members,

We are delighted to welcome you to the first edition of the Aerospace Wales Newsletter since 2019. Thankfully, we're finally getting back to some form of normality after COVID put a stop to exhibitions and events for a couple of years! 2022 has already been a busy year with participation at a number of events including MRO Americas, JEC Paris, the Farnborough Air show and the relaunch of our in-person Members Meeting which took place at BAE Glascoed in June.

Aerospace Wales understands the importance of having a presence at these events to promote your companies and capabilities, and to generate supply chain opportunities and encourage inward investment.

We would urge all members to take advantage of the subsidised packages we offer with Welsh Government in order to attend these events and to have a presence and promote your company. If you would like any more details on how you could join us, please do get in touch.

Since the last newsletter we have also launched the MRO Hub which is a new initiative involving 10 Aerospace Wales member companies. The MRO Hub has been formed to showcase the growing centre of aviation capabilities that we have in Wales. More information about the Hub can be found in the following pages.

Looking to the future: 2022 will see us continue to develop our sister company Space Wales which was launched alongside the establishment of the Space Wales Leadership Group. We are also in the process of organising a number of exhibitions and events; more details about these can be found later in the newsletter.

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

- ▲ Aero Engine Services
- ▲ Aircamo Aviation
- ▲ Analogue & Micro
- ▲ European Airline Solutions
- ▲ DRB Group
- ▲ eXcent UK
- ▲ Exeter Aerospace Limited
- ▲ Expromet Technologies Group
- ▲ Hempel Special Metals
- ▲ Innovation in Life
- ▲ Jacobs UK Ltd
- ▲ K-Sharp Ltd
- ▲ Made – University of Wales Trinity St David
- ▲ Metal Seagulls
- ▲ Moorcroft Controls
- ▲ Simply Do Ideas
- ▲ PME Aerospace Inspection
- ▲ Thales
- ▲ Ultema Consultancy Ltd
- ▲ Wise Wealth Management



If you would like to see your company, product or services featured in the next edition, please do get in touch with [madeleine@aerospacewales.aero](mailto:madeleine@aerospacewales.aero)

**Madeleine Pinder,**  
Operations Director  
Aerospace Wales Forum Ltd

# NEW MEMBERS



AERO ENGINE SERVICES  
QUALITY INTEGRITY RELIABILITY

## Aero Engine Services

**About:** The supply of aftermarket aircraft core engine material & LRU / QEC components along with the technical and engineering services including shop visit management & technical consultation.

**Telephone:** +44 (0) 1443 806 539

**Email:** [info@aeroengineservices.com](mailto:info@aeroengineservices.com)

**Web:** [www.aeroengineservices.com](http://www.aeroengineservices.com)



## aircamo Aviation

**About:** Full CAMO Management and Technical Support services for Lessors, aircraft owners and operators.

**Telephone:** +44 (0) 01615 230 145

**Email:** [info@aircamo.aero](mailto:info@aircamo.aero)

**Web:** [www.aircamo.aero](http://www.aircamo.aero)



## Analogue & Micro

**About:** Analogue & Micro Ltd offer consultancy and full turnkey design and manufacturing services for complex electronic systems based on 32-bit and 64-bit embedded processing platforms and open source Linux development environments.

**Telephone:** +44 (0) 1633 863 282

**Email:** [enquires@analogue-micro.com](mailto:enquires@analogue-micro.com)

**Web:** [www.analogue-micro.com](http://www.analogue-micro.com)



## European Airline Solutions

**About:** EAS design/manufacture and supply a host of specialist access solutions and GSE for base, line and maintenance activities.

**Telephone:** +44 (029) 22 360 196

**Email:** [sales@easltduk.com](mailto:sales@easltduk.com)

**Web:** [www.europeanairlinesolutions.com/](http://www.europeanairlinesolutions.com/)



# NEW MEMBERS



## DRB Group

**About:** Design, Machining, Fabrication, Mechanical Maintenance and Repair and Overhaul, Power Transmission Component Sales.

**Telephone:** +44 (0) 1244 280 280  
**Email:** [enquiries@drbgroup.co.uk](mailto:enquiries@drbgroup.co.uk)  
**Web:** [www.drbgroup.co.uk](http://www.drbgroup.co.uk)



## Exeter Aerospace Limited

**About:** UK CAA and EASA part 145 organisation with approval on ATR 42/72 family DASH 8 family and Embraer 1701 190 family. PW150 engine

**Telephone:** 07814 620 986  
**Email:** [info@exeteraerospace.com](mailto:info@exeteraerospace.com)  
**Web:** [www.dublinaerospace.com](http://www.dublinaerospace.com)



## eXcent UK

**About:** eXcent, Industrial Solutions Designer and Integrator, supports industrialization projects for major companies in the aeronautics, automotive, railway, energy, defence and space or naval industries.

**Telephone:** 07422 941 216  
**Email:** [info@excent.uk](mailto:info@excent.uk)  
**Web:** [www.excent.fr/en](http://www.excent.fr/en)



## Expromet Technologies Group

**About:** Expromet harnesses the capabilities of a group of complementary advanced precision casting and machining businesses to deliver world class engineering solutions to customers on a global basis.

**Telephone:** 07936 600 269  
**Email:** [robertwilliams@expromet.com](mailto:robertwilliams@expromet.com)  
**Web:** [www.expromet.com](http://www.expromet.com)

# NEW MEMBERS



## Hempel Special Metals

**About:** Providing service and distribution of Nickel Alloys, Stainless Steel and Titanium materials in formats and specifications required by the Aerospace, Defence and Space industries. Released under our EN9120 certification.

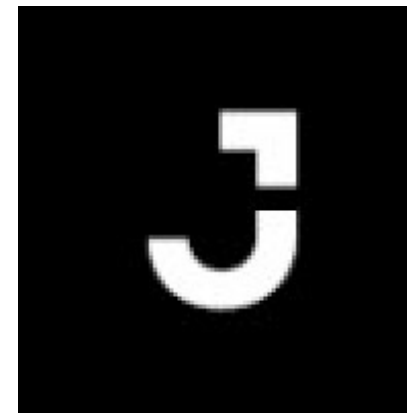
**Telephone:** +44 (0) 1924 488 585  
**Email:** UK@hempel-metals.com  
**Web:** www.hempel-metals.co.uk



## Innovation in Life

**About:** Innovation in Life have worked across a whole range of industries ensuring UK businesses are rightfully rewarded for their innovations and technologies though helping companies reclaim crucial funding from HMRC's Research & Development Tax Credit initiative.

**Telephone:** 0204 511 5511  
**Email:** info@innovationinlife.co.uk  
**Web:** www.innovationinlife.co.uk



## Jacobs UK Ltd

**About:** Jacobs provides a full spectrum of professional services including consulting, technical, scientific and project delivery for the defence, government and private sector.

**Telephone:** 029 2035 3200  
**Email:** Space.Events@jacobs.com  
**Web:** www.jacobs.com



## K-Sharp Ltd

**About:** K Sharp provides Human Science Research and Human Factors consultancy. We are a micro-SME which means we can be very agile and responsive to customer needs especially where rapid decision making is required.

**Telephone:** +44 (0) 1554 776 236  
**Email:** hello@ksharp.co.uk  
**Web:** www.ksharp.co.uk

# NEW MEMBERS



## Made – University of Wales Trinity St David

**About:** MADE Cymru offers industry boosting courses to Welsh manufacturers in Upskilling for Industry 4.0 and Innovation Management. All online, flexible, and taught by industry experts. They are fully funded for a short time (eligibility rules apply). They also have opportunities to collaborate in Research & Development.

**Telephone:** +44 (0) 1792 481 199  
**Email:** [made@uwtsd.ac.uk](mailto:made@uwtsd.ac.uk)  
**Web:** [www.madecymru.co.uk](http://www.madecymru.co.uk)



## Moorcroft Controls

**About:** Specialise in Process control, automation and calibration services.

**Telephone:** 01543 509 020  
**Email:** [controls@moorcroft.io](mailto:controls@moorcroft.io)  
**Web:** [www.moorcroft.io/](http://www.moorcroft.io/)



## Metal Seagulls

**About:** Metal Seagulls Ltd has extensive experience of specialist application aircraft solutions including modification of non-certified aircraft for aerial supply, aerial dispersal, etc. As the ULPower Aero Engine distributor for the UK, Ireland, Iceland, Falkland Islands and West Africa, offering FADEC direct drive, air-cooled, powerplant solutions from 97 to 220hp suitable for light aircraft, helicopters, drones etc with full technical support available from our facilities at Haverfordwest Airport, Pembrokeshire.

**Telephone:** 07502 593 671  
**Email:** [capt.yaw@gmail.com](mailto:capt.yaw@gmail.com)  
**Web:** [www.metalseagulls.biz](http://www.metalseagulls.biz)



## Ultema Consultancy Ltd

**About:** : Electro-mechanical design consultancy with 30+ years in Aerospace Electro-mechanical research and design.

**Telephone:** 07834 575080  
**Email:** [info@ultema.co.uk](mailto:info@ultema.co.uk)  
**Web:** <https://www.ultema.co.uk>

# NEW MEMBERS



## PME Aerospace Inspection

**About:** Non-destructive Testing (NDT) services for the aerospace industry, covering all 5 main methods (Radiography, ultrasonic, magnetic particle, penetrant and eddy current) all at level 2 and level 3. In service or manufacturing tasks and Level 3 Consultancy services.

**Telephone:** +44 (0) 1244 683 358  
**Email:** pmeaerospace@gmail.com  
**Web:** www.ndtaero.co.uk



## Simply Do Ideas

**About:** Simply Do is a digital platform enabling organisations to effectively crowdsource solutions to strategic engineering and organisational challenges. This unlocks access to diverse capabilities, thinking and the co-production of solutions with employees, suppliers, and academia.

**Telephone:** 07368 934 367  
**Email:** info@simplydo.co.uk  
**Web:** www.simplydo.co.uk



## Thales

**About:** Thales is a global technology leader in the Aerospace, Transportation and Defence & Security markets. In 2019, the company generated sales of E18.4 billion with 80,000 employees in 68 countries. With its 30,000 engineers and researchers, Thales has a unique capability to design, develop and deploy equipment, systems and services that meet the most complex security requirements.

**Telephone:** 02921 052 734  
**Web:** www.thalesgroup.com



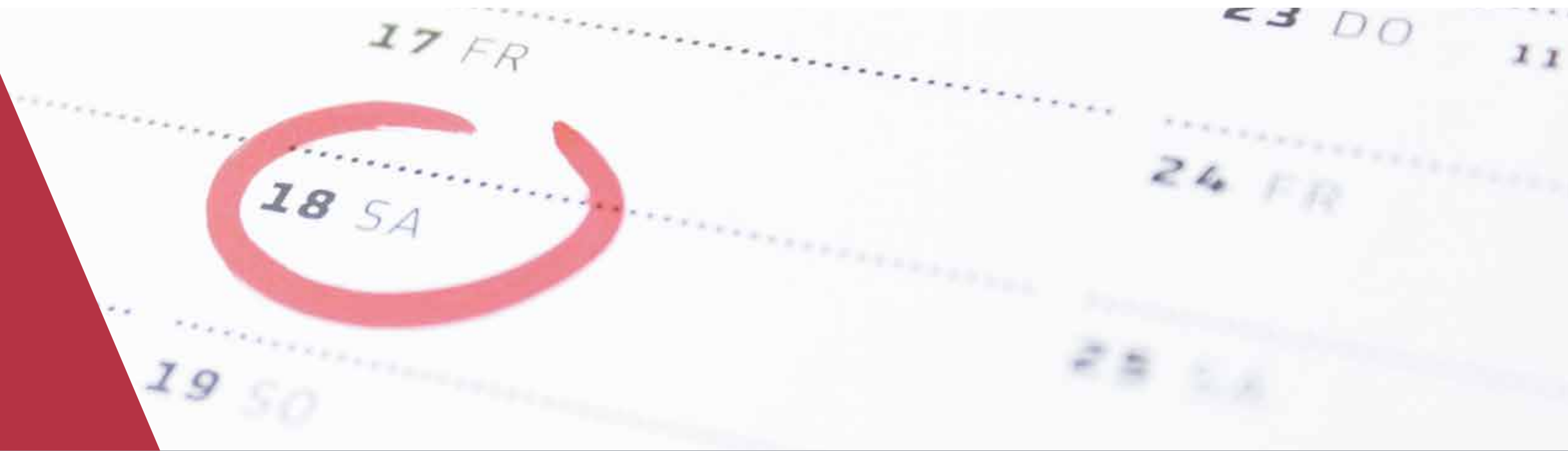
## Wise Wealth Management

**About:** At Wise Wealth Management, we provide friendly face to face financial advice to individuals, families and businesses, helping them make the right decisions about their future.

**Telephone:** 07807 818 616  
**Email:** Chris.McManus@sjpp.co.uk  
**Web:** www.wisewealthmanagementltd.co.uk



# 2022/23 CALENDAR



**September 2022 7th & 8th**  
**Space-Comm Expo**, Farnborough International  
Exhibition & Conference Centre



**September 2022 18th - 22nd**  
**IAC Paris**, Paris Convention Centre

**October 2022 4th & 5th**  
**Space Suppliers Summit Glasgow**,  
Technology & Innovation Centre, Glasgow

**October 2022 13th & 14th**  
**ADS Toulouse Annual Event**, Toulouse

**October 2022 18th & 19th**  
**MRO London**, ExCel, London

**November 2022 17th**  
**Members Meeting**, Airbus, Broughton



**January 2023, 15th - 18th**  
**Dublin Aviation Summit**,  
The Shelbourne Hotel, Dublin, Ireland

**April 2023, 18th - 20th**  
**MRO Americas**.  
Georgia World Congress, Atlanta, GA

**May 2023, 23rd - 27th**  
**LIMA Exhibition**.  
Langkawi, Malaysia

**June 2023, 19th - 25th**  
**Paris Air Show**.  
Paris, France

**October, 2023 18th -19th**  
**MRO Europe**.  
Amsterdam, The Netherlands





# Spotlight on...Patricia Porter



## Tell us about Metal Seagulls?

Metal Seagulls is one of the leading UK companies in relation to non-certified light aircraft, with a speciality in aluminium airframes and modern powerplant solutions. We are a family business (currently 5 FTE), and we represent major brands such as Zenith Aircraft, ULPower Aero Engines, DUC Propellers, and more – and also have a growing range of our own products, from specialist components to whole aircraft solutions.

We are probably the best equipped light aircraft company in our sector, with a large, dedicated hangar, apron, workshops, CNC production cell (4 axis 2500mm x 1500mm x 400mm combination mill/router/oscillation knife and plotter), 120tonne 3m 5 axis press brake (non-marking tooling and specialist punches and dies for aluminium), 3D printing, laser etching, vinyl cutting, etc) as well as in house 3D design and development and electronics/avionics facilities.

We have two LAA and BMAA inspectors on staff, and often say 'from a cotter pin to a whole aircraft, Metals Seagulls are there to help.

## What is your role with the company?

I am a founding director of the company, and I run the workshops, production and maintenance side of the operations. I am as happy washing a plane as building one – or flying one! I guess I get to put my fingerprint on every component of an aircraft in build, repair or maintenance and enjoy every second of it! When we have educational visits, I am the lucky one who gets to teach the next generation how to set a rivet! I have about 1000 hours flying time and look forward to getting more as we move into our next phase of development.

## You're based at Haverfordwest Airport, what made you decide to base yourselves in West Wales?

My journey to aviation started in West Africa in 2007, I did my apprenticeship in Aviation and Technology, built planes, taught others in a trade school, got my pilots licence and also taught others to fly – in rural Ghana! Moving to the UK in 2015, we started Metal Seagulls from the dining table in our home at Rugby in February 2016. Outgrowing that, we moved to Shropshire, and, after outgrowing the hangar space twice, really needed to find an airfield and base that would allow us to settle, grow and develop.



Initially we looked at buying land in Wales to develop a new airfield, but after meeting the amazing team at Haverfordwest Airport, and seeing H2 (Hangar 2), we could see a bigger picture.

Haverfordwest Airport is local council owned and run to the highest standards. The airspace is perfect for test flying and development work, and the hangar has 3 phase power, fibre-optic high-speed internet, water and sunshine (sometimes damp sunshine too).

The business environment – particularly for engineering – is great in Wales and the welcome from the people – at the airport and in general – makes us feel at home.

Being a bit more rural, it reminds me of my roots in West Africa, where family, community, and a sense of pride in the work we all do together prevails. I am proud to be an adopted Welsh woman!

## What can we expect from Metal Seagulls over the next few years?

We are all driven by the looming demands of decarbonisation. Our vision is a pragmatic, practical and sustainable approach to that transition, and with it we are developing what we call a Smart-e-Ready airframe solution. It is an airframe that has taken into consideration the demands that are coming in terms of powerplant and energy storage, uses multifunctional structures, can be flown under existing construction standards/routes to market and licencing schedules and yet has provision to move beyond that. Those who have seen more than the 'release images' and know where we are heading are all positive about our emphasis on the user experience and safety (in the air and on the ground). I believe our background in surveillance and training, building, modifying, along with 'custom solutions aircraft for surveillance' gives us an advantage. Time will tell, but you are all invited to see the prototype of the first model from Fafali Aircraft in 2023! (Fafali aircraft are proudly designed and built in Wales).

## How is Metal Seagulls benefiting from being an Aerospace Wales member?

The Aerospace Wales Forum team have been supportive, encouraging, network enabling and all-round amazing. I look forward to welcoming you all to a site visit to our hangar – it is not as impressive as BAE or Airbus, but we do not aim to be, we are happy to be the 'General Aviation' 'skunk-works' bedrock on which all aviation is built, and that is clearly recognised by the approach at the Wales Aerospace forum. We feel that we are listened to with the same level of seriousness (for our sector) as the big boys 'n' girls – and that is a real strength in the organisation.

Where I grew up, we have an expression "All fingers are not equal." It means that we all need to bring different strengths to the hand. Aerospace Wales is definitely a thumb. It works quickly, effectively and with strength to enable the fingers (members) of the organisation to pick-up and work positively towards our common goal of Aerospace growth and development in Wales.

I cannot single out any one of the team – because Aerospace Wales really is The A-Team. "I say a hearty "Ayekoo"\* to you all, and thank you being with us on our journey in aviation here in Wales.

(Ayekoo means "more grease to your elbow" or "well done" where I grew up)



# INTRODUCING THE MRO HUB



**Wales MRO Hub offers a unique Through Life Service for Commercial, Defence and Business aviation. The through life service MRO model provides a combination of services to keep an aircraft available, airworthy and economically viable throughout the whole lifecycle.**

The MRO hub was launched in 2021 to act as a cluster of technical expertise and through-life services to deliver an outstanding set of capabilities for the aviation industry.

The Wales MRO Hub spans the aviation industry value chain, encompassing everything from aircraft leasing, maintenance and recycling to component manufacture, parts repair and business aviation.

Aerospace Wales helps these companies to develop their businesses. It also supports new entrants keen to join this growing nucleus of aerospace excellence, ensuring that Wales remains a global centre for the aviation industry.

By supporting initiatives like this Aerospace Wales is seeking to promote the benefits of Welsh aerospace capabilities to a global market.



## **AerFin**

Specialists in aircraft end-of-life solutions. The market leader for delivering flexible component support solutions to E-Jet & narrow-body markets.



## **AerMach Ltd**

Quality supply chain solutions offering sale, lease and exchange of assets and components for the aviation industry.



## **Aerocare**

Highly skilled, OEM trained professionals have unrivalled in-house capability providing maintenance and repair.



## **Belcan**

A global supplier of design, software, manufacturing, supply chain, information technology, and digital engineering solutions.



## **ecube**

Trusted to deliver end of life aircraft services and storage programmes for lessors, airlines and asset traders.



## **European Airline Solutions Ltd**

Expert providers in aviation ground support equipment, ground handling solutions, tooling and inventory management.



## **PPA Group**

An aircraft and yacht interiors MRO company conducting overhauls through service centres worldwide.



WALLCOLMONOY

## **Wall Colomony (WCL) Ltd**

A global leader in the manufacture of super alloy powders & components.



Willis Asset Management Limited

## **Willis Asset Management Ltd**

A leading worldwide provider of aviation asset management and maintenance solutions.



## **Winslow Adaptics**

Designs and develops products to mitigate supply chain shortages and obsolescence for the harshest environments.



# EXHIBITIONS

## MRO AMERICAS

### Aviation Week MRO Americas, Dallas

**Our first international event since 2019 took place in April when we attended the MRO Americas exhibition in Dallas.**

Alongside Welsh Government, Aerospace Wales headed up a delegation of 10 companies at the world's largest aviation MRO (Maintenance, Repair and Overhaul) show, with over 800 exhibitors in total.

The group of companies included representatives from AerFin Limited, AerMach Ltd, Aero Engine Services, Aircamo Aviation Ltd, Belcan UK, Cardiff Airport, Cottam & Brookes Engineering Ltd, ecube, European Airline Solutions Ltd and STG Aerospace.

Initial feedback is good with potential outputs in excess of £20m from the companies who attended with us. Aerospace Wales is looking to enhance its presence at the 2023 show so if you'd be interested in sharing a stand with us please get in touch!



## JEC, PARIS

**The leading international composites show was held at Paris-Nord Villepinte in May and attended by a delegation of six Welsh companies.**

**The exhibition which had originally been scheduled for 2020 had been postponed twice.**

Companies represented included The Development Company, Haydale, Bangor University, Airbond Splicers, R-TECH Materials and Asset International Structures. The UK Pavilion members were treated to a reception in the British Ambassador's residence in Paris on Tuesday evening, hosted by Theo Rycroft, the Minister and Deputy Head of Mission at the embassy.

The event welcomed over 32,000 visitors over the three days and all feedback from companies that exhibited with Aerospace Wales has been positive.





# EXHIBITIONS

## FARNBOROUGH INTERNATIONAL AIRSHOW

The Farnborough Airshow was back with a bang after a four-year hiatus in July. Aerospace Wales and Space Wales were both represented at the show with Aerospace Wales exhibiting on the Welsh Government stand alongside sixteen member companies! Space Wales made its debut at the show with a stand supported by two member companies located in the Space Hall.



Welsh Government Minister for the Economy, Vaughan Gething MS spent two days with the team and had a packed itinerary of company meetings, stand visits and interaction with Ministers from other governments.

He also met up with a group of Airbus apprentices who presented him with a mini-composite A350 wing. This was part of a "Welsh moment" pulled together by Helen Swift. Helen works for Airbus as the UK Public Affairs Manager across the Commercial Aircraft, Defence and Space and Helicopters divisions. She is a member of Welsh Government's Economic Ministerial Advisory Board, an Ambassador for Aerospace Wales and co-chair of the Space Wales Leadership Group.

The stand had hundreds of visitors and it was lovely to catch up with some of our member companies that were exhibiting at, or just visiting the show.





# NEW DEFENCE TECHNOLOGY

## EXPLOITATION PROGRAMME LAUNCHES TO BOOST SMALL AND MEDIUM-SIZED ENTER- PRISE DEFENCE INNOVATION

The Defence and Security Accelerator (DASA) Innovation Partner in Wales gave the Aerospace Wales Forum an introductory briefing on a new opportunity at our members meeting in BAE Systems Glascoed on the 22nd June 2022. We are delighted to inform members that the Defence Technology Exploitation Programme (DTEP) has now officially launched presenting new funding and development opportunities for members across Wales.

Aiming to inspire companies to win new business, develop industrial capabilities, and provide cutting-edge answers to defence problems at home and abroad, DTEP will help small and medium-sized enterprises (SMEs) create relationships with higher-tier suppliers and integrate their novel technologies, materials or processes into UK defence supply chains.



## Defence and Security Accelerator

Individual grants of up to 50% of a project's value – to a maximum of £500,000 per grant – will be available through DTEP for collaborative projects between SMEs and larger suppliers.

Launched by the Directorate of Industrial Strategy and Exports (DISE), DTEP will be primarily delivered by the MOD's Defence and Security Accelerator (DASA), in partnership with Innovate UK, and is a core commitment in the Defence and Security Industrial Strategy and SME Action Plan. It builds upon the successful launch of the Department for Business, Energy & Industrial Strategy-funded National Aerospace Technology Exploitation Programme (NATEP) and the pilot of DTEP conducted in Northern Ireland. That pilot enabled CCP Gransden, based in Northern Ireland, to collaborate with Thales and Ulster University on a project to replace the Starstreak surface-to-air missile system's metallic canister with a composite version – reducing reliance on global supply chains for the over 50 components currently needed.

The programme offers opportunities to both SMEs and higher-tier suppliers, through collaborative applications led by an SME, to develop technologies in line with DTEP priority areas.

These priority areas focus on technology, material or process within existing or new supply chains key themes including –

- ▲ Pervasive Full Spectrum Multidomain Intelligence, Surveillance and Reconnaissance
- ▲ Multi-Domain Command, Control, Communications and Computing
- ▲ Secure and Sustain Advantage in the Sub-Threshold
- ▲ Asymmetric and Hard Power
- ▲ Freedom of Access and Manoeuvre

Announcing DTEP, Minister for Defence Procurement, Jeremy Quin said:

***“Innovation within defence is crucial to maintaining competitive advantage for our Armed Forces. The Defence Technology Exploitation Programme is a positive step in how we support SMEs and larger suppliers to work together to improve the resilience and competitiveness of the MOD's supply chain.”***

Applications to DTEP can be made by UK-based SMEs (companies with up to 250 employees and a turnover of under €50m) looking to form a collaboration with a UK-based higher-tier supplier to help integrate and take their novel solution to market. More information can be found through visiting the DTEP page and interested SMEs and higher tiers should get in touch with Tom Adamson, the DASA Innovation Partner in Wales, who will be able to offer support through the DTEP application process.



# LATEST NEWS...



## **Vaughan Gething MS, Welsh Minister for Economy visited Aerospace Wales member TWI Wales' laboratories, based in Port Talbot, on Wednesday 7th September 2022.**

The visit marked the successful completion of a number of major milestones as part of the initiative known as the Advanced Engineering Materials Research Institute (AEMRI).

During the visit, Ian Nicholson, manager for AEMRI presented an overview of the project accomplishments including the development and procurement of state-of-the-art equipment.

Aamir Khalid, CEO for TWI, presented on the history of TWI Wales and the importance of public funding in how TWI supports new research capabilities to enhance support of UK industry.



The minister toured the laboratories and saw a range of equipment and offerings unique to TWI, including the new digital radiography suite and the IntACOM robot cells used for the automation and deployment of non-destructive testing.

The minister said it was always fascinating to see the variety of unique commercial offerings in Welsh industry and he was pleased that TWI, through AEMRI, is working closely with industry and academia. He also stated that the Welsh Government is keen to encourage this in order to harness the commercial opportunities of innovation and research, as well as emphasising the importance of retaining local talent for the future of Wales, noting how the close collaboration with Welsh universities helped foster this.

## **Aerospace Wales and Eureka! Europe**

Earlier this year, Aerospace Wales and Eureka!Europe, specialists in building organisational innovation muscle, completed a successful pilot Innovation Engineering training programme. The cohort was made up of 13 system engineers, design authorities, product and innovation managers from a number of member companies, including STG Aerospace, Agile Group Systems & Services, Excelitas Technologies, and BAE Systems. The feedback received from participants and their organisations was very encouraging.



*The 'disruptive' Innovation Engineering tools are insightful and a new way of encouraging creative thinking for engineers.*

*Innovation Engineering is an excellent toolset, one which helps us to navigate our way especially in early development of products, where the way is not always well defined.*

*A real benefit when it comes to implementing faster development cycles. It's all about balancing creativity, agility and understanding the bigger picture.*

Following the success of this cohort Aerospace Wales are working with the other UK regions to run further programmes in 2023.

We will be running a workshop on the 22nd November, please email [rachael@aerospacewales.aero](mailto:rachael@aerospacewales.aero) if you would like further details.



## **Aerospace Wales member company United Aerospace recently announced the installation of the first CMS Kreator LFAM system in the UK.**

The Pembrokeshire based company who are designers, manufacturers and finishers of composite components and assemblies, will use the machine to develop and produce products including autoclave tooling, jigs and fixtures.

The machine has been installed in an agreement with the manufacturers CMS SpA. It will be a fully functional production machine with the added benefit of providing a UK showroom and laboratory to facilitate trials and demonstrations for potential customers.

John Whalley, CEO, and Madeleine Pinder, Operations Manager of Aerospace Wales were first briefed on the new machine by Gareth Burks, MD of United Aerospace, at the JEC World show in Paris in May. The machine was being demonstrated at the show. Since then the machine has been signed off and delivered to United's facility in Pembroke Dock where the composite airframe shells for the Royal Navy's Banshee drones are produced.



## **ADS release Global Aerospace Outlook 2022.**

**Available on request to Aerospace Wales members.**

Our UK national partner ADS Group Ltd has released the latest addition of the Global Aerospace Outlook, the first since 2019. The document is on restricted circulation and is available to ADS members via their password protected pages. Members of the regional aerospace alliances, including Aerospace Wales can request a PDF copy from their own organisation. Members of Aerospace Wales please email our Operations Manager Madeleine Pinder ([madeleine@aerospace-wales.aero](mailto:madeleine@aerospace-wales.aero)) to request your own personal PDF copy. We are keen to gauge the overall demand for the document and the names of companies (not individuals) requesting the document will be shared with ADS to determine the appetite for future updates.



## SPACE WALES

There's no doubt about it - the Space sector is growing and is a land of opportunity. And for something that's been around for quite some time, there really is new energy and land of opportunity out there to deliver to the so-called "New Space" sector. Nowhere has this been manifested more clearly than at the Farnborough International Airshow last month, where Hall 4 was full, absolutely packed full, of companies and organisations driving the developments of this fast-growing sector.

And there's a lot happening in Wales, where we have a long record of great research and development and of supporting the development of some European Space Agency programmes, but the rapid growth is now in the smaller, agile businesses developing new markets and already doing so on a global scale.

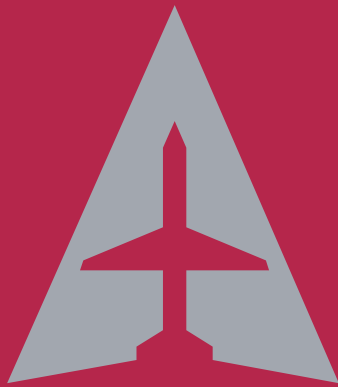
But what has this got to do with the aerospace businesses in Wales, you might well ask? It is the close alignment, the potential to cross over into a new sector and to grab a slice of the growth that really should be on the minds of members of Aerospace Wales Forum. And it is for that reason that we have been supporting the Space sector development for the last year and a half, winning UK Space Agency contracts to resource a development manager for the sector and we have led a number of events, conferences and exhibitions in close alignment with Welsh Government to promote the Welsh Space sector.

We also hold a series of monthly updates to our Space Wales Leadership Group to ensure that we spread the word as widely as possible, and later this year will be holding a mini conference

with the Ministry of Defence to explore their capability requirements and the suitability of our offerings from Wales as well as an in-depth view of the MoD's procurement processes for Space.

If you would like to know more about the opportunities or want to get onto our Space related mailing lists, please contact [enquiries@aerospacewales.aero](mailto:enquiries@aerospacewales.aero). And if you think that it is not for you, please think again: the industry crossovers are truly incredible and provide a great opportunity for growth.





[www.aerospacewalesforum.com](http://www.aerospacewalesforum.com)

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