

interFACe

The magazine of the Farnborough Aerospace Consortium



In This Issue:

Welcome our newest members

Introduction to NATEP

The new FAC APP is coming soon

FAC Events

Progressive Technology and Fitfactory



Recently FAC welcomed these new members



[Progressive Technology](#) (see the Progressive Technology article on page 6)



[fitfactory](#) (see the fitfactory article in the September issue)



[RINA Consulting Defence Ltd](#) (See the RINA Consulting Defence Ltd article in the [July InterFACe](#))



[Portsmouth Aviation Ltd](#) (See the Portsmouth Aviation Ltd company article in the [April InterFACe](#))



[Global Shop Solutions](#)
(See the GSS company article in the [April InterFACe](#))



[Adaptix](#) (See the Adaptix company article on page 5 of the [March InterFACe](#))



FAC Membership during the Lock Down! With Alan Fisher, the FAC's Membership Advisor



As we slowly clamber out of the pandemic, and if the governments road map works, we can get back to some sort of normal FAC will be reaching out to members and developing real face to face events and not just host webinars which are never as good as real face to face meetings and events. We also plan to attend a few exhibitions over the coming months so if anyone is interested in joining us at Advanced Manufacturing at the NEC in November or Southern Manufacturing at Farnborough in February 2022 then please contact FAC [HERE](#).

We continue to be approached by new members and we are pleased to announce that [fitfactory](#) and [Progressive Technology](#) are our newest recruits, and I am sure you will join me in welcoming them to FAC.

We will be publishing more events over the coming weeks, these will include a series of "In person" events, including company visits, light touch events, attendance at exhibitions where appropriate and our own annual conference. (Save the Date – 25th November 2021). We always welcome suggestions for these events so if any member has any topics, they would like to see us deliver please contact the membership team to discuss content.

Once international travel restrictions are lifted, FAC plan to develop several missions to support our members export trade expectations. To deliver these FAC is already talking to the following: international aerospace, space, and defence organisations to organise events/missions and deliver opportunities for our members, the plan is to increase these discussions to other international bodies as FAC goes forward.

FAC is working in conjunction with ATI and FlyZero as part of the government's Regionalisation Engagement programme, on the 20th July we hosted a FlyZero Awareness webinar as step one in the engagement programme, we plan to hold a FlyZero Technology workshop later this summer, so watch this space for details.

Finally, the membership team is always here and should you need any support or help in anyway, please do not hesitate to contact us direct.

If you wish to contact Alan Fisher, please email him [HERE](#)

FAC continues to identify topics that that are of interest, but if you have a particular topic you wish to be shared, please email kim.yeomans@fac.org.uk

Onwards and Upwards

The **FAC** Team



The National Aerospace Technology Exploitation Programme (NATEP) is a government funded programme which aims to support innovative small companies working in the civil aerospace sector by providing research grants. The funding comes through ATI and Innovate UK manages the NATEP calls and the projects while they are running.

As well as providing the grants themselves, the programme employs Technology Managers (TMs) who provide free guidance to companies that wish to apply. The TMs are jointly managed by ADS and Farnborough Aerospace Consortium (FAC). The TMs at FAC are available to provide initial advice as to the suitability of project ideas and guidance when filling out the application form. They can also help with identifying potential project partners and the exploitation of the project results through our extensive network of contacts, both with smaller companies and with OEMs and Tier 1 suppliers.

If you are successful in your NATEP application, then the TMs will help with all the documentation and presentations that are required to fulfil your project. You will become part of the NATEP family and as such will benefit from exposure to further funding opportunities and encouraged to disseminate your project at NATEP arranged events and big engineering shows. Even if you are unsuccessful in your application, our feedback suggests you will still benefit from having a better understanding of your unique selling points and developing an improved strategy. The TMs can also point companies towards alternative sources of funding, if appropriate.



SME's - Do you need up to £150K to develop an innovative idea?!

- Do you have an idea that might improve a process, a technology, a supply chain?
- If you had funding could you introduce a change or an improvement to one of your existing products or processes?
- Do you have an idea to combine existing technologies into one product? . . .then NATEP could help!

For more information please contact FAC kim.yeomans@fac.org.uk



NEW 2021 FAC App... Coming Soon!

Featuring FAC Member Profiles and their Capabilities

Your business profiling is **key** to enabling FAC's support for you and allowing other members to find you.

It is therefore crucial that you use the link **HERE** to update your details and capabilities.



We would like to refresh the membership capabilities to ensure that they are up to date. This will enable other members, customers and suppliers to quickly search for and find you on the system.

If you are an FAC member please click **HERE** to go to the form to update your skills and capabilities – select ONE key capability and

multiple capabilities – **then submit to email FAC with the results.**



There are four exciting new sections:

- Membership
- New Members
- Events
- About FAC

Please click **HERE** for more information



FAC – Progressive Technology Press Release

Progressing with Progressive Technology

Over fifteen months ago no-one could have anticipated the negative and far reaching impact of the global pandemic to the aerospace industry. Commercial aviation, research & development, manufacturing and associated industries suffered one of the largest downturns in economic activity on the planet.

As part of its wider business development strategy, Progressive Technology had begun to raise its profile within the aerospace community by connecting to several regional trade bodies to assist in its aim to become an aerospace manufacturing partner.

Naturally, the FAC being the longest established association in the UK, became a prominent element of Progressive Technology's aerospace outreach; but as the Covid crisis deepened they decided that their aerospace business development would have to take a lower priority until things became a little more normal.

The Farnborough Aerospace Consortium is delighted to announce a resumption of its aerospace business development activities with Progressive Technology.

We look forward to Progressive Technology participating in many future FAC industry events not least of which being the forthcoming 2022 Farnborough International Airshow.

In the meantime, Progressive Technology has maintained a positive vision of the future: its website has undergone a total makeover featuring an embedded virtual factory tour, they've continued to increase their capacity with new machinery, not forgetting some exciting new developments yet to be announced.

Please follow the links <https://progressive-technology.co.uk/> - <https://youtu.be/YG1vyd5Q6Zg> to see how good they really are.

So, if you are looking for a machining partner who's able to offer you fast make complex CNC machining, composite patterns and metal additive manufacturing, please don't hesitate to get in touch. They will be pleased to hear from you.

Chris French-Drayton – Business Development Manager

cfd@progressive-technology.co.uk

Mobile – 07483 417523

Phone 01635 500480

FIGHT OR FLIGHT Webinars 2021

Here at FAC we have tried to support as many companies as we possibly could during this COVID-19 period and one of the ways we supported was by conducting webinars and making them free for all companies in our sector to attend. We feel that now is the right time to start to levy a small charge to those companies that are not members of the FAC. We aim to continue making these **free to members**.

Kim Yeomans
Operations Manager

To register your interest in these FAC events please email [HERE](#)

DATE	TIME	FIGHT OR FLIGHT TITLE	PRESENTER
3 rd August 21	12 noon	Business Survival after lockdown – 2 nd part	360 Business Law
10 th August 21	10am to 11am	Cyber Security	Rina Consulting
25 th August 21	2pm to 3pm	The Ohio Aerospace Institute and FAC Unite to Discuss Aerospace Updates	The Ohio Aerospace Institute and FAC

Webinars held in 2020

The majority of this year's webinars have been recorded. To watch again, click [HERE](#) (scroll to the Webinars 2020 – Watch again section).



360 Business Law - Business Survival after Lockdown – Webinar

Part 2

Part 2 Tuesday 3rd August 2021 at 12pm



Title: "Coming out of Covid - a view from the courts" - Litigation and Employment

Part 2 Tuesday 3rd August 2021 at 12pm

Simon Smith – 360 Law Group - Commercial Litigation Lawyer

Covid 19 has changed the business world in many ways. It often takes a little time for this to be filtered down to changes in the law and the courts but with necessity being the mother of invention, we'll be looking at various ways in which the law has changed to accommodate Covid and how the courts have interpreted that.

- The effect of Covid 19 on commercial contracts and the concept of Force Majeure.
- The Insurance position - Business Interruption and the Supreme Court.
- Commercial landlord and tenant - what action can a landlord take?
- Non payers - what action can you take ?
- The way forward and how to avoid the pitfalls.

Jarred Bold – 360 Law Group - Employment Lawyer

Returning to the Office – key considerations for employers.

- Where to work – considerations for employers on home working and hybrid arrangements.
- The end of furlough – what should I do?
- Restructuring post-covid – important considerations and action points.

To register please click [HERE](#)

This webinar is FREE to all FAC Members. A charge of £25 (+VAT) will be made to non-members* *(if you join within 4 weeks of payment for the webinar this amount will be deducted from your membership fee)



The Ohio Aerospace Institute and FAC Unite to Discuss Aerospace Updates – Webinar

Wednesday, August 25th 2021 at 2pm to 3pm



The Ohio Aerospace Institute and FAC Unite to Discuss Aerospace Updates - Webinar

Wednesday, August 25th 2021 at 2pm to 3pm

The Ohio Aerospace Institute (OAI) and Farnborough Aerospace Consortium (FAC) will present U.S. aerospace strategy to the OAI and FAC network.

OAI will present an overview of the U.S. Aerospace Industry and areas in which the U.S. and U.K. may collaborate.

Hear from industry experts to understand the supply chain, the future of flight and forward-thinking industry milestones.

This event is for Ohio and U.K. companies interested in business collaboration.

To register your interest email rachel.abethell@fac.org.uk

This webinar is FREE to all FAC Members. A charge of £25 (+VAT) will be made to non-members* *(if you join within 4 weeks of payment for the webinar this amount will be deducted from your membership fee)



Programmable Elements and Cyber Security Certification for Remotely Piloted Air Systems



**Tuesday
10th
August
2021
from
10am to
11am**

The first pilotless aircraft was built during World War 1, since then technology advancements, aligning with Moore's Law, have provisioned for a significant increase in the use of Remotely Piloted Air Systems, whether it be for civilian, military or even personal use. Given the popularity of RPAS technology, we at RINA thought that it would be useful to share with you our experiences in RPAS Certification, highlighting the Certification requirements in the military environment, which until recently has led the way for civilian platforms, with a specific focus on Software, Hardware and Cyber Security Airworthiness.

Presented by Daniel Locke who is currently the Principal Cyber Software Consultant for RINA Space & Defence UK. Previous experience includes working for Defence Science Technology Laboratory (Dstl), Defence Equipment & Support (DE&S) and most recently for the Defence Safety Agency (DSA) as the Head of Branch for Cyber Security and Programmable Elements (PE) within the Military Aviation Authority (MAA). The management, leadership and support that Daniel provided in his previous roles, led to a commendation from the Director of Combat Air, Air Vice Marshal Keith Bethell.

From a qualification perspective, Daniel was under scholarship at Cardiff University whilst he read for a degree in Computer Science with Honours and has completed a part time Master of Science in Software and Systems Security at Oxford University. He is also a registered Fellow and Chartered Engineer with the British Computer Society. Daniel, in his limited spare time, provides software SQEP mentorship, is a point of contact for RTCA DO-178 and RTCA DO-254 courses and presents nationally as a software STEM ambassador.

Ultimately, Daniel's passion is technology, from Cyber Security to Software and Hardware Safety. With this passion he hopes to build a greater understanding of PE and most importantly, his aim is to improve acquisition management and support approaches for Safety critical PE in the future.

This webinar is FREE to all FAC Members. A charge of £25 (+VAT) will be made to non-members* *(if you join within 4 weeks of payment for the webinar this amount will be deducted from your membership fee)

To register your interest email rachel.abethell@fac.org.uk

ADVANCED ENGINEERING 2021

The UK's leading annual gathering of OEMs and engineering supply chain professionals

3 & 4 November 2021 | NEC, Birmingham

Advanced Engineering
3 & 4
November
2021

FAC have taken a stand so let us know if you would like to exhibit with us.

Please click [HERE](#) to register your interest in exhibiting with FAC

Visit the future now: new technologies for supply chain continuity and manufacturing competitiveness

Join us in our 12th and most important edition to date, as we invite engineers and management from all advanced manufacturing sectors to network and source innovative new solutions from the engineering supply chains in R&D, design, test & measurement, advanced materials, manufacturing, and production.

As the UK's only event truly able to introduce suppliers and buyers to opportunities in familiar and new sectors, Advanced Engineering provides networking and new business for professionals from OEMs, and all tiers of the supply chain

See more details [HERE](#)



Thursday September 14th, 2021

**The conference exploring and promoting zero carbon business aviation
Business aviation is embracing the environmental challenge**

Despite being responsible for only a fraction of total emissions (estimated 2% of aviation emissions, which in turn represent 2% of global emissions) the business aviation industry recognises that it has an important role to play in addressing valid concerns as to the impact of flying.

Charter is an important sector of business aviation and probably the most visible to the public. [Air Charter Expo \(ACE'21\)](#) is the leading international event for this industry and

Green Charter 2021 will take place during ACE'21 at London Biggin Hill airport on Thursday September 14th, 2021.

Green Charter 2021 will consist of a full day conference programme and exhibits from companies developing electric and hybrid aircraft suitable for business aviation assignments. Also on show will be companies providing technology driven solutions to those wishing to operate their companies in such a way to minimise their environmental footprint. Green Charter 2021 will not only demonstrate how business aviation is reacting to the need for greater awareness, but it will also allow charter companies to increase their knowledge of how they can make a difference at an individual level.

Conference

ACE'21 features an excellent conference programme, addressing key issues affecting charter brokers and companies. Green Charter 2021 will present a range of topics - the aircraft in development, how technology can assist business aviation and how our industry can lead in its public facing activities.

The entire programme will be webcast live so that business aviation professionals worldwide can play an active part in the conference

Exhibits

Exhibitors at Green Charter 2021 will join the 70+ exhibiting companies at ACE'21 who enjoy a full day meeting and networking with Over 1,100 attendees.

Aircraft

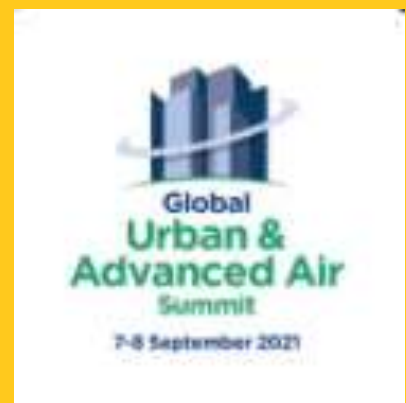
Over 20 of the finest business aircraft at ACE'21 will be joined by example of new aircraft in development, plus technology driven options for business aviation operators, airports and handling companies.

For more information click [HERE](#)



Global Urban Air Summit

On 7-8 September 2021, the Global Urban & Advanced Air Summit (GUAAS) will take off at Farnborough International Exhibition and Conference Centre.



It is the only event in the UK for the industry to demonstrate interactive equipment. GUAAS will once again deliver a world-leading industry platform, packed with high quality relevant content, speakers and key OEM brands. GUAAS is an opportunity to discover the latest technology, challenges, and innovation that will bring next-generation flight to life. For 2021, the Summit is expanding its focus to highlight the application of Advanced Air Mobility (AAM) in Rural, Regional and Urban centres, with a range of show features to showcase the developments, challenges and innovations shaping the future of flight.

Click [HERE](#) to register your interest

MRO EUROPE 2021

The RAI, Amsterdam, October 20-21

EASA SERVICES ZONE

Manufacturing, Design, CAMO & Maintenance Training



After a 2 year absence, MRO EUROPE will return as a live show in Amsterdam on October 20-21 with premium conference content from top airline and industry leaders and 300 confirmed exhibitors all anxious to meet with attendees.

A main feature in the exhibition hall will be the EASA SERVICES ZONE, a meeting place for buyers and providers of specialist EASA services including:

- Part 21G Manufacture
- Part 21J Design
- Part M CAMO
- Part 147 Maintenance Training

The EASA SERVICES ZONE is located in Hall 5 opposite the busy Go-Live Theatre and Lounge area. The zone will accommodate up to 20 Exhibitor Kiosks and at just US\$3605, a kiosk is a cost-effective way to stake you place in the show, meet customers and generate sales leads.

EXHIBITOR KIOSK PACKAGE: US\$3605

Desk, lockable cabinet, stool, carpet and electrical socket

Graphics Panel with company name and logo. You supply materials and we print.

Exhibitor Listing

EASA Services Zone promoted on MRO Europe website under Featured Events

Reservation Deadline - September 1

[General Information](#)

[Conference Agenda](#)

[Go Live Theatre Schedule & Speakers](#)

[Exhibitor List](#)

[Floor Plan](#)

To reserve your place in the EASA SERVICES ZONE, contact:

Mike Elmes

Sales Director, Aviation Week MRO Events

mike.elmes@aerospacemedia.co.uk

Matt Elmes

Sales Assistant, Aviation Week MRO Events

matthew.elmes@aerospacemedia.co.uk



Southern Manufacturing and Electronics exhibition 6th and 7th October 2021

Following consultation with Farnborough International Exhibition & Conference centre and their welcomed assistance and understanding, we are pleased to announce that the Southern Manufacturing and Electronics exhibition is now rescheduled to take place as a two day autumn special on 6th and 7th October 2021 and will return to its usual position in the calendar in 2022 on 8th, 9th, and 10th February.

We believe this decision will enable the market as a whole to benefit under more favourable economic and social circumstances

For ALL the information click [HERE](#)

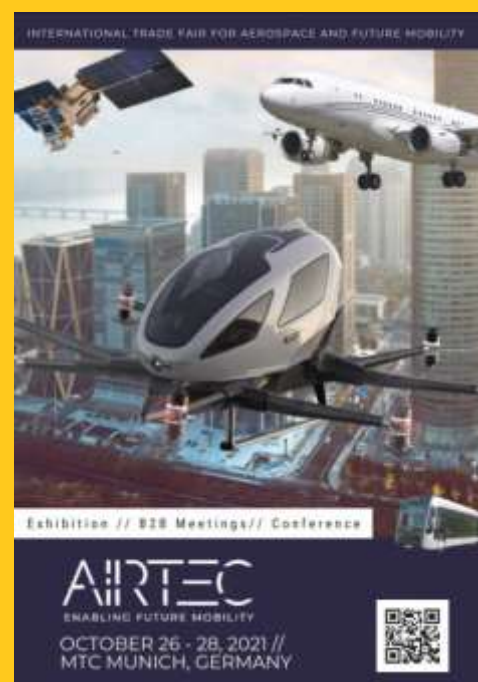


Airtec 21 - Enabling Future Mobility

**26th - 28th October 21
MTC Munich Germany**

FAC is keen to understand the levels of interest amongst our members so if you are interested in this event please contact [FAC HERE](#)

For more information click [HERE](#)



New Dates: 14 – 16 September 2021 – NEC, Birmingham
The UK's Premier subcontract manufacturing supply chain show.

Subcon is the must-attend event for subcontract manufacturing professionals across all industry sectors, looking to source suppliers, benchmark capabilities and secure the right partners to help them remain competitive in a global market. Register your interest [HERE](#)



UKRI's net zero webinar series

UKRI has announced a webinar series focused on how innovation, collaboration and engagement will come together to help the UK reach net zero by 2050. **Click [HERE](#) for all the information**



MRO EUROPE 2021 OCTOBER 19-21, 2021 RAI AMSTERDAM

HALLS 1&5. [MRO EUROPE](#) is back. The 22nd edition will open its doors in Amsterdam so that Europe's aviation MRO community can meet **face-to-face** for the first time in 2 years. **Click [HERE](#) for all**

the information



Airlines 2021: Rebuilding the UK's role in global aviation.

Join us on Monday 22 November 2021 in central London. Airlines 2021 will bring together leading industry and government figures to address the extreme issues, challenges and solutions for the airline sector in a Covid-impacted world. **Click [HERE](#) to book your place.**

VERICUT Version 9.2 – Increase Productivity and Sustainability

About CGTech

CGTech's VERICUT® software is the standard for CNC simulation, verification, optimisation, analysis, and additive manufacturing. CGTech also offers programming and simulation software for composites automated fibre-placement, tape-laying, and drilling/fastening CNC machines. VERICUT software is used by companies of different sizes in all industries. Established in 1988, and headquartered in Irvine, California; CGTech has an extensive network of offices and resellers throughout the world. For more information, visit the CGTech website at www.cgtech.co.uk, call +44 (0)1273 773538, or email info.uk@cgtech.com.

CGTech is pleased to announce the latest release of VERICUT software, Version 9.2. VERICUT CNC machine simulation, verification, and optimization software simulates all types of CNC machining, additive, and hybrid manufacturing processes. The software operates independently but can also be integrated with leading CAM systems.



VERICUT 9.2 increases productivity and sustainability with several new features that boost manufacturing efficiency, help preserve machines and cutting tools, increase machine capacity and dramatically reduce repair & scrap costs. Substantial speed increases to collision checking and overall performance, a New 3DLive™ interface, improved cutting tool support, and reporting enhancements are just a few of the notable features in this latest release. Hundreds of customer-driven improvements and software requests were also incorporated in this latest version.

"VERICUT has been designed to meet the needs of all types of shops – from small job shops to OEMs and Tier 1 suppliers that are regularly pushing the limits of CNC technology. The enhancements in version 9.2 provide the speed that shops of all sizes need to produce more efficient programs faster and get their products to market more quickly and competitively, while promoting conservation of valuable material and human resources," says VERICUT Product Manager, Gene Granata.

CGTech's integrated simulation-optimization solution, VERICUT Force, also benefits from these latest enhancements. Force drastically reduces machining times extends tool life up to 2x or more, prevents undesirable cutting conditions and improves part quality. VERICUT 9.2 provides Force optimization users with more options for setting and adjusting optimization limits, more comprehensive tooling data and greater customization options for Graphs and Reports.

To see the full press release click [HERE](#)

Recover and Rebuild

Keep your business alive and create a plan for recovery with 1-1 expert support

The impacts of both COVID-19 and Brexit have presented significant challenges for many businesses across the Solent.

This programme of support is to provide expert advice and support to get you through the coming months and years, build future resilience and start to lay the foundations for future growth.

Sign up [HERE](#)

Get more information [HERE](#)

Potential Exporters

Maximise your export potential with expert 1-1 support

Brexit has changed the way in which businesses think about importing and exporting both across the EU and to the rest of the world. You may already have international demand for your product or service, or perhaps you haven't explored the possibilities yet.

Through our Potential Exporters programme, we will provide the expertise to help you explore the possibilities or trading outside of the UK and develop a trade plan, which may require you to modify products and services for different markets.

Sign up [HERE](#)

Get more information [HERE](#)

Digital Accelerator

Transform your digital presence with 1-1 expert support

It is essential for businesses to embrace digital technologies in order to grow and be competitive in the modern world. From new ways of working and adopting new digitised processes, to engaging with customers using digital platforms, restrictions and changes in customer behaviours have triggered a digital surge amongst the business community.

Therefore, the Digital Accelerator Programme will support you in integrating "digital" throughout your business model.

Sign up [HERE](#)

Get more information [HERE](#)



Please see below a list of all the new and current funding opportunities available to you on behalf of Innovate UK.

Please check individual competition dates as they may have been extended.

[Driving the electric revolution: building talent for the future](#)

UK registered organisations can apply for a share of up to £250,000 for innovative skills, talent, and training projects for the power electronics, machines and drives (PEMD) industry.

[FIND OUT MORE AND APPLY >](#)

[Analysis for Innovators \(A4I\) Round 6](#)

UK registered businesses can apply for a share of up to £3 million to resolve productivity issues by working with the best scientists and research facilities.

[FIND OUT MORE AND APPLY >](#)

[Expression of interest: automotive transformation fund round 13](#)

Registered businesses can apply for a share of up to £1 billion for capital centric investment projects that help industrialise the electrified automotive supply chain at scale in the UK.

[FIND OUT MORE AND APPLY >](#)



**Aviation Skills Retention Platform
Supporting jobs and skills in the
Aviation Sector**



The Aviation Skills Retention Platform (ASRP) has been created to support skills retention within the UK Aviation industry. It is designed to help talented individuals showcase their experience and expertise while helping businesses find the skills they need.

ASRP provides direct support for both redeployment and recruitment activities, together with a framework for wider skills retention and development programmes across the aviation sector.

The vision for this initiative is to support the retention of people and skills as well as providing a platform that aligns as a wider strategic solution for the recovery of the aviation industry and its development needs.

ASRP is a not for profit programme using the TRS platform and is supported by the Department for Transport, business associations, member companies, professional institutions, unions and other stakeholder organisations.

Companies interested in recruiting candidates can contact them directly through the platform and also upload any job vacancies they wish to promote.

For individuals, the ASRP provides a tailored portal through which candidates can register their personal profile and CV and search for vacancies in aviation and across other key sectors.

Click [HERE](#) for all the information

Click [HERE](#) for a handy booklet



EM3's Space Industry calls on UK Government to place more space contracts with UK companies

Senior representatives from 11 EM3-based space companies have asked the UK Government to send out a clear message of confidence in the sector by placing contracts with UK space companies.

The space and satellite business leaders met with the government's Science Minister, Amanda Solloway MP, at a virtual roundtable convened by the Enterprise M3 Local Enterprise Partnership.

The Minister emphasised the government's commitment to the space industry with a new space strategy to be launched soon, and a vision to create the most innovative and attractive space economy in the world.

Executives from both large and small companies attended, representing the diverse strength of the EM3 upstream and downstream space sector.

The importance of government investment and procuring services from companies working in the UK was highlighted as a key issue, particularly in the fight against climate change. Businesses also raised skills supply and inspiring youngsters to take up a career in space was also raised as a challenge for a sector, which is often perceived as highly specialised.

The Minister assured the group that she has regular meetings with education colleagues and highlighted how crucial it is to attract people to re-skill to join the space industry. She commented that the space sector was "important and inspiring" and "at the heart of efforts to tackle climate change".

Read more [HERE](#)



Working for our members

ADS launches Advanced Air Mobility (AAM) Market Outlook

Posted on June 28, 2021 by [Karun Harrar](#)

Advanced Air Mobility is an exciting and fast-growing sector. New technologies will be vital in establishing distributed aviation within the transport mix and many will scale up to become solutions in broader sustainable aviation systems.

The Advanced Air Mobility Market Outlook offers an insight into the opportunities within this market segment. Commissioned by the [ADS Advanced Air Mobility \(AAM\) Group](#), the purpose of the report is to:

- Provide an underpinning baseline for companies to build their own specific business cases and for all investment cases
- Offer essential input to future work of the ADS AAM Group that will identify UK opportunity when combined with UK Value chain and capability data from a separate source to
- Identify where the real business opportunities are in the AAM value chain
- Point to areas of UK capability requiring development, based on current strengths and future AAM capability requirements as driven by the market

The report covers disruptive electric, hybrid-electric and hydrogen powered VTOL (Vertical Take-Off and Landing), STOL (Short Take-Off and Landing) and CTOL (Conventional Take-Off and Landing) passenger air vehicles for intra-city, inter-city, personal and emergency/parapublic transport.

A forecast reaching \$510bn by 2040 is offered but the wide range of public forecasts is included so that they can be taken into account.

Funding came from the DIT, ATI and UKRI and prepared by market experts, Achieving the Difference.

Please click [HERE](#) for the full article

Credit:

- Achieving the Difference for the production
- DIT, UKRI and ATI for sponsoring the paper.
- ADS for facilitating its creation.

Grow your own talent



UTC Reading is calling for local employers in the digital, science and technology field to work with us to bring industry knowledge into the classrooms and get our teachers into industry, and in turn get themselves 'first dibs' on some of the most sought-after young talent in the Thames Valley.

Employers who work with the students in our schools have a unique opportunity to help shape the curriculum to bridge the skills gap, especially in STEM (Science, Technology, Engineering, and Mathematics) industries, in Berkshire. Those employers are directly responsible for training the next generation in the skills they need in their sector.

And because they've created trusted relationships with the students, employers who have worked in ALET (The Activate Learning Education Trust) schools find they have a ready pool of talent wanting to work for them with the skills they need, because they themselves helped the students to develop those skills.

UTC Reading already works with some of the world's biggest companies, including Microsoft and Cisco, but wants to offer small and medium-sized employers the chance to snap up the best talent in Berkshire by working with UTC Reading now in its Industry Specialist Teaching and Knowledge Exchange Programme.

Working alongside the wider Activate Learning group, along with Newbury College and Windsor Forest Colleges Group, and backed by the European Social Fund, this initiative supports regional development for businesses over the next three years, by developing a suite of solutions addressing the existing gap between curriculum design and industry requirements.

Jane Fitzpatrick, project co-ordinator for ALET's UTC Reading, which specialises in computer science and engineering, explains how beneficial the partnership between schools and employers are.

"ALET gives employers the opportunity to have a meaningful and profound impact on the next generation, by providing inspirational guidance, technical input and by sharing their knowledge of innovations in our economy.



"As well as this, working alongside our talented students gives employers access to a pipeline of skills that is unique to the industry-led education that University Technical Colleges (UTCs) offer.

"Students leaving a UTC in Year 11 are around two years above students from mainstream schools in terms of digital and engineering," explains Jane. "They have been learning in real workplaces and working on industry-standard equipment. So, for employers looking to recruit, the bar here is a lot higher.

"We would like employers to impart their industry knowledge in the classroom, not necessarily to teach, but to contextualise learning, deliver projects, masterclasses or live or old briefs with our support, and invite teachers into the workplace to help them better understand industry and skills needs in the local economy.

"It is a unique opportunity to shape the curriculum and to shape future talent."

If you are a small to medium sized company based in Berkshire interested in finding out more about investing in young talent, please email Jane Fitzpatrick on Jane.Fitzpatrick@alet.org.uk

To find out more about Activate Education Learning Trust and our unique learning philosophy, please visit www.alet.org



Team Leading & Lecturing Positions Available



FAC Member Farnborough College of Technology is seeking aircraft maintenance engineers for Team Leading and Lecturing positions.

The College has a history of employing professionals who wish to have the best of both worlds, i.e., maintain fractional roles in industry and education. Consequently, both full and part time lecturers will be considered – for practical as well as theory.

As well as your aircraft maintenance experience, the reward of teaching and giving back to the aero industry by upskilling the next generation will be key motivators.

Expressions of Interest can be sent to Matthew (m.wilkie@farn-ct.ac.uk)

fac

South East Aerospace

Please send in your latest news/events/product launch updates to rachel.abethell@fac.org.uk and we can add you to the next edition.

FAC MEMBERS FIGHTING AGAINST COVID-19

If your company is doing something to help with the COVID-19 Outbreak and you want help or just to let people know about it, please send information to us so we can include your information in our news updates and newsletters.

Please email them [HERE](#)



If you want to tell other FAC members about your company or news please contact FAC [HERE](#).

We can include your information in our monthly edition of InterFACE.

If you wish to read all the COVID Updates, please click [HERE](#)

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