

Global Technology Centre Launch Conference



Dave Harvey

Dave Harvey is the BBC's Business Correspondent in the West, reporting for BBC Points West, the BBC News Channel and bbc.co.uk/news.

Asked what topics come up most often in his brief, he'll often reply "Aircraft and Cider – the

west country's two gifts to the world." With GKN, Airbus and Rolls Royce on his doorstep, not to mention helicopters down in Yeovil, an aerospace story is never far from the news agenda here. Before the pandemic Dave's job took him to the 2019 Paris Airshow, to see many of the alternative fuels and aircraft designs emerging for the post-kerosene world.



David Paja

Chief Executive Officer
GKN Aerospace

Appointment
Joined GKN Aerospace as CEO in August 2021

Experience

David is Chief Executive Officer of GKN Aerospace. He has extensive technology, innovation and operational experience in industrial and automotive markets. David joined GKN

Aerospace from Aptiv where he was President of the Advanced Safety & User Experience business, a leader in driver assistance solutions and vehicle electronics with \$4B+ sales. Prior to that David spent 14 years with Honeywell, where his last role was President of the global \$5B Security & Fire business. He started his career with Valeo where he served in different operational and business roles.

David has lived in Europe, North America and Asia. He holds a degree in Mechanical Engineering and an MBA from Insead.



Trevor Higgs, MSc CEng FRAeS

Trevor Higgs is a senior Airbus executive with over 30 years' experience in the Aerospace and Defence industry. He has an MSc in Design Engineering

from Warwick University. Trevor is a Chartered Engineer, a Fellow of the Royal Aeronautical Society and a member of the Council.

With knowledge gained within civil and military programmes, Trevor has experience of successful

International management, integration, and development of risk sharing suppliers through design and build across Asia, USA and Europe, most recently on A350 program.

His current portfolio covers General Manager, UK & Filton site, Head of Landing Gear CoC and Engineering Senior Site Representative UK.

Trevor is married with two children and is an avid supporter of the Welsh rugby team.



Emma Gilthorpe

Emma was appointed CEO of the UK's Jet Zero Council in March 2021, by the Secretaries of State for Transport and Business.

The Jet Zero Council is the only forum in the UK that brings together

all aspects of the aviation value chain and Government. The Council, made up of over 50 leaders across aviation, aerospace, Government and academia, has an absolute focus on decarbonising aviation in line with the UK's commitment to Net Zero carbon emissions by 2050 and specifically, aims

to achieve transatlantic flight in a generation, without harm to the environment. It does this through two primary strategies – zero emission flight in the longer term and Sustainable Aviation Fuel production and use in the shorter term – both underpinned by a 2 year roadmap.

Emma also has an executive role as Chief Operating Officer for Heathrow, where she has worked since 2009, leading a variety of teams across Strategy, Regulation, Planning, Sustainability and Capital Project delivery. Amongst other things, she led the strategy that underpinned Heathrow 2.0: a plan for sustainable growth, which fundamentally repositioned the airport's environmental and sustainability ambition.



Russ Dunn

Chief Technology Officer + Head of Strategy (CTO)

Appointment
Appointed to Aerospace Executive Committee December 2014.

the role of Senior Vice President Engineering & Technology in December 2014. Prior to joining GKN, he spent 17 years at Airbus in a variety of technical leadership roles most recently VP Head of A350 XWB Wing Engineering responsible for wing structures, movables and systems installation for all A350 XWB derivatives. For the A350 XWB-900, he led the development from early concept development through detailed design, manufacture and assembly through to successful flight test. He has a BEng in Aeronautical Engineering and German from Bath University.

Experience
Joined GKN in 2013 as VP Chief Engineering and assumed



Stephen Fitzpatrick

Cleantech entrepreneur Stephen Fitzpatrick founded Vertical Aerospace in 2016, an electric aircraft company which is pioneering electric aviations. The Bristol, UK-based company has partnered with Microsoft, Rolls-Royce, Honeywell,

GKN and Solvay to build one of the world's most advanced electric VTOLs (vertical take-off and landing). Its VA-X4 aircraft

will be capable of speeds of 200mph, a range of over 100miles, near silent when in flight and with zero operating emissions. Vertical has 1,350 conditional pre-orders of its aircraft for \$5.4bn from the likes of American Airlines, Virgin Atlantic, Avolon and Bristow. The VA-X4 will be delivered to its customers, after certification, in 2024.

Stephen is also the founder of OVO Energy, the UK's largest independent energy company supplying British homes with 100% renewable energy. OVO hopes to decarbonise 5m British homes by 2030.



Paul Stein

Chief Technology Officer
Rolls Royce

Paul Stein was appointed to the Rolls-Royce Executive Leadership Team as Chief Technology Officer in April 2017 to be accountable for

the company's technology investment and for ensuring close alignment with business strategy to maintain a competitive edge.

Prior to that, Paul was Research & Technology Director accountable for the company's global investment in R&T, as well as fostering innovation and promoting and sustaining specialist engineering talent.

He joined Rolls-Royce in 2010 as the Chief Scientific Officer and for two years concurrently acted as the Engineering and Technology Director for the Company's Nuclear business.

Paul was Director General, Science and Technology, at the UK Ministry of Defence immediately prior to joining Rolls-Royce. Prior to that, he was Managing Director of Roke Manor Research which was then owned by Siemens, and in 2003 was appointed to the Siemens UK Executive Management Board, leading technology and contributing to business strategy.

Paul holds an Electrical and Electronic Engineering degree from King's College, London. He is a Fellow of the Royal Academy of Engineering, the Royal Aeronautical Society and the Institution of Engineering and Technology.



Simon Weeks

CTO, Aerospace Technology Institute

Simon was appointed Chief Technology Officer in September 2014, assuming responsibility for the ATI's technology direction.

Simon is a key influencer in the UK's

technology strategy and provides thought leadership for the ATI's technical content output. Simon's professional career, of which over half has been in research and technology, has equipped him with a global network of contacts within industry, government and academia. This helps to ensure that the ATI remains at the forefront of setting the UK's technology strategy for aerospace.

Prior to joining the ATI Simon spent most of his professional

career in Rolls-Royce, most recently as Head of Aerospace Research & Technology, leading the global research and technology programme for future jet engines for Rolls-Royce. Before this Simon held a number of other senior technical leadership roles including Director of Engineering Operations for Aero Engine Controls (a RR-Goodrich joint venture) and Technical Director for Eurojet in Munich (leading the development of the EJ200 engine for the Eurofighter Typhoon aircraft). Seeing (and hearing) the Typhoon fly with those engines is still one of his career highlights.

Simon is a chartered engineer and a Fellow of the Royal Aeronautical Society. He gained a MA in Chemistry and a DPhil in the Electro-Chemistry of Fuel Cells at the University of Oxford, where he is now a Visiting Professor in Engineering Science.



Bertrand Piccard

Combining innovation and exploration to tackle the great challenges of our time

It is in Bertrand Piccard's DNA to go beyond the obvious and achieve the impossible. From a legendary lineage

of explorers who conquered the stratosphere and the abysses, he made history by accomplishing two aeronautical firsts, around the world non-stop in a balloon, and more recently in a solar plane without fuel. Pioneer in his way to consider ecology through the lens of profitability, he began working in the early 2000s to promote renewable energies and clean

technologies. His dual identity as a psychiatrist and explorer makes him an influential voice heard by the largest institutions which today consider him as a forward-thinking leader on the themes of innovation and sustainability. Founder and Chairman of the Solar Impulse Foundation, he has succeeded in his mission to select 1000 efficient solutions to protect the environment in a profitable way. In a third round the world tour, he will bring them to decision-makers in order to help them meet their environmental targets while ensuring clean economic growth.

Bertrand Piccard is now United Nations Goodwill Ambassador for the Environment and Special Advisor to the European Commission.



Emma Stubbs

Emma Stubbs graduated from the University of Leeds with a Master's degree in Aeronautical and Aerospace engineering before joining GKN Aerospace on their graduate scheme. After trying a variety of roles over the graduate scheme period,

she went on to spend time as a Manufacturing Engineer at GKN Aerospace Luton. More recently, she has been seconded

to FlyZero, an ATI project aiming to realise zero-carbon emission commercial aviation by 2030. She is passionate about employee engagement, Equality, Diversity, and Inclusion, and enjoys taking part in STEM outreach to encourage a more diverse next generation of engineers into the aerospace industry.

Outside of work Emma enjoys spending time outdoors, riding horses, and spending time with her Dobermann puppy.



Nick Goss

Nick Goss is a Technology Project Manager for GKN Aerospace.

A self-confessed plane enthusiast, Nick joined GKN Filton in September 2013 as an Engineering apprentice. Having always dreamt of a career in aerospace, the apprenticeship gave

him an ideal opportunity to "earn while he learnt", gaining both experience and further education.

After completing the four-year scheme, and having gained a variety of experience across business functions, Nick joined the Filton Technology team looking at the development and implementation of new inspection capabilities in the Filton components business.

Soon after, he took on a secondment supporting the Skills Working Group of the Aerospace Growth Partnership (AGP). This exposed him to the wider aerospace industry, and highlighted the importance of industry working alongside Government. Having spent a year on this secondment, he spent a further year supporting the AGP Board, helping to launch the Aerospace Sector Deal and Women in Aviation and Aerospace Charter.

Returning to the business, Nick became the lead project design engineer on a military land vehicle fuel tank out of the GKN Aerospace Portsmouth site, before taking on his current role overseeing the coordination of hydrogen storage tank activity within the longer term, Horizon 3 team.



Dame Judith Hackett

Chair, Make UK

Judith joined the Supervisory Board of the HVM Catapult in January 2014. She is a chemical engineer and worked in chemicals manufacturing industry for more than 25 years. She

also has extensive experience of interacting with Government. She was Director General of the Chemical Industries Association for several years making the case for the UK chemicals industry with passion based on personal experience

and then moved to Brussels to bring that same passion to representing all of Europe's chemical industry. Judith spent 9+ years as Chair of the Health and Safety Executive and is also a non-Executive Director of HS2. She is a Fellow of the Royal Academy of Engineering and the Institution of Chemical Engineers, a trustee of the former and former President of the latter. Judith is currently Chair of MAKE UK (formerly EEF) and Enginuity (formerly Semta). Judith received the First Women Award for her dedication to manufacturing in 2013. She is the Senior Independent director on our Supervisory Board.



Gordon Pitman

Chief Human Resources Officer, (CHRO), GKN Aerospace

Joined GKN Aerospace as SVP Human Resources in May 2016. Gordon heads up the Global HR function with a key focus on

maintaining the growth of the business in line with core

strategic objectives. Prior to joining GKN Aerospace, Gordon worked for AkzoNobel in a number of specialism and generalist HR roles. Prior to AkzoNobel Gordon spent over 15 years in FMCG (TK Maxx, Comet plc and Safeway Stores) leading and implementing strategic HR activities and processes in a global arena. Gordon has lived and worked across Europe and North America and holds a Masters degree in Occupational Psychology.



Dr Paul Phillips CBE Ph.D D.Litt Ed.D

Principal and Chief Executive, Weston College

Dr Paul has overseen a dramatic transformation at Weston College since being appointed Principal in 2001.

He has driven the College from below-average academic results and a poor financial standing to Ofsted Outstanding status and a national reputation for excellence. Under his leadership, the College has won a wealth of prestigious awards, including TES College of the Year and Overall FE Provider of the Year numerous Association of Colleges Beacon Awards and the Queen's Anniversary Prize for Higher and Further Education in 2018.

Dr Paul has experience in industry and all fields of education, including university, secondary and further. His work in Further Education has spanned over thirty years and he has a wealth of experience and a history of academic excellence in maths, economics, law and statistics. This is complemented by his work as a NLFE for the Government alongside inspection experience in both England and Wales.

His responsibilities for the Weston College Group include the overall management of the College and the strategic direction of the organisation, which has seen its annual turnover increase from £9 million in 2001 to more than £60 million. The Group is now spread across five key sites, including a University Centre – one of the first of its kind in the UK, the latest edition of which is a flagship Institute of Technology for the West of England.



Dr Lisa Brodie

Lisa is Head of Department: Engineering Design and Mathematics at the University of the West of England, Bristol (UWE). She is a Chartered Engineer, Member of the Institution of Engineering and Technology, Senior Fellow of the

Higher Education Academy and Board Member of the Engineering Professors Council (EPC). In addition to her academic career, Lisa has more than fifteen years' experience in industry, working in a variety of industrial sectors and roles, including five years as a Senior Consultant in the Aerospace sector. As a board member of the EPC she has the opportunity to shape the future of engineering education.



John Pritchard

Appointment
Appointed to Aerospace Executive Committee January 2015.

Experience
John was appointed President of the Civil Aerospace Business in January

2020.

Since joining GKN in 1998 John has held a number of positions internationally throughout the business, including roles across

Commercial, Operations and General Management functions. Prior to joining GKN Aerospace John worked in the Oil and Gas Sector. He has a BA Honours degree in Business Studies from the University of Wales, and holds a private pilot's licence. John is also a Board Member of the Aerospace Growth Partnership in the UK and Chairman of the ADS Civil Air Transport Board.

He is married with three children and lives in The Hague.