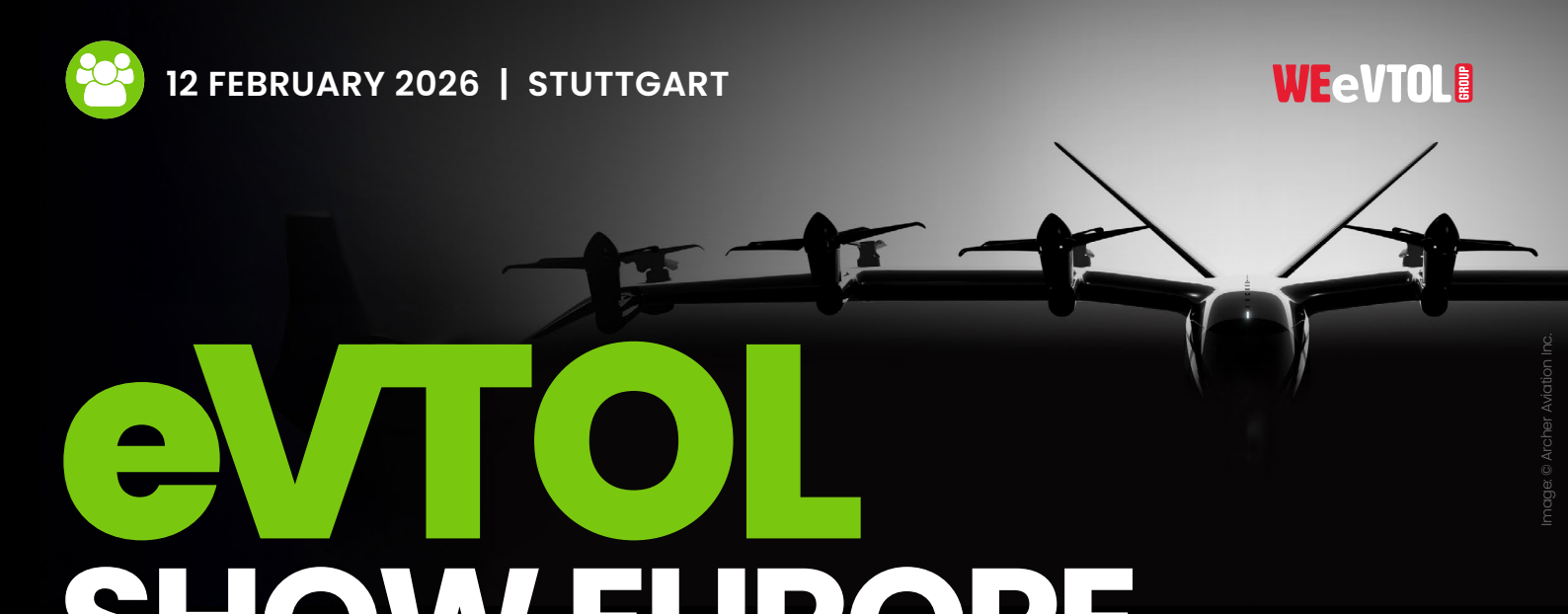
12 FEBRUARY 2026 | STUTTGART

WEeVTOL GROUP



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eVTOL SHOW EUROPE

POWERING THE FUTURE OF URBAN FLIGHT

- LIGHTWEIGHT MATERIALS
- MANUFACTURING
- BATTERY THERMAL MANAGEMENT
- AVIONICS
- BATTERY SYSTEMS & TECHNOLOGY
- CHARGING INFRASTRUCTURE
- VERTIPORT
- SAFETY CERTIFICATION

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1 DAY	40+	60+	400+
TECHNICAL AGENDA	EXPERT SPEAKERS	EXHIBIT SHOWCASES	GLOBAL ATTENDEES

WELCOME TO THE EVTOL SHOW EUROPE 2026

EUROPE's PREMIER TECHNICAL GATHERING OF eVTOL INDUSTRY LEADERS, INNOVATORS AND ENGINEERS

JOIN 400+ eVTOL PROFESSIONALS

The eVTOL SHOW EUROPE equips manufacturers and their suppliers with the cutting-edge tools, technologies, and connections needed to accelerate commercial roll-out. Explore advanced materials, innovative systems, and state-of-the-art processes that provide powerful manufacturing advantages and operational insights. Gain a competitive edge and ensure your operations thrive in an evolving, digitally intelligent landscape. Join us to discover the future of eVTOL manufacturing and drive the industry forward.

1-DAY, TECHNICAL AGENDA

The global eVTOL manufacturing landscape is undergoing rapid transformation, and the industry needs ingenuity, collaboration and innovation to scale-up and roll-out. With an interactive technology showcase, thought-provoking presentations, and strategic networking sessions, the eVTOL SHOW EUROPE empowers manufacturing leaders and their suppliers to navigate this evolution and address shared challenges to drive long-term growth.

40+ INDUSTRY EXPERT SPEAKERS

Do you have ground-breaking insights and innovative solutions in the eVTOL industry? We invite you to join our line-up of 40+ expert speakers at this year's eVTOL Smart Manufacturing Europe Summit. Submit your presentation and become a part of our thought leadership community, where you can share your knowledge, engage with industry leaders, and drive the future of aerospace manufacturing.

Don't miss this opportunity to showcase your expertise and contribute to the conversation on the latest advancements and trends in eVTOL technology. Submit your presentation today and help shape the future of the industry!

60+ EXHIBITOR SHOWCASE

Seize the opportunity to sponsor and exhibit at the eVTOL SHOW EUROPE 2026 and position your company at the forefront of the aerospace industry. Our Technology Showcase offers unparalleled visibility and access to key decision-makers, industry leaders, and potential clients.

By sponsoring or exhibiting, you can demonstrate your innovative solutions, connect with top-tier professionals, and drive your business forward. Highlight your cutting-edge technologies and establish your brand as a leader in the rapidly evolving eVTOL sector.

SHAPING THE FUTURE OF THE EVTOL LANDSCAPE

Join Europe's premier assembly of eVTOL designers, engineers, and senior executives as we concentrate on scaling up eVTOL production at the continent's largest technical conference and exhibition for eVTOL professionals. This distinguished event will feature a series of in-depth case study presentations, interactive panel discussions, and exclusive networking opportunities, providing a unique platform for industry experts to collaborate and innovate.

CONFERENCE TOPICS

eVTOL Market And Value Chain

The eVTOL industry is rapidly developing, and understanding its value chain and key use cases is crucial for stakeholders. This topic explores the entire value chain of eVTOLs, from design and manufacturing to deployment and operation. It includes an in-depth analysis of market trends, key developments, and the challenges of building and running the necessary ground infrastructure, including overcoming the "Not In My Backyard" syndrome.

Automation And Digital Manufacturing

Automation and digital processes are transforming eVTOL manufacturing. This topic focuses on the need for advanced, automated, and digital manufacturing processes, managing the extensive use of automation, and adopting the latest tools and processes in production. It also examines the influence of automotive industry practices and biomimicry in cabin design.

Environmental And Operational Sustainability

Achieving environmental sustainability is a key goal for the eVTOL sector. This topic explores how to design eVTOLs to meet environmental sustainability requirements, noise and vibration mitigation strategies, and learning from experiences in the EV and grid storage spaces. It also addresses managing lifecycle challenges in battery technology and ensuring sustainable operations.

Airspace And Traffic Management

Effective airspace management is essential for the successful integration of eVTOLs into urban environments. This topic addresses how eVTOLs will be handled in the airspace, including the creation of a new low altitude air traffic management system.
It also explores the incorporation of multiprotocol label switching for faster connections and the potential necessity of IFR for short flights, along with the challenges of establishing rooftop vertiports.

Advanced Propulsion Systems

Innovation in propulsion systems is critical for the performance and efficiency of eVTOLs. This topic delves into the latest advancements in electric propulsion technologies, hybrid systems, and new materials that enhance propulsion efficiency. It also examines the challenges of thermal management and noise reduction in propulsion systems

Certification And Safety

Navigating the certification process and ensuring safety is paramount in the Evtol industry. This topic covers the certification process and handling of safety concerns, including coordination with the FAA and EASA, the use of performance-based requirements, and overcoming differences in certification standards. It also examines compliance with RTCA DO-311, SAE AIR6897, and FAA AC 20-184, as well as approaches to managing thermal runaway risks in lithium-based chemistries.

Infrastructure Development And Urban Integration

The successful deployment of eVTOLs requires extensive infrastructure planning and development. This topic explores the challenges and solutions related to urban integration, including the development of vertiports, ground infrastructure, and charging stations. It also covers regulatory and zoning issues, and strategies for ensuring community acceptance.

Pilot Training And Simulation

Training pilots for eVTOL operations is essential for safety and efficiency. This topic covers simulation for eVTOL pilot training, including the use of full-motion flight simulators and mixed-reality simulators. It emphasizes the importance of advanced training tools and techniques to prepare pilots for the unique challenges of operating eVTOL aircraft.

Autonomous Flight And Control Systems

Autonomous flight technology is a game-changer for the eVTOL industry. This topic covers the development and implementation of autonomous flight and control systems, including AI and machine learning applications, sensor technologies, and redundancy systems to ensure safety. It also discusses the regulatory and ethical considerations of autonomous flight.

Design And Production Systems

Designing and finalizing prototypes while building robust production systems is a critical phase for eVTOL manufacturers. This topic delves into finalizing and freezing designs to build conforming prototypes and focuses on building out efficient production systems.
It also covers advanced modeling and simulation, overcoming manufacturing and supply chain challenges, and ensuring structural integrity with composites and thermoplastic resin systems.

Data Management And Cybersecurity

Managing data and ensuring cybersecurity are major concerns for the eVTOL industry. This topic covers data management strategies, cybersecurity protocols, and the importance of protecting sensitive information. It also explores the role of blockchain and other advanced technologies in enhancing data security.

Interior Design, Materials, And Haptics In eVTOLs

The interior design of eVTOLs plays a crucial role in passenger comfort, safety, and overall experience. As the industry evolves, there is a growing focus on utilizing advanced materials and haptic technologies to create a sophisticated and immersive environment within the cabin. This topic explores the latest trends and innovations in eVTOL interior design, the use of cutting-edge materials, and the integration of haptic feedback systems to enhance the passenger experience.

Regulatory Landscape And Policy Development

Navigating the regulatory landscape is a significant challenge for the eVTOL industry. This topic covers the current state of regulations, the role of international aviation authorities, and the development of policies that facilitate the safe and efficient operation of eVTOLs. It also explores the impact of emerging regulations on the industry and strategies for compliance.

Battery Technology And Energy Management

Battery technology is a cornerstone of eVTOL performance and efficiency. This topic addresses managing battery recharging times, increasing range, and shortening turnaround times. It explores the challenges of using off-the-shelf EV batteries, developing batteries tailored to eVTOL needs, and overcoming issues related to cycle life, energy density, and feasibility. Additionally, it includes discussions on solid-state batteries, sodium-ion batteries, hydrogen fuel cells, and managing temperature parameters.

AGENDA 2026

12 FEBRUARY 2026 | EUROPE
STUTTGART, DE

08:00

Chair's Opening Remarks

08:20 VOLOCOPTER

Volocopter's Roadmap to Certification: From Flight Trials to Type Certificate

David Bausek, *CTO,* ***Volocopter***

- Sequencing DOA/POA, conformity, and compliance artifacts on a clear path to Type Certificate
- Applying SC-VTOL and evolving MOCs across handling qualities, lightning/HIRF, crashworthiness, and propulsion batteries
- Converting flight-test and city-trial results into cert-grade evidence and risk retirement
- Building the propulsion/energy safety case: TR detection & containment, HV protection, EMC/EMI robustness
- Production readiness as a cert lever: supplier qualification, serial build, and inspection regimes
- Operational integration workstreams: U-space/UTM procedures, vertiport interfaces, and maintainability by design.

08:40 EHANG

From Certification to Commercialization: Global Lessons from China's First Type-Certified eVTOL

Zhang Hong, *Vice President,* ***EHang***

The certification of EHang's EH216-S in China marked a historic milestone for the eVTOL industry, moving from prototypes to authorized commercial operations. This session explores the technical, regulatory, and operational lessons behind this achievement, highlighting differences between CAAC, FAA, and EASA pathways, and their implications for global harmonization. It will also address commercial deployment, safety cases, infrastructure integration, and scaling challenges, offering insights for how U.S. and European stakeholders can accelerate safe certification while balancing innovation, public acceptance, and airspace integration, ultimately shaping a coordinated global roadmap for advanced air mobility.

09:00 BETA

Cold Front Ops: BETA's European Winter Demonstrations

Patrick Buckles, *Head of Sales,* ***BETA Technologies***

BETA's European and Nordic campaign provides a real-world testbed for early eVTOL operations in cross-border airspace, harsh winter conditions, and renewable-heavy grids. This session distills demo results into guidance on EASA-aligned route validation, cold-weather and icing mitigation, battery and charging strategies under constrained grid conditions, cert-grade data collection for SC-VTOL and Part 23 pathways, U-space corridor trials with local ANSPs, and winter-ready MRO concepts—offering a detailed blueprint for standing up repeatable, certifiable missions in Northern Europe.

09:20 DLR Institute of Air Transport

Vertified: DLR's Full-Scale Vertiport Real-Lab — From Concepts to Cert-Grade Evidence

Wolfgang Grimme, *Head of Group Economic Air Transport and Airport Models,* ***DLR Institute of Air Transport***

Following HorizonUAM, DLR's VERTIFIED programme is building full-scale, modular vertiport demonstrators at Magdeburg-Cochstedt to serve as reconfigurable laboratories for both urban and airport use cases. Over four years, the project will validate engineering layouts, throughput and turnaround concepts, U-space integration, safety cases, and high-voltage ground systems under realistic conditions, generating cert-grade data, KPIs, and auditable evidence for authorities. By combining full-scale trials with structured stakeholder exchanges across industry, cities, airports, and utilities, VERTIFIED aims to de-risk commercial IAM deployment and accelerate standardization of vertiport design and operations in Europe.

09:40 Fraunhofer IBP

Mission-Driven Thermal Modelling for eVTOL

Christina Matheis, Fraunhofer Institut IBP

This talk presents a cert-ready thermal modelling framework that links 1D system networks with targeted 3D CFD, ties heat loads to mission phases, and closes the loop with rig and chamber data. It covers propulsion, battery, ECS, de/anti-icing, and cabin comfort across the full thermal stack, with methods for data-driven parameterization, uncertainty management, and correlation. Reduced-order models enable fast design trade studies and HIL, while operational guidance addresses charge/pre-conditioning windows, turnaround times, and energy–thermal planning at vertiports—delivering a practical roadmap for credible, certifiable thermal management in eVTOL systems.

10:00 ARNOLD

Fastening the Challenges of Lightweight Electrification: Aluminum & Copper Solutions for eVTOL

Franzisca Götz, ARNOLD Umformtechnik (Würth Group)

Lightweight eVTOL airframes and high-current power systems demand new approaches to fastening and electrical joints. This session translates 125+ years of fastening expertise into guidance for multi-material Al–Cu–CFRP architectures, covering optimal fastener selection, HV busbar and termination design, galvanic mitigation, and durability validation from coupon to full-article testing. It also addresses automation, in-line process control, and AS9100-class quality frameworks to enable reliable, certifiable joints at aerospace production rates in Europe.

10:20 | Engineering Espresso Break

11:00 skyportz

Engineering Hybrid eVTOLs With Sustainable Aviation Fuel (SAF) For Long-Range Flight

Clem Newton-Brown, *CEO,* ***Skyportz***

Distributed-electric rotors don't eliminate downwash risks—high disk loading, close rotor spacing, and urban canyons can generate hazardous flows impacting pedestrians, glazing, debris, and air quality. This session translates rotorcraft and jet-blast science into urban eVTOL design and ops rules, covering hazard quantification, CFD/wind-tunnel modelling, and full-scale pad testing. It highlights mitigation levers in aircraft configuration, pad/site design, and operating procedures, and outlines how to build auditable Downwash Safety Cases that integrate OEM data, vertiport standards, and building codes into certifiable requirements for safe urban deployment.

11:20 meridian

A Hybrid-Electric Playbook for Long-Range VTOL

TBA, Meridian Flight Systems

Meridian is advancing two linked programmes: Corra, a large hybrid-electric tiltrotor UAV targeting >2,500 km range with 350 kg payload in all-weather, controlled-airspace operations; and HERMES, a scalable, fuel-flexible hybrid powertrain (100–300+ kW) designed for ~15% lower SFC and ~20% emissions reduction. This session details their parallel development and certification strategy under EASA CS-23/CS-E, the Corra-60 demonstrator for aero, controls, and hybrid validation, and a sovereign UK–EU supply chain approach—highlighting technical synergies, fuel-flexible design, and industrialisation for dual-use civil and defence applications.

11:40 NEX

Liquid Miles: Designing H_2-Powered Logistics UAVs

Emilia Torres, *Head of Product Management,* ***NEX Aero GmbH***

Hydrogen propulsion offers higher specific energy for heavy-lift, long-range UAV logistics, but demands rigorous engineering. This session examines fuel-cell vs H_2-ICE architectures, hybridization strategies, and storage trade-offs between 350/700 bar and LH_2, alongside thermal and water management, EMI/EMC challenges, and fault-tolerant HV integration. It will outline mission-level payload–range trades, safety validation for leaks and refueling, and infrastructure concepts from mobile refuelers to depot electrolyzers—mapping the certification and supply chain steps needed to scale hydrogen-powered cargo UAVs under CS-LURS/SC-UAS.

12:00 VERTICAL

Flightpath 2030 in Practice: Vertical's VX4—From Transition Flight to Scaled Manufacturing

TBA, Vertical Aerospace (VX4 Program & Manufacturing Leadership)

Vertical Aerospace has detailed a data-driven roadmap to VX4 certification and production, with CAA/EASA conformity evidence tied to transition-flight milestones, a 2028 type certificate target, and hybrid-electric flight testing from 2026. Its UK footprint combines 25+ units/year aircraft assembly at Cotswold Airport with a new Avonmouth battery facility tripling output, de-risking integration and scaling toward a 225+ units/year run-rate by Q4 2030. This session unpacks the certification path, hybrid variant roadmap, industrialization metrics, and $700M spend-to-TC, translating financial commitments into engineering readiness, QA, and supply-chain alignment.

12:20 Heart Aerospace

Megawatts, Hybrids & Turnarounds: What Heart's ES-30 Teaches eVTOL

TBA, Heart Aerospace (ES-30 Program & Infrastructure Integration)

Heart's ES-30, a 30-seat hybrid-electric regional aircraft targeting 2029 certification, offers key lessons for eVTOL operators from its X1 demonstrator and airport ground-ops trials. With ~1 MW charging and 30-minute turnaround validated, the program provides data on power planning, safety interlocks, and passenger flows, as well as insights into hybrid architectures for reserve policies, dispatch reliability, and winter ops. This session traces certification pathways, EMC/lightning evidence, and infrastructure documentation while highlighting Heart's role in CharIN and MCS standardization—showing how airport-driven megawatt charging can directly inform vertiport design and operations.

12:40 AIR

From Ground Operations to Certification: Lessons in Delivering Safe and Scalable BVLOS eVTOL Cargo Missions

Chen Rosen, *CTO,* ***AIR***

As cargo eVTOL operations progress from prototypes to real missions, success hinges not just on aircraft design but on BVLOS protocols, trained ground crews, and innovative certification strategies. This session draws on case studies from early delivery programs to highlight operational lessons, human-factor integration, and the role of Light Sport Aircraft pathways as an entry point to certification. It will connect safety, infrastructure, and regulatory frameworks into a roadmap for scaling BVLOS cargo missions, offering operators practical insights for accelerating deployment.

13:00 | Engines Off, Conversations On

14:00 EASA European Union Aviation Safety Agency

Getting Ready for Take-Off: The European AAM Framework

TBA, The European Union Aviation Safety Agency (EASA)

Europe's AAM rulebook is solidifying, with SC-VTOL, EU Regs 945/2019 and 947/2019, and the Open/Specific/Certified categories shaping certification and ops requirements. This session translates those frameworks into practical actions for OEMs, operators, airports, and cities—covering Basic vs Enhanced safety objectives, pathways to type/airworthiness/operator approval, and how to plan compliance amid pending amendments. It also unpacks FAA–EASA alignment steps and their impact on cross-border services, grounding the discussion in current European readiness signals from trials and infrastructure planning, and linking regulatory progress to real market and route-planning opportunities.

14:20 ARCHER

Midnight in Europe: Archer's Playbook for Market Entry, Vertiport Integration & Validation

TBA, Archer Aviation (Europe Market & Certification Strategy)

In Europe, Archer is focused on market development and infrastructure setup—showcasing its Midnight aircraft, partnering with terminal operators, and engaging in FAA–EASA certification alignment rather than announcing a first launch city. This session details how FAA data packages can be sequenced for EASA validation, how FBO networks can be adapted into vertiport-ready nodes, and what criteria define viable launch corridors. It will also outline charging and turnaround procedures, acoustic and community-acceptance strategies, and the commercial ramp plan linking airline and airport partnerships, MRO readiness, and staffing pipelines for reliable entry into service.

14:40 M

Munich Airport's AAM Readiness

Oliver Schultes, *Project Manager Corporate Development,* ***Munich Airport International***

Adrian Voß, *Airport Consulting,* ***Munich Airport International***

Dipl.-Ing. M.Sc. REM Olaf Bünck, *Strategic Airport Development,* ***Munich Airport International***

Munich Airport and MAI are moving AAM from theory to practice with vertiport designs for both airports and cities. This session details slot-neutral airport layouts, modular rooftop/parking-deck concepts, and MAI's traffic-to-power sizing method for megawatt-class charging demand. It will cover SOPs for safe, high-throughput operations, U-space/ATM integration, and use of digital twins to validate flows, noise, grid peaks, and emergencies before build. Participants will also gain insight into compliance pathways, phased capex strategies, and governance models that translate vertiport concepts into deliverable infrastructure for 2026–2030 deployment.

15:00 PowerCell Group

Enabling Hydrogen Fuel Cell Electric Aviation—from eVTOL to Commuter & Regional

TBC: Dr. Andreas Bodén, *SVP & CTO,* ***PowerCell Group***

This session dives into fuel-cell propulsion design from stack and balance-of-plant engineering to hybridization, thermal/water management at altitude, and storage pathways from 350/700-bar tanks to LH_2. It will cover safety and compliance evidence (DO-160, lightning, propulsion cases), durability mechanisms and test profiles, and the cost/degradation roadmaps regulators and operators expect. Participants will gain practical methods for right-sizing battery buffers, integrating storage safely, and managing heat, water, and transients, while also tracing supplier qualification, infrastructure options, and MRO concepts that enable a scalable ramp from eVTOL to regional aircraft.

15:40 ERC

Engineering a Medevac eVTOL for European HEMS: From Requirements to Evidence

David Loebl, *CEO,* ***ERC***

This technical deep-dive shows how to engineer a medevac eVTOL that truly meets European HEMS at scale—translating mission and regulatory demands into verifiable requirements, credible safety/availability targets, and audit-ready V&V and industrialization evidence. We'll convert HEMS essentials (stretcher geometry, two-medic ergonomics, rooftop constraints, NVIS/night IFR) into KPIs, allocate SC-VTOL Enhanced objectives via FHA>PSSA>SSA/CCA, and specify EMC/EMI environments so avionics and IEC 60601 medical devices coexist with a minimal DO-160 stack. Attendees will learn to right-size energy/thermal buffers for diversion and loiter, define charge windows/interlocks/pad power to protect availability and thermal-runaway margins, set and mitigate noise/downwash limits at 2 m AGL, and mandate maintainability/hygiene (LRU access, tool-less swaps, disinfectant-safe materials). We'll also outline IFR-ready procedures (PBN rooftops, contingency/abort logic, NVIS, telemedicine links with explicit latency budgets) and lock special-process controls, traceability, APQP/PPAP, and a rig>HIL>ground>flight V&V sequence to deliver certification and day-one fleet readiness..

16:00 Zuri

Cruise on SAF, Lift on Electrons: The Zuri Hybrid Architecture

Michal Illich, *CEO,* ***Zuri***

Zuri is developing a hybrid-electric VTOL optimized for regional missions, targeting 700+ km range with a SAF-compatible cruise engine and a full-scale TD 2.0 demonstrator in Prague. This session distills Zuri's tiltrotor aerodynamics, hybrid propulsion integration, and manufacturability-first design into actionable lessons: scoping RAM routes and ground infrastructure that exploit hybrid range; partitioning electric VTOL lift from cruise power with clear power-split and thermal constraints; managing transition stability and redundancy sized for regional weather; carrying forward TD 2.0 manufacturing choices to minimize demo-to-serial rework; and organizing co-located teams and rapid test loops to compress design–build–test cycles.

16:20 | Afternoon Refuel & Connect

17:00

Composites That Certify & Scale

TBA (Structures & Materials Lead)

eVTOL airframes push composites into high-rate, safety-critical service—thin skins, complex joints, tight mass, lightning, and repairability under airline-like utilization—so this session maps a practical blueprint from allowables to automation. We'll compare thermoset OOA/RTM vs. thermoplastics (welded ribs/skins) across weight, cycle time, rework, and FST; engineer damage/crash tolerance (impact/DT, bird-strike, crash energy paths), repair schemes, and conformity; optimize joining (co-cure vs. secondary bonding, hybrid bolt/bond, inserts) with LSP zoning, grounding, and bondline resistance targets; industrialize rate with AFP/ATL, press-formed TP substructures, RTM cells, in-mold sensing, and closed-loop control; harden battery/thermal interfaces (enclosures, firewalling, venting, EMI shielding, heat rejection); and tie it all to cert evidence—from

coupons>elements>sub-components>articles—with acceptance criteria, repair substantiation, and production conformity records.

17:20

Bond, Cure, Verify: Adhesives & LSP Integration at Production Rate

TBA (Structures & Manufacturing Engineering Lead)

Adhesive bonding is mission-critical for lightweight eVTOL primaries—but rate production magnifies risks from surface prep, cure control, and LSP integration. This session shows how to turn composites joining into a controllable, auditable system: selecting per-part joints (co-cure, secondary, hybrid bolt/bond); building the stack with the right film/paste adhesive, thickness/fillet control, and integrated LSP without print-through; enforcing surface preparation and cleanliness (abrade/peel-ply/chem, Dyne/FTIR/tape, out-time/humidity, witness coupons); controlling cure with autoclave/OOA profiles, in-situ monitoring (dielectric/FBG), SPC, and full MES genealogy; engineering electrical performance (bondline resistance targets, LSP zoning, CF–Al isolation); verifying the "invisible" with NDT suited to thin sections plus targeted destructs and repair criteria; integrating lightning/EMC (co-bonded mesh/foil, earthing, edge terminations, continuity checks); planning MRO (standard scarf/patch, allowable knock-downs, on-wing access, compatible chemistries); and flowing at rate with cell layout, robot bead-dispense validation, takt planning, FPY dashboards, and hard go/no-go gates.

17:40

Battery Passports for eVTOL: Compliance, Traceability & Ops Value

TBA (Battery Systems & Compliance Lead)

From February 2027, the EU Battery Regulation mandates digital passports for large rechargeable packs—directly impacting eVTOL propulsion batteries. This session turns policy into a build-and-operate playbook: classifying packs and supply-chain roles, defining the required data model (ID, durability, carbon footprint, recycled content, usage/safety), and embedding it in MBSE/PLM/MES workflows from inspection to service release. We'll map passport data to EASA evidence for conformity and continued airworthiness, show how to link it with MRO records, health histories, and end-of-life decisions, and outline supplier KPIs, cybersecurity, and governance—transforming compliance into traceability, safety, and ESG value.

18:00

HIL/SIL & Evidence Automation: Shrinking Risk, Cost, and Time-to-Cert for eVTOL

TBA (Chief Verification & Validation Engineer, eVTOL OEM/Tier-1)

eVTOL programs are straining under test capacity and certification demands, making SIL/HIL indispensable for validating BMS, flight controls, and electric drives before flight while automating audit-ready evidence. This session shows how to architect benches with real-time plant models and fault injection, run structured tests linked to FHA>PSSA>SSA/CCA requirements, and trace results end-to-end into conformity artifacts. We'll cover configuration control, automation of paperwork, and replay of hazardous scenarios to cut flight-test churn—while reusing rigs for production, regression, and in-service investigations, creating a scalable path from prototypes to rate-ready fleets.

18:20

Continued Airworthiness & MRO for High-Utilization eVTOL Fleets

TBA (Head of Continuing Airworthiness / MRO Engineering)

eVTOL economics demand high utilization and rapid turnarounds, which requires a cert-grade continued airworthiness system bridging design, manufacturing, and operations. This session covers MSG-3 task development from FHA>PSSA>SSA/CCA, design-for-maintainability features that cut time-on-task, and digital records that tie config control, parts genealogy, and BMS baselines to each tail number. We'll explore condition-based maintenance with SHM, vibration, and battery health data, define in-service SoH/SoC tracking and safe-state procedures, and map vertiport turnaround SOPs for inspections, charging, and defect management. Finally, we'll address spares, rotable pools, and AOG playbooks, showing how to generate audit-ready reliability evidence for regulators and lessors while sustaining fleet-scale readiness.

18:40

Quiet by Design: Propulsors, Aeroacoustics & EU Noise Certification

TBA (Aeroacoustics & Propulsor Engineering Lead)

eVTOL viability hinges on acoustics—specifically psychoacoustics, tonal suppression, and certifiable noise pathways in Europe. This session translates rotor/prop design, operations, and test methods into a cert-ready playbook: defining psychoacoustic metrics as design requirements, applying tone-killing strategies (blade counts, spacing, planform/twist tailoring, TE serrations, porous edges, array de-phasing), and correlating CFD/CAA predictions with tunnel and pad-array tests. We'll also cover urban trajectory shaping, manufacturing tolerances, and operational levers such as RPM caps, quiet-hour procedures, and acoustic monitoring—showing how to achieve certifiable noise performance without sacrificing thrust, efficiency, or manufacturability.

19:00

Tech-Led, On-Demand Scheduling for eVTOL Networks

TBA (Ops Research / Dispatch & U-space Integration Lead)

On-demand air mobility only works if real-time tech delivers—matching demand with aircraft, crews, vertiport pads, charging slots, and U-space procedures minute by minute. This session shows how to turn algorithms into operations for European city-pairs and airport shuttles: demand prediction and assignment, routing and pooling under time windows, and charging orchestration across pads and SoC limits. We'll cover disruption recovery, U-space integration, and compliance through traceable logic and audit logs, while linking revenue models and SLAs to operational fairness—all underpinned by secure, telemetry-driven digital twins of fleets and vertiports.

19:20

Weather That Decides the Mission: Micro-Weather, Vertiport Sensing & Dispatch Logic

TBA (Aviation Meteorology & AAM Ops Integration Lead)

eVTOL reliability will hinge on ultra-local weather, not regional TAFs. This session shows how to turn micro-weather sensing into real dispatch, charging, and U-space decisions: equipping vertiports with met masts, LiDAR/SODAR, ceilometers, and cameras; fusing data with mesoscale models into 5–10 minute nowcasts; and setting thresholds for approach, hover, and downwash limits. We'll link weather logic to routing, altitudes, ETAs, and SoC windows, address icing forecasts and pre-conditioning SOPs, and integrate constraints directly into U-space approvals. Finally, we'll cover resilience tactics, in-service model tuning, and procurement standards (SLAs, secure APIs, failover) to keep fleets on schedule in urban conditions.

19:40

Crashworthiness & Occupant Protection: Designing to Survive and Exit

TBA (Structures & Safety Engineering Lead)

eVTOL cabins must deliver crash protection under vertical and oblique loads while meeting mass and rate constraints. This session translates crash safety into an executable plan: defining VTOL/transition load cases and energy paths; designing seats/restraints to 16/19-g philosophies with HIC/neck criteria; and engineering crashworthy structures with crush features, sacrificial members, and composite toughening. We'll cover FST and post-crash fire strategies, jam-tolerant egress solutions, and HV battery isolation/containment. The verification roadmap spans coupons to full-scale sled/drop tests with ATD correlation, while production feasibility addresses repeatable bonds/joints, repairability, and traceable conformity records.

20:00

Weather That Decides the Mission: Micro-Weather, Vertiport Sensing & Dispatch Logic

TBA (Aviation Meteorology & AAM Ops Integration Lead)

eVTOL reliability depends on ultra-local weather, not regional TAFs. This session shows how to turn micro-weather sensing into actionable dispatch logic—capturing low-altitude wind, gusts, ceilings, visibility, and icing via vertiport masts, LiDAR/SODAR, ceilometers, and cameras, then fusing them with mesoscale models into 5–10 minute nowcasts. We'll define operational thresholds for approach, hover, and downwash; link forecasts to routing, ETAs, and SoC windows; and push constraints directly into U-space approvals. Icing mitigation, resilience playbooks for pop-up events, and feedback loops from in-service data to model tuning will be covered, along with procurement standards (SLAs, secure APIs, failover) to ensure reliable, cert-ready weather intelligence for urban operations.

19:40 | Eats • Beats • Meets

EVTOL SHOW USA ATTENDEES BY COMPANY 2025

Archer Aviation, Joby Aviation, **Volocopter**, Lilium, **Vertical Aerospace**, EHang, **Bell Nexus**, Wisk Aero, **Jaunt Air Mobility**, Sabrewing Aircraft Company, **Lift Aircraft**, Manta Aircraft, **XTI Aircraft Company**, Jump Aero, **Transcend Air Corporation**, Electra.aero, **Skyryse**, AIR, **Samad Aerospace**, Rotor X Aircraft Manufacturing, **Urban Aeronautics**, AeroMobil, **Airbus Urban Mobility**, EVE, **Karem Aircraft**, Pipistrel, **Astro Aerospace**, Opener, **Geely**, Boeing, **Beta Technologies**, SkyDrive, **Skyports**, Urban-Air Port, **VPorts**, Volatus Infrastructure, **Lilium Network**, Vertiport Chicago, **Ferrovial Airports**, Munich Airport International (MAI), **Landing International**, InfraTech Aero, **Honeywell Aerospace**, Garmin, **Thales Group**, Collins Aerospace, **GE Aviation**, Safran, **Rolls-Royce**, Siemens eAircraft, **Leonardo**, Denso, **Eaton**, L3Harris Technologies, **Raytheon Technologies**, Toray Industries, **Hexcel Corporation**, Solvay, **SGL Carbon**, Teijin Limited, **Cytec Industries**, Mitsubishi, **Evonik Industries**, Arkema, **Dupont**, Henkel, **3M**, BASF, **PPG Industries**, Aleris, **Materion**, Amphenol Aerospace, **NASA**, FAA, **EASA**, Uber Elevate, **Boeing**, Airbus, **Lockheed Martin**, General Motors, **Stellantis**, Ford Motor Company, **Toyota**, Hyundai, **Honda Aircraft**, Bosch, **Panasonic**, Samsung SDI, **LG Chem**, Northrop Grumman, **KPMG**, Deloitte, **Skyports Infrastructure**, Skybase, **Urban-Air Ventures**, eVTOL Airport Solutions, **Airspace Experience Technologies**, Aeroport Mobility, **Horizon Urban Air Mobility**, SkyGate, **Airspace Systems**, FlytBase Vertiports, **Moog Inc.**, Parker Aerospace, **BAE Systems**, MTU Aero Engines, **MagniX**, Ampaire, **Spirit AeroSystems**, Meggit, **AeroVironment**, Kraton Corporation, **Kordsa**, Owens Corning, **Gurit**, Plasan Carbon Composites, **Park Aerospace**, AGY Holding Corp, **Chomarat Group**, SABIC, **Lanxess**, Victrex, **Aviation Industry Corporation of China (AVIC)**, Embraer, **Bombardier**, Dassault Aviation, **Textron Aviation**, Bell Helicopter, **Piaggio Aerospace**, Aurora Flight Sciences, **Textron Systems**, US Air Force, **Department of Transportation (DOT)**, National Renewable Energy Laboratory (NREL), **Federal Communications Commission (FCC)**, International Civil Aviation Organization (ICAO), **World Economic Forum (WEF)**, International Air Transport Association (IATA), **Air Line Pilots Association (ALPA)**, American Institute of Aeronautics and Astronautics (AIAA), **The Boeing Company**, General Electric (GE), **Lockheed Martin**, Raytheon Technologies, **Northrop Grumman**, Bechtel, **Fluor Corporation**, Accenture, **PwC**, Ernst & Young (EY), **McKinsey & Company**, Boston Consulting Group (BCG), **NeXt Aero**, Jetpack Aviation, **Alaka'i Technologies**, Yuneec International, **Hoversurf**, Terrafugia Transition, **AVX Aircraft Company**,Ascendance , **Vertiv**, Global Air Mobility Solutions, **SkyLanes**, Heliports of America, **SkyDock**, VertiPort Americas, **SkyGrid**, Urban Port, **Elevated Networks**, Metro Skyways, **CityAir Ports**, Curtiss-Wright, **Harris Corporation**, Viasat, **LORD Corporation**, Esterline Technologies, **Rockwell Collins**, Teledyne Technologies, **ITT Corporation**, Schneider Electric, **Hexagon AB**, PPG Aerospace, **Dymax**

EVTOL SHOW USA ATTENDEES BY JOB TITLE 2025

Chief Executive Officer (CEO), Chief Technology Officer (CTO), **Chief Operating Officer (COO)**, Chief Financial Officer (CFO), **Chief Innovation Officer (CIO)**, Chief Commercial Officer (CCO), **President**, VP of Engineering, **VP of Manufacturing**, VP of Operations, **VP of Research & Development (R&D)**, VP of Product Development, **VP of Business Development**, Lead Engineer, **Principal Engineer**, Senior Engineer, **Systems Engineer**, Electrical Engineer, **Mechanical Engineer**,Aerospace Engineer, **Software Engineer**, Design Engineer, **Structural Engineer**, Propulsion Engineer, **Test Engineer,Materials Engineer**, Manufacturing Engineer, **Production Engineer**, Quality Assurance Engineer, **Reliability Engineer**, Safety Engineer, **Integration Engineer**, Simulation Engineer, **Firmware Engineer**, Controls Engineer, **Battery Systems Engineer**, Battery Pack Engineer, **Power Electronics Engineer**, Battery Management Systems (BMS) Engineer, **Energy Storage Engineer**, Thermal Management Engineer, **Director of Research & Development (R&D)**, R&D Manager, Innovation Manager, **Development Engineer**, Product Development Manager, **Experimental Test Pilot**, Aerodynamics Specialist, **Battery R&D Scientist**, Battery Chemist, **Materials Scientist**, Supply Chain Manager, **Logistics Manager**, Procurement Manager, **Materials Manager**, Inventory Manager, **Operations Manager**, Warehouse Manager, **Supply Chain Analyst**, Distribution Manager, **Director of Business Development**, Strategy Manager, **Market Development Manager**, Partnerships Manager, **Strategic Alliances Manager**, Client Relations Manager, **Industry Analyst**, Director of Regulatory Affairs, **Compliance Manager**, Certification Manager, **Quality Manager**, Regulatory Affairs Specialist, **Environmental Compliance Manager**, Safety Compliance Officer, **Director of Operations**, Operations Manager, **Production Manager**, Plant Manager, **Operations Analyst**, Production Planner, **Lean Manufacturing Specialist**, Six Sigma Black Belt, **IT Manager**, IT Infrastructure Manager, **Cloud Solutions Architect**, Cybersecurity Specialist, **Network Engineer**, Systems Administrator, **Director of Marketing**, Communications Manager, **Brand Manager**, Technical Support Engineer, **Director of Finance**, Financial Analyst, **Controller**, Legal Counsel, **Battery Systems Engineer**, Battery Pack Engineer, **Battery Management Systems (BMS) Engineer**, Battery Design Engineer, **Power Electronics Engineer**, Battery Research Scientist, **Battery Chemist**, Energy Storage Engineer, **Battery Thermal Management Engineer**, Battery Testing and Validation Engineer, **Materials Engineer**, Composite Materials Engineer, **Advanced Materials Scientist**, Polymer Scientist, **Metallurgist**, Nanomaterials Engineer, **Materials Testing Engineer**, Structural Materials Engineer, **Surface Coatings Engineer**, Manufacturing Engineer, **Production Engineer**, Industrial Engineer, **Process Engineer**, Automation Engineer, **Additive Manufacturing Specialist**, CNC Programmer, **Lean Manufacturing Specialist**, Quality Control Inspector, **Assembly Line Supervisor**

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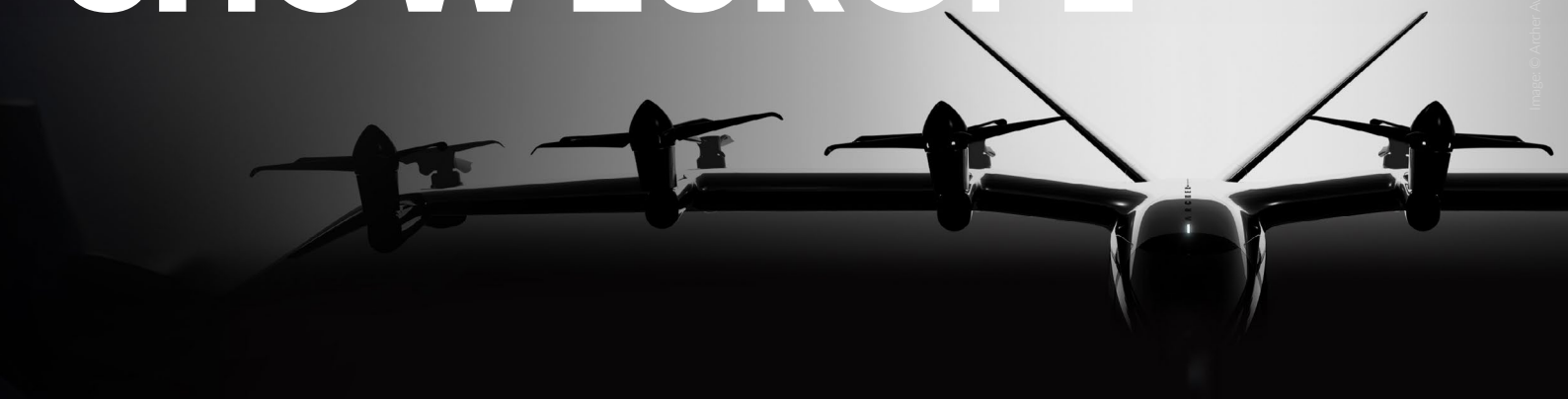
eVTOL SHOW EUROPE



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- Networking breaks, coffee and snacks. Hot buffet luncheon
- Afternoon coffee break including soft drinks & snacks
- All attendee evening drinks reception – open bar

ULTRA Early Bird Rate

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- Prices include food & beverages, morning breakfast & coffee
- Networking breaks, coffee and snacks. Hot buffet luncheon
- Afternoon coffee break including soft drinks & snacks
- All attendee evening drinks reception – open bar

SUMMIT Rate

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OEM / Manufacturer

SUMMIT Rate

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