

Press Release

Airbus and Siemens highlighting their collaboration for hybrid-electric propulsion at Bauhaus Luftfahrt Symposium

#zeroemissiontech

Taufkirchen, 7 May 2019 – Representatives of Airbus and Siemens are attending the Bauhaus Luftfahrt Symposium “Ambition 2050”, which is taking place in Taufkirchen on May 7 and 8. The event is bringing together science, industry, and politicians to tackle head on how to work together to meet the EU Flightpath 2050 goals to meet aviation’s challenging environmental targets. Topics to be explored include operations, alternative fuels, as well as energy technologies and power systems, which is at the heart of the work being carried out within the Airbus E-Aircraft Systems Programme in Taufkirchen/Ottobrunn near Munich.

While no single technology will allow the industry to become emission free, as Glenn Llewellyn, Electrification General Manager at Airbus will highlight on day one of the symposium, electric and hybrid electric propulsion technologies are some of the most promising. This is why Airbus is actively exploring how to apply such technologies across its portfolio, from helicopters and VTOLs all the way to commercial aircraft, with demonstrators such as CityAirbus and E-Fan X.

A key part of this research started in April 2016, Airbus and Siemens started a joint collaboration for hybrid-electric propulsion systems with the objective to demonstrate the technical feasibility of these eco-friendly technologies.

“We have worked very closely with Siemens eAircraft over the course of the last three years to research hybrid-electric technologies,” said Martin Nuessler, Head of E-Aircraft Systems Programme at Airbus. “Siemens contributed their profound know-how in electric drives and power electronics and their strong capability to deliver innovative solutions to our ambitious projects. The results we have achieved this far pave the way towards the future of hybrid electric flight. We are sure that Siemens eAircraft will continue to be a close partner of Airbus in future.”

“It was a great experience to work together in tightly-knit teams with Airbus colleagues,” stated Frank Anton, Head of Siemens eAircraft, on the topic of the companies’ collaboration. “Their competence in aircraft architecture and design offered us the chance as a propulsion system provider to develop our solutions for concrete platforms. We very much look forward to being able to take these competencies in industrialized manner to our partners.”

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About Airbus

Airbus is a global leader in aeronautics, space and related services. In 2018 it generated revenues of € 64 billion and employed a workforce of around 134,000. Airbus offers the most comprehensive range of passenger airliners. Airbus is also a European leader providing tanker, combat, transport and mission aircraft, as well as one of the world’s leading space companies. In helicopters, Airbus provides the most efficient civil and military rotorcraft solutions worldwide.

Media contacts

Gregor v. Kursell

gregor.kursell@airbus.com

+49 89 607 34255

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