

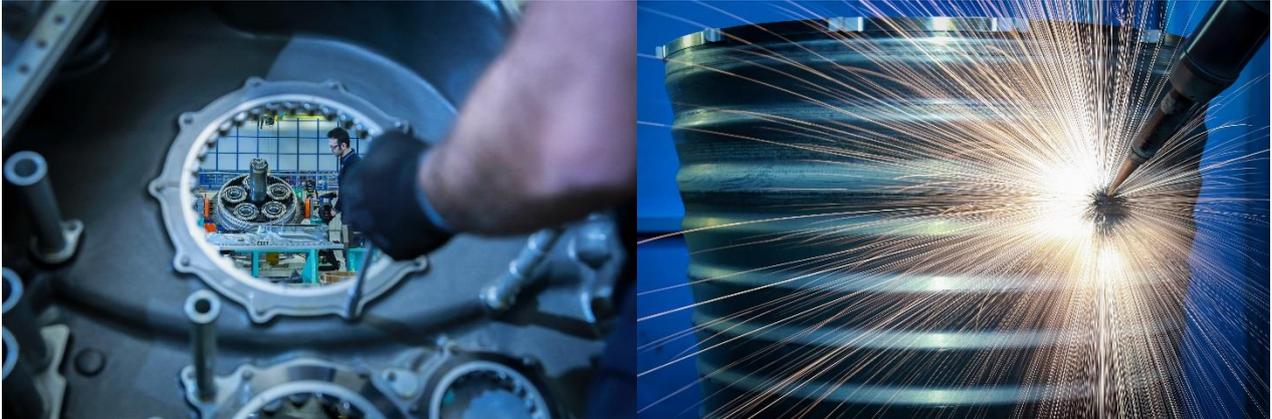
Avio Aero Innovation and expertise at the service of the Aviation Industry

Avio Aero is a GE Aviation business which operates in the design, manufacture and maintenance of civil and military aeronautics components and systems. Today, the company offers innovative technological solutions which allow customers to respond faster to the market's on-going changes: additive manufacturing, rapid prototyping as well as technologies dedicated to the production of transmissions, turbines and combustors.



The headquarters is located in Rivalta di Torino, which is also the largest production plant, while strategic facilities are located also in Brindisi and Pomigliano d'Arco (Naples), for a total amount of 4,200 employees in Italy. Abroad, it has a production plant in Poland.

Through ongoing investments in research and development, and thanks to a consolidated network of contacts and relations with major international universities and research centers, Avio Aero has attained an internationally recognized level of excellence in technology and manufacturing: an achievement borne out by its partnerships with the leading global actors in the aeronautical sector. Avio Aero's challenge is to develop new technologies and applications in order to cut energy consumption, produce lighter aircraft and deliver better performance.



Avio Aero: our digital journey

To increase the productivity and competitiveness of the industry, it is necessary to exploit the opportunities offered by digitization. In Avio Aero, the fourth industrial revolution has already begun, through what has been called 'Brilliant Factory', the 'Fabbrica Intelligente', a production site that can continually self-improve its products and processes by collecting, connecting and analyzing data in real time. Avio Aero's Brilliant Factory is characterized by a faster product development cycle and improved production efficiency. In this context, advanced manufacturing and, more specifically, additive manufacturing plays a key role seeing the company involved in the forefront thanks to its Cameri plant, one of the largest in the world entirely dedicated to additive production. In Apulia, Avio Aero and the Polytechnic of Bari created a new laboratory, the Apulia Development Center for Additive Repair, to develop repair procedures for aeronautical engine components using innovative technologies based on laser systems. Together with the Polytechnic of Turin, Avio Aero has signed a partnership agreement to create the Turin Additive LAB, a new joint laboratory that sets the foundation for collaboration on strategic research topics for the aeronautics industry.

