**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. With more than 5,500 employees, Avio Aero has the ability to be present throughout all stages of the product lifecycle, from product design & development through to production and aftermarket services. The company offers innovative technological solutions which allows our customers to respond to the continuous changes in the market, such as carbon-neutral aviation. Avio Aero specialises in distinctive technologies, including additive manufacture, for the production & services of aeroengine mechanical transmissions, turbines, combustors and propulsion systems for both fixed wing and rotorcraft applications.

The company’s headquarters and largest production facility are located in Rivalta di Torino (TO), as well a further plants in Borgaretto (TO), Brindisi (BR), Cameri (NO), Pomigliano d'Arco (NA), Sangone (TO), Prague (Czech Republic) and Bielsko-Biala (Poland).

Through ongoing investments in research and development(R&D), and thanks to a consolidated network with major international universities and research centre, Avio Aero has attained a globally recognised technological and production excellence. Avio Aero's challenge is to develop new technologies and applications to reduce fuel consumption & CO2 emissions, produce lighter aircraft, and achieve better performance. Today, Avio Aero is present on ~80% of all commercial aircraft and is one the main partners with the Italian Ministry of Defence. This is the result of over 110 years of innovation.

**Avio Aero 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 created the Turin Additive LAB, a new joint laboratory that sets the foundation for collaboration on strategic research topics for the aeronautics industry.

**Diversity & Inclusion**

In Avio Aero, inclusion is a business theme. The integration of different experiences, forms of intelligence and sensitivity is the real key to innovation, the one on which the company bases its daily activity to continue to be a pioneer in its market. In this regard, Avio Aero equipped itself with a new reality to encourage the Diversity & Inclusion processes: the D&I Council. The **D&I Council** is an **entity** **within the company** that aims to encourage and accelerate the creation of an environment suitable for all types of diversity. The council is coordinated by the D&I Leader, an extremely rare figure.