

## Leonardo: Atos will be its technological partner in the development of the Genoa supercomputer

- Atos, a global leader in digital transformation, will support the development of the powerful infrastructure intended for the Ligurian headquarters of Leonardo Labs, Leonardo's new corporate research and development laboratories which are dedicated to innovation in traditional sectors and the development of new technologies
- **Alessandro Profumo, Chief Executive Officer of Leonardo: “the supercomputer that we are developing in Genoa will significantly strengthen the capabilities both of the Company and on a national scale in supercomputing, Big Data, and autonomous and intelligent systems”**
- The computer centre will be one of the first in Europe, and the first in Italy, to be equipped with the latest generation accelerators, developing a total computing power of over five million billion floating point operations per second

**Rome, 14 July 2020** – Leonardo has chosen Atos, a global leader in digital transformation, as the technological partner for the development of the supercomputer which will be installed in Genoa, in one of the six Italian Leonardo Labs, the Group's new laboratories which are dedicated to advanced research and technological innovation.

*“The supercomputer that we are developing in Genoa will significantly strengthen both the Company's capabilities and on a national scale in supercomputing, Big Data, and autonomous and intelligent systems”* states **Alessandro Profumo**, Chief Executive Officer of Leonardo. *“This project will contribute significantly to the positioning of Italy among the top five nations in the world of computing capabilities in the sectors of public and industrial research.”*

The new computer centre, integrated by Atos, will be one of the first in Europe, and the first in Italy, to be equipped with the latest generation NVidia A100 accelerators. The supercomputer will count on a battery of over one hundred supercomputing units, for a total computing power greater than 5PFlops (5 million billion floating point operations per second), connected by a high-performance network and a storage system equipped with the latest hardware and software technologies, for a storage capacity of the order of 20Pbytes (20 million Gigabytes). Leonardo and Atos will also be able to collaborate on further research projects related to quantum computing.

Leonardo's supercomputer, developed together with Atos, will be the nerve centre of the Genoese headquarters of Leonardo Labs, the new corporate research and development laboratories dedicated to innovation in Leonardo's traditional sectors and to the development of new technologies in the longer term. The Labs are being built in the proximity of Leonardo's main industrial sites in Italy and abroad with the aim of facilitating technology transfer and

**Leonardo**, a global high-technology company, is among the top ten world players in Aerospace, Defence and Security and Italy's main industrial company. Organized into five business divisions, Leonardo has a significant industrial presence in Italy, the United Kingdom, Poland and the USA, where it also operates through subsidiaries such as Leonardo DRS (defense electronics), and joint ventures and partnerships: ATR, MBDA, Telespazio, Thales Alenia Space and Avio. Leonardo competes in the most important international markets by leveraging its areas of technological and product leadership (Helicopters, Aircraft, Aerostructures, Electronics, Cyber Security and Space). Listed on the Milan Stock Exchange (LDO), in 2019 Leonardo recorded consolidated revenues of €13.8 billion and invested €1.5 billion in Research and Development. The Group has been part of the Dow Jones Sustainability Index (DJSI) since 2010 and became Industry leader of Aerospace & Defence sector of DJSI in 2019.

maximising the benefits for the surrounding territories, and strengthening collaboration with local institutions.

Leonardo has recently launched its international recruitment call for 68 young, talented people for Leonardo Labs that will join six specific research areas (*Artificial Intelligence and Autonomous Intelligent System, Big Data Analytics, High Performance Computing, Electrification of Aeronautical Platforms, Materials and Structures and Quantum Technologies*) and which will be part of the teams that are being set up in the six Labs sites, present, in addition to Genoa, and in the areas of Milan, Turin, Rome, Naples and Taranto.

The new laboratories will also allow a continuous flow of talent to ensure flexibility and renewal, both of skills and professional abilities, on the basis of an internationally adopted model by which young international external researchers will work together with experts and researchers across Leonardo's Divisions.

### **Note to editors**

**Atos** is a global leader in digital transformation with 110,000 employees in 73 countries and annual revenue of € 12 billion. European number one in Cloud, Cybersecurity and High-Performance Computing, the Group provides end-to-end Orchestrated Hybrid Cloud, Big Data, Business Applications and Digital Workplace solutions. The Group is the Worldwide Information Technology Partner for the Olympic & Paralympic Games and operates under the brands Atos, Atos Syntel, and Unify. Atos is a SE (Societas Europaea), listed on the CAC40 Paris stock index. The purpose of Atos is to help design the future of the information space. Its expertise and services support the development of knowledge, education and research in a multicultural approach and contribute to the development of scientific and technological excellence. Across the world, the Group enables its customers and employees, and members of societies at large to live, work and develop sustainably, in a safe and secure information space.