

INDRA AND THE BARCELONA SUPERCOMPUTING CENTER SIGN AN AGREEMENT TO BOOST THE DEVELOPMENT OF STATE-OF-THE-ART DUAL TECHNOLOGIES

- **Supercomputing, artificial intelligence and quantum systems are just some of the key areas of collaboration that have been identified.**
- **The agreement will prove key to the success of the FCAS program and provide for fostering new supercomputing infrastructures.**
- **The sum total of all existing scientific and technical capabilities is essential for competing on a global scale and strengthening Spanish and European technological sovereignty.**

Barcelona, October 15, 2024.- Indra and the Barcelona Supercomputing Center-Centro Nacional de Supercomputación (BSC-CNS) have signed a cooperation agreement to promote research and development related to dual-use technologies with a view to strengthening Spanish and European technological sovereignty.

Indra chairman Marc Murtra and the BSC's director, Mateo Valero, signed the agreement on Monday October 14 at the Barcelona Supercomputing Center's headquarters.

The two entities have expressed their interest in cooperating to develop solutions and knowledge related to supercomputing, artificial intelligence and quantum technologies, areas of dual application in both the civil and defence sectors and of particular relevance for the NGWS/FCAS program, the initiative fostered by Germany, Spain and France to develop the defence system of the future.

The protocol signed by Indra and the BSC will facilitate exchanges of scientific and technical knowledge, staff training and the search for synergies and partnerships during other strategic dual technology programs.

It will also contribute to implementing new supercomputing infrastructures, software and hardware, thus providing the necessary processing capacity to address increasingly complex scientific and technological challenges.

Indra's Chairman, Marc Murtra, stated that "the collaboration of the entire industrial and scientific ecosystem will enable to lead the major technological programs that are being launched throughout Europe. Integrating the knowledge and dual technologies of BSC and Indra will significantly contribute to ensuring the well-being of our society. This partnership will undoubtedly constitute a significant step forward towards strategic autonomy, reinforcing our ability to anticipate and shape the future."

According to BSC director Mateo Valero, "conceptual designs and engineering system developments are becoming increasingly complex and they require the use of the appropriate digital tools and extraordinary computing power. The primary objective of this agreement is to establish a "system of systems" approach within the innovation ecosystem in order to contribute to enhancing the technological sovereignty of the future Spanish and European technological and industrial base".

The agreement that has been signed puts in place a continuous communication channel and the bases to enable the BSC and Indra to work together. The potential areas for collaboration are far-reaching and of huge technological depth, encompassing, for example, simulation, the modeling and emulation of complex systems in virtual environments, research and development related to AI applications, hardware architectures, edge computing, orchestration systems in high-performance and distributed environments and quantum computing.

About the BSC

The BSC is one of the leading supercomputing centers in Europe and it houses the MareNostrum5, one of the most powerful supercomputers in the world. Its specialty is HPC (High Performance Computing) and its function is twofold: to provide supercomputing infrastructures and services for Spanish and European scientists and to generate knowledge and technology so that they can be transferred to society. The BSC Consortium is made up of the Ministry of Science, Innovation and Universities of the Government of Spain (60%), the Ministry of Research and Universities of the

Government of Catalonia (30%) and the Polytechnic University of Catalonia (10%). The center manages the RES (Spanish Supercomputing Network) and it's the entity that hosts the EuroHPC JU, the European initiative leading large-scale investments and the provision of HPC in Europe.

About Indra

Indra is a leading Spanish multinational and one of the foremost global defence, air traffic and space companies that, through technology, protects our current way of life and anticipates the needs of the future. Its committed team of experts, its in-depth knowledge of the business and the latest technologies, and its unique innovation and systems integration capabilities make it the trusted technology partner for key operations and digitalization for its customers around the world. Thanks to its leadership in major European programs and projects, as well as its spirit of collaboration and partnership strategy, it drives the industrial and innovative ecosystem in these sectors.

About Indra Group

Indra Group is a holding company that fosters technological progress. It is made up of Indra, one of the leading global defense, air traffic and space companies, and Minsait, a leader of the digital transformation and information technologies in Spain and Latin America. Indra Group paves the way to a safer and better-connected future through innovative solutions, trusted relationships and the very best talent. Sustainability is an integral part of its strategy and culture in order to overcome current and future social and environmental challenges. In the 2023 financial year, Indra Group posted revenues totaling €4.343 billion, with more than 57,000 employees, a local presence in 46 countries and business operations in over 140 countries.

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