

European Union and Digital Society: *the Supercomputer of the future for our progress and the safety of citizens*

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It is called the 'Digital Decade' and it is a package of proposals drawn up by the European Commission to strengthen its digital sovereignty and get out of the grip of the large IT holding companies, in short, Europe will set its own rules and finish following those of others.

The actions envisaged concern: artificial intelligence, cybersecurity, data strategy, digital skills, connectivity and high-performance computing.

It is precisely in the area of high-performance computing that Europe has allocated the colossal sum of EUR 8 billion, intended for the construction of 3 supercomputers in the world's top five.

One of the 3 supercomputers will be in Italy while the other 2 will be located in Spain and Finland.

Already in 2018, Europe had made 1.5 billion euros available to start the supercomputer project, a machine capable of managing complex problems in the fields of health, energy, engineering and climate research and in many other sectors.

The goal of the project is to build computers that combine classical and quantum computing, so they will be able to perform even more operations in parallel.

The European supercomputer, currently located between Bologna, Barcelona and Jülich, is already available to research laboratories in the European Union to find an effective cure for coronavirus, through the analysis of the large amount of data that the States of the Union are collecting during the pandemic.

European investment in digital sovereignty must not only be seen as a simple, albeit very important, technological advance, but also an investment in our security, freedom, economic and political independence.

The annual reports prepared by the Department of Security Information present a very worrying picture for the security of our information.

The main targets of the attacks are: Ministries, Local Authorities and Companies, but the most dramatic thing is that the number of attacks that are constantly increasing, is counterbalanced by a lack of awareness of the danger of such actions.

With the 'Digital Decade', the European Union has set an ambitious programme not only to shape its digital future but at the same time to defend its own security and that of its citizens, that is, us!