



## **Teratec Quantum Computing Initiative (TQCI)**

*Press release, June 2020*

The aim of the TQCI (initiative) is to create a Center of Competence in Quantum Computing, "cementing" the ecosystem and bringing together future users, technology providers and research centers, in order to rapidly build up skills and develop know-how in the field of quantum computing.

Our initiative is based on three axis:

- ➔ Development of action-research in mathematical formulation, algorithms and numerical methods
- ➔ Realization of use cases and experimentation
- ➔ Training, information and community management

Following the presentation of the FORTEZA Report last January, the Government asked the four ministries concerned to draw up a Quantum Development Plan for France. This plan should give priority for France to gain capacity to design and build computers and accelerators using quantum technology on the national territory. Building on its key asset for co-design enabling industrial technology suppliers and future users to share the same project, TERATEC proposes that this Plan should simultaneously manage hardware and software developments and applications, while implementing its roadmap for TQCI.

As in 2019, TERATEC plans to organize two seminars in 2020, one devoted primarily to hardware developments and the second to Applications. This will be an opportunity for member partners to take ownership of the Government Plan and determine first concrete actions to be carried out as part of its application in the industrial world.

Association TERATEC

Association régie par la loi du 1er juillet 1901 modifiée et le décret du 16 août 1901 – SIRET 507 429 728 00011  
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