



Barcelona, 3 May 2018

# Workgroup



- **President**

- Montserrat Guardia Güell

- **Members**

- Ramsés Gallego, ISACA, VP Primero
- Juan Caubet, Eurecat, VP
- Enrique Lizaso, BlockTac, VP
- Alex Puig, Caelumlabs, Alastria
- Andrea Ortega, Cuatrecases, Alastria
- Núria Ávalos, Repsol, Alastria

- **Candidates**

- Jordi Herrera Joancomatí, UAB

**Miembros institucionales:**

EURECAT  
ISACA Barcelona  
ALASTRIA  
[barcelonaqbit-bqb](http://barcelonaqbit-bqb)

**Miembros empresariales:**

Entanglement Partners  
BLOCKTAC

# Workgroup



## Goal

Disseminate, publicize and serve as a meeting point to identify the potential benefits that can be offered by combining Quantum Computing and Blockchain / DLT Technologies, for any sensitive digital transfer.

## Projects

1. Disseminate the status and benefits of the combination of Quantum Computing & Blockchain through the regular publication of articles and news in different media. Promote community of knowledge.
2. Establish international cooperation agreements with entities and institutions interested in exploring the state of the art and the benefits of the quantum-blockchain.
3. Add institutional members that work in the areas of Legislation, Cybersecurity and Innovation, and with interest in the objectives of this commission.
4. On a technical level, study the algorithms of quantum computing from the state of the art of Blockchain development, as a way to attract talent giving an attractive career path.

# Workgroup



## Actions, 2018

1. Publish at least two articles on this field, in different media, one will be in an indexed magazine and another in impactful media.
2. Create the quantum-blockchain commission within the Alastria consortium to guarantee to promote interest within the Alastria partners organizations on the benefits that can be found by combining quantum and blockchain technologies, and get synergies on the potential needs to review European legislation.
3. Promote the understanding of the benefits of the combination of quantum key distribution (QKD) with post-quantum cryptography by creating a community of knowledge on the subject.

## Challenges

1. Convert the working group into an international meeting point and a reference on the benefits of the quantum-blockchain chain.
2. Ensure that the members of the working group have first-hand access to the latest developments.
3. Turn the Commission into a meeting point for talents in Quantum Computing and Blockchain, to further develop the possibilities and benefit the members of the Workgroup.