

Description the Interim Working Groups (IWG) and Work Packages (WP) of the European Quantum Industry Consortium – QuIC

Interim Working Groups (IWG):

IWG1: Governance Structure

- Elaborate the governance structure
- Document it in the Terms of Reference
- Determine an appropriate legal framework

IWG2: Instantiation

- Define process to determine board members
- Executive Secretary “search committee”

IWG3: Involvement

- Gather feedback and build consensus with whole group of QuIC consortium members
- Foster participation of QuIC consortium members

Work Packages (WP):

WP1: Market trends and use cases

- Identify market trends for QT and products/services potentially involving QT have to be identified.
- Identify possible use cases for QT have to be elicited, focus on economically viable use cases.
- Drive attention of public stakeholders to these use cases.

WP2: Intellectual Property (IP)

- Recommend sharing strategies for IP.
- Develop strategies such that IP enables a large and economically successful European QT industry.

WP3: Education

- Determine the industry’s workforce needs.
- Defined professional profiles for the QT domain.
- Propose changes to academic curricula to address these professional profiles.

WP4: Standards

- Identify where standards are required/useful.
- Support establishment and adoption of standards.

WP5: Industry state-of-the-art

- Elicit industry state-of-the-art.
- Communication it within QuIC.
- Discuss measures to advance it in a coordinated fashion (related to roadmap).

WP6: Strategic Industry Roadmap

- Develop and coordinate a Strategic Industry Roadmap, including the supply chain.

WP7: Coordination, processes, facilitation

- Develop and operate efficient coordination processes for the QT industry in Europe.
- Ensure access of companies to testbeds.

WP8: Ecosystem

- Describe ecosystem (involved companies, their areas of activity and position in the supply chain).
- Identify roadblocks in supply chain / enabling technologies / infrastructures and propose specific measures to remove / overcome them.

WP9: Funding

- Determine future financing needs and feedback to existing funding instruments.
- Share experience on how to get access to financing from VCs; in particular, connect startups & VCs (mainly for funding purposes) and access to funding.

WP10: SMEs and start-ups

- Develop an exchange platform to share ideas, best practices and create specific workshops in order create a unified voice and agenda for SMEs and Start-ups within quantum industry.