





EU Horizon-2020 Project UNIQORN

Affordable Quantum Communication for Everyone: Revolutionizing the Quantum Ecosystem from Fabrication to Application

EU Horizon-2020, FET Flagship on Quantum Technologies Grant Agreement nº 820474

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1.3	Final updates and preparation for submission	A.Karyda	29/11/2018

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Executive Summary

This deliverable presents the UNIQORN factsheet and the project's overview presentation. The project factsheet contains information about the project idea and the project participants and will be distributed in various scientific and industry events where the project partners are planning to participate. The project presentation gives a high-level overview of the project and will be enhanced with relevant information through the project's lifetime. It will also be used by the members of the consortium to present the project in various events. Moreover, they contain information about the EU funding incluging the EU emblem to comply with the Grant Agreement Article 29.4. Finally, both dissemination material have been designed to comply with the project's visual identity, such as the project logo and the color palette.



1 Introduction

1.1 Purpose and scope of the document

The purpose of the document is to present the project factsheet and general presentation, which have been designed to reach a diverse audience. These dissemination tools will be updated throughout the project to meet the dissemination needs for each stage of the project.

1.2 Relation to other project work

The deliverable is prepared within Task 8.3 "Dissemination of foreground knowledge and communication activities", which describes the activities that will be taken by the consortium to promote the project's results. D8.1 is related to the following WP8 deliverables:

- D8.2 "Website development and creation of social accounts" [M02] It focuses on the web presence of the project and gives a brief overview of the website design and social media accounts.
- D8.3 "**Press Release and Communication Kit**" [M03]: It will contain the 1st project press release in English and the communication kit, which will consists of the project's dissemination material with copyright clearance which the EC can use to further disseminate the project results.
- D8.4 "**Promotion video availability**" [M10]: This deliverable will contain the design and script of the project video.
- D8.5 "First period exploitation plans and project dissemination" [M18]: It will contain the dissemination and communication strategies of the project partners individually and the consortium as a whole and will report on the dissemination and communication activities undertaken in the first 18 months of the project.
- D8.9 "Final Press Release" [M36]: It will contain all necessary information about the projects final results.

1.3 Structure of the document

The document is structured in the following way:

- In chapter 2 we present the first UNIQORN Factsheet.
- In chapter 3 we include the slides of the project's general presentation.

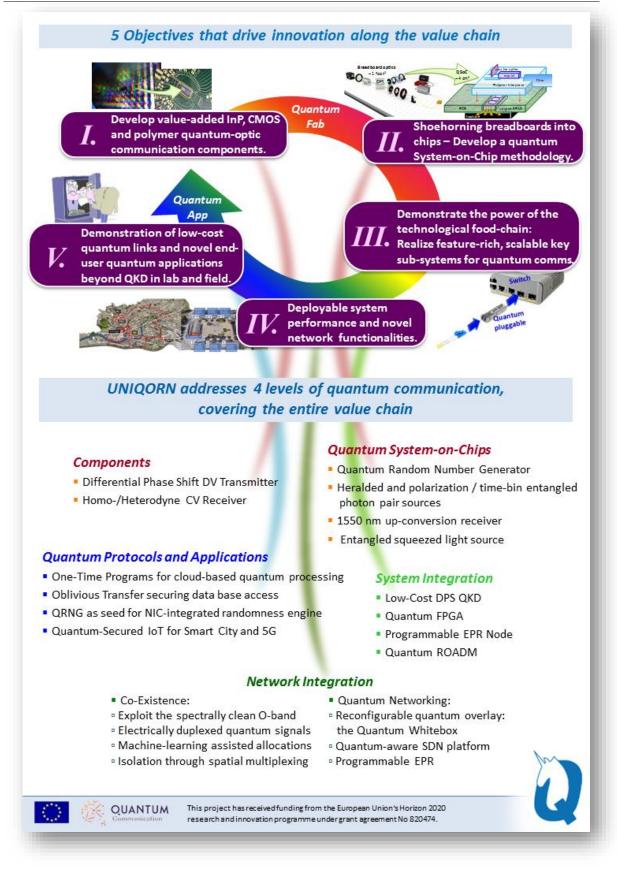


2 Factsheet

The UNIQORN factsheet describes the goals and innovations of the project and the areas of quantum communication, which will be addressed during the project's lifetime. Moreover, it contains the list of project partners, contact details as well as, the website address and social media accounts, and information about the EU funding. The factsheet is available at the project's website and it will also be distributed in relevant scientific and industry events.









3 Project Presentation

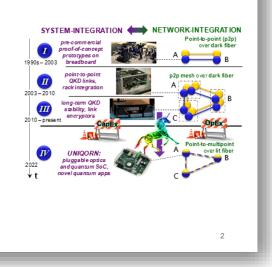
The project presentation gives an overview about the UNIQORN project. In particular, it contains information about the project's objectives, the position of the project within the Quantum Flagship and the TRL of the results expected at the end of the project. This presentation will be enhanced with relevant information during the project's lifetime and it is available at the project's website. The project partners will tailor the level of detail presented according to the background of the audience targeted in every event.



Quantum Communication Today

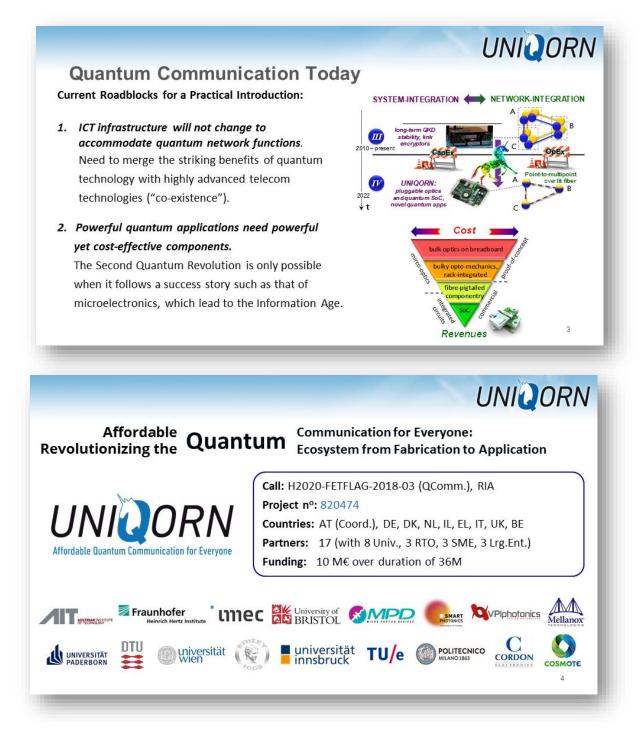
Aim: Ubiquitous Quantum Communication

- Quantum-enhanced communication protocols: information-theoretically secure key exchange, quantum random number generation and secure multiparty computation
- High technological readiness at the device level: Achieve cost-effectiveness through integrated, deployable quantum-photonic solutions



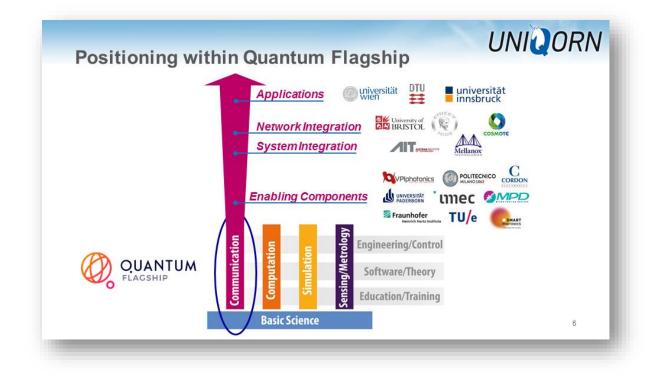
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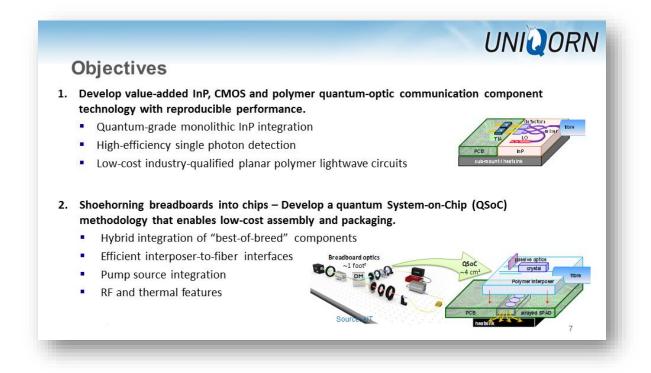


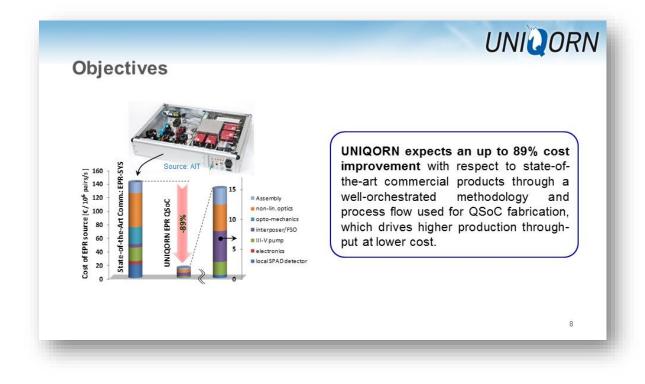


Multi-Disciplinarity is Key to Success!	UNIQORN
 Quantum engineers with strong roots in theory & experiment universität innsbruck universität innsbruck 	wien DTU
 RTOs turning basic science into applicable technology for years 	
 Photonic and electronic design of integrated circuits 	MILANO 1863
 Design automation and simulation C 	
Assembly and Packaging	
Telecom system integration	
Industrial End-User perspective	5

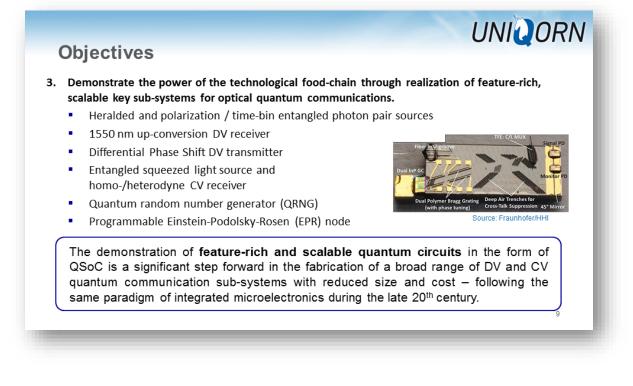


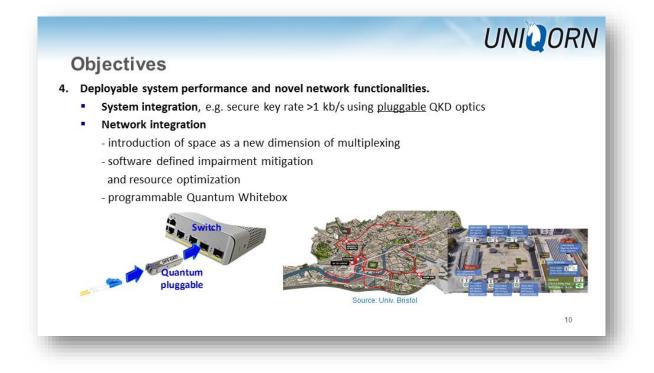




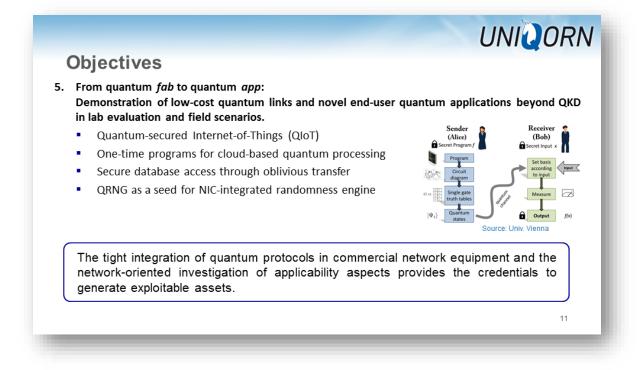


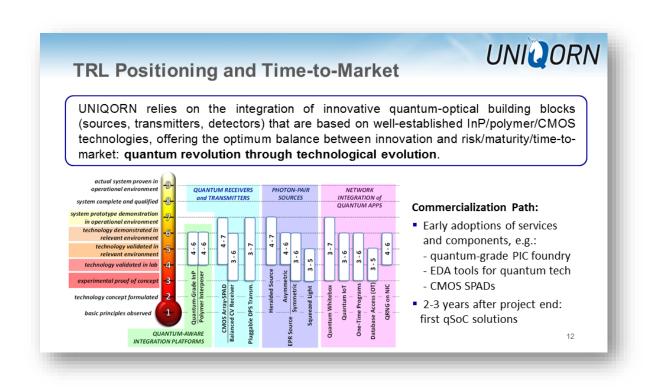
















This set of slides will be updated periodically with the new results as the project advances and will be adapted to meet the events' specific scopes and audiences.