



## **Cambridge Quantum Partners with PlanQK to Develop a Platform and Ecosystem for Quantum-Assisted Artificial Intelligence**

**CAMBRIDGE, UNITED KINGDOM, January 29, 2021** – Cambridge Quantum Computing ([CQC](#)) has partnered with Platform and Ecosystem for Quantum-Assisted Artificial Intelligence (PlanQK) to support the development of an open platform and ecosystem for Quantum-assisted Artificial Intelligence (QAI).

PlanQK's open platform provides the technical basis for the development of a community for QAI, with central artifacts including QAI algorithms, applications, as well as data pools, which will be stored in a special database called the QAI-Algorithm & AI-Data-Repository. In conjunction, Artificial Intelligence and Quantum Computing specialists in the PlanQK ecosystem have access to the repository to quality assure the algorithms and data pools, preparing them for use by the ecosystem's developers of concrete QAI application, customers, service providers and consultants.

"We are proud to join the PlanQK project. The Project's impact in driving a greater industry-wide focus on important initiatives, such as the development of a community for Quantum-assisted Artificial Intelligence, will be enhanced and supported by CQC's software development tool-kit, TKET, as well as our team that now comprises almost 100 scientists and over 60 Ph.D.'s. We look forward to helping to support the platform and our fellow partners." said CQC's Dr. Mark Jackson.

"We are excited to be joined by CQC as an associated partner of the PlanQK project. CQC is a pioneer in leveraging quantum applications for its customers and as such a great partner in the further development of our quantum ecosystem. We are looking forward to the application of the PlanQK platform to help CQC in serving its diverse

customer base and to collaborate on the development of further features.” commented Andreas Liebing, CEO of StoneOne AG and Consortium Lead of PlanQK.

### **About PlanQK**

PlanQK (Platform and Ecosystem for Quantum-Assisted Artificial Intelligence) is the winner of the AI innovation competition of the German Federal Ministry for Economic Affairs and Energy and, as a funded project, provides both the foundations and the platform for building a community around quantum-assisted artificial intelligence. The aim is to create easy access to expertise, algorithms and implementations/apps; especially for SMEs, which can hardly afford the high investments for the establishment of quantum-assisted artificial intelligence in their business models. The platform is particularly easy to integrate into customer systems due to the simple executability of apps on all common quantum computing providers and the use of standardized connections. The results of our work are regularly shared beyond the consortium and have led to over 40 additional associated partners. For more information, visit PlanQK at <https://planqk.de/en/>.

### **About Cambridge Quantum Computing**

Founded in 2014 and backed by some of the world’s leading quantum computing companies, CQC is a global leader in quantum software and quantum algorithms, enabling clients to achieve the most out of rapidly evolving quantum computing hardware. CQC has offices in the UK, USA and Japan. For more information, visit CQC at <http://www.cambridgequantum.com> and on [LinkedIn](#).