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3 May 2022

**Quantum Exponential Group plc**  
(the 'Company' or 'Quantum Exponential')

**Quantum Invests in Aeqiq Ltd**

Quantum Exponential Group plc (AQUIS: QBIT), a company focused on investing in quantum technology, is pleased to announce that it has invested £406,050 in two parts, (£256,050 equity, £150,000 convertible note) in Aeqiq Limited ('Aeqiq'), a hardware photonics company using quantum technologies to address the global cybersecurity threat posed by the rise of quantum computing.

**Highlights:**

- Aeqiq, recently won the Institute of Physics Business Start-Up Award for the development of its breakthrough quantum photonics platform using proprietary deterministic single-photon sources
- Aeqiq has been accepted into [The Quantum Economic Development Consortium](#) a consortium of stakeholders that aims to enable and grow the US quantum industry
- Diversified product range with plans to expand into EU, USA, and Canada

Other investors in this round include – High Tech Gründerfonds, a German investment firm focused on innovative high technology start-ups.

**Commenting on the investment, CEO of Quantum Exponential Group, Steven Metcalfe said:**

*“In a recent report by the World Economic Forum, quantum computing was listed as one of the top five threats to cybersecurity. Quantum computers have the capability to achieve in seconds what would take years in a traditional digital computer. Aeqiq’s innovative solutions aim to address what is a real threat to global security and we are delighted to be playing a part, albeit small, in supporting their growth objectives.”*

Using its quantum photonic platform technology, Aeqiq, a spin-out from the University of Sheffield, and the winner of the prestigious Institute of Physics Business Start-Up Award, is developing a breakthrough quantum photonics platform technology. This patented hardware solution will serve the basis for large-scale networking applications with quantum security and data links, including quantum key distribution (QKD), as well as quantum computing. In

addition, the technology enables a range of new R&D applications in quantum science, sensing, imaging, and others, and is ready to service this market.

The funds invested will be used to expand into new geographies, providing it with access to additional talent, customers, and potential investors.

Following the investment, Quantum Exponential will have a **c 4.06%** stake in Aegiq's issued share capital on a fully diluted basis.

This announcement contains information which, prior to its disclosure, was inside information as stipulated under Regulation 11 of the Market Abuse (Amendment) (EU Exit) Regulations 2019/310 (as amended).

The Directors take responsibility for this announcement.

**\*\*ENDS\*\***

For more information, visit the Company's website: [www.quantum-exponential.co.uk](http://www.quantum-exponential.co.uk) or contact:

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Notes to Editors

### **About Quantum Exponential Group plc**

Quantum Exponential is a first of its kind, AQSE Growth Market SPAC, focused on opportunities in quantum technology and the wider quantum computing sector, with an advisory board made up of industry advisors, entrepreneurs, and technology investment professionals with broad access to quantum opportunities and markets. Quantum Exponential's investment strategy is to assemble a portfolio of minority investments in early-stage global quantum technology companies, primarily in NATO allied countries, offering institutional and private investors access to revolutionising technologies and industries in the realms of artificial intelligence, manufacturing and healthcare.

Quantum Exponential trades on AQSE Growth Market under the ticker symbol "QBIT".

### **About Aegiq**

Aegiq (/ˈiːdʒɪk/, ee-jik) is building a new generation of networking and computing with quantum technology. The company is using its pioneering single-photon and integrated quantum optics platform to address the demand for next-gen fibre and satellite quantum communications, as well as drive further research and development in quantum computing and quantum optics using its advanced technology.