Press release
Robert Bosch Venture Capital

Quantum Motion Raises £42 Million Investment round led by Bosch Ventures
Highly scalable Silicon based Quantum Computers

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- CMOS based electron-spin Quantum Computing enables scaling
- Bosch Ventures places its third investment in the quantum space
- Largest funding round in a UK, Quantum Computing scale up

London, UK. 21 February 2023 – Quantum Motion, a UK-based quantum computing scale-up founded by Professor John Morton, UCL, and Professor Simon Benjamin, Oxford University, has raised over £42 million in equity funding from some of the world's leading quantum and technology investors. The oversubscribed round is led by Bosch Ventures and joined by Porsche Automobil Holding SE (Porsche SE) and British Patient Capital. All existing investors from earlier rounds (Oxford Science Enterprises, Inkef, Parkwalk Advisors, Octopus Ventures, IP Group and NSSIF) are again participating. This is one of the most significant raises in UK quantum computing and allows Quantum Motion to accelerate its development of silicon quantum processors by developing deeper ties with its manufacturing partners and trebling the size of its central London headquarters.

Quantum computers offer an opportunity for transformative computing power with the potential to disrupt sectors ranging from energy and pharmaceuticals to finance and logistics. Quantum Motion's vision is to develop scalable quantum computers by harnessing highly advanced silicon transistor manufacturing processes. Over the last two years the company has made a series of peer-reviewed and record-breaking achievements that underline how silicon could be the fastest, most cost-effective and scalable way of producing the millions of qubits that are needed to create fully-functional, fault tolerant quantum computers.

Quantum Motion's latest funding round brings the total raised to more than £62 million. The company has previously raised over £20m in equity and grant funding from the UK and EU and existing investors which have supported the company through its early-stage work and growth, enabling it to hit a sequence of

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milestones that demonstrate a clear path towards building quantum computers. It has designed and validated integrated circuits capable of generating, routing and processing signals at deep cryogenic temperatures, operating down to a few tenths of a degree above absolute zero. Recent demonstrations such as the mass characterization of thousands of multiplexed quantum dots fabricated in a tier one foundry have further underlined the company's advantage.

James Palles-Dimmock, CEO of Quantum Motion, said, "The support of leading technology investors enables us to realize our vision of a quantum computer built using standard foundry processes. This support, along with the continuing UK national quantum programme and European initiatives, provides a step-change in our capabilities. We have assembled a world leading team and with the funding and support in place, we are ready to scale and deliver on our vision."

"CMOS based quantum computing leverages on today's sophisticated chip manufacturing processes and fabs," says Ingo Ramesohl, Managing Director Bosch Ventures. "Quantum Motion has demonstrated that it can take quantum theory out of a lab into the real world to create a scalable path to a quantum future. We're excited to join the company and break new ground in the years to come." Among other things Bosch wants to use quantum computing simulation of materials to find surrogates for the precious metals and rare earths in carbon-neutral powertrains.

Press photos: #199ad4a2, #fab230dc, #ab5f0f27

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About Bosch Ventures

Robert Bosch Venture Capital GmbH (Bosch Ventures) is the corporate venture capital company of the Bosch Group, a leading global supplier of technology and services. Bosch Ventures invests worldwide in innovative start-up companies at all stages of their development. Its investment activities focus on technology companies working in areas of business of current and future relevance for Bosch, above all, automation and electrification, energy efficiency, enabling technologies, and healthcare systems. Bosch Ventures also invests in services and business models that are relevant to the above-mentioned areas of business. Furthermore, Bosch Ventures enables co-innovation between Bosch and startup through the Open Bosch Program.
Additional information is available online at: www.rbvc.com

The Bosch Group is a leading global supplier of technology and services. It employs roughly 420,000 associates worldwide (as of December 31, 2022). According to preliminary figures, the company generated sales of 88.4 billion euros in 2022. Its operations are divided into four business sectors: Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. As a leading IoT provider, Bosch offers innovative solutions for smart homes, Industry 4.0, and connected mobility. Bosch is pursuing a vision of mobility that is sustainable, safe, and exciting. It uses its expertise in sensor technology, software,

and services, as well as its own IoT cloud, to offer its customers connected, cross-domain solutions from a single source. The Bosch Group's strategic objective is to facilitate connected living with products and solutions that either contain artificial intelligence (AI) or have been developed or manufactured with its help. Bosch improves quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is "Invented for life." The Bosch Group comprises Robert Bosch GmbH and its roughly 440 subsidiary and regional companies in some 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. With its more than 400 locations worldwide, the Bosch Group has been carbon neutral since the first quarter of 2020. The basis for the company's future growth is its innovative strength. At 128 locations across the globe, Bosch employs some 85,000 associates in research and development, of which nearly 44,000 are software engineers.

The company was set up in Stuttgart in 1886 by Robert Bosch (1861–1942) as "Workshop for Precision Mechanics and Electrical Engineering." The special ownership structure of Robert Bosch GmbH guarantees the entrepreneurial freedom of the Bosch Group, making it possible for the company to plan over the long term and to undertake significant upfront investments in the safeguarding of its future. Ninety-four percent of the share capital of Robert Bosch GmbH is held by Robert Bosch Stiftung GmbH, a charitable foundation. The remaining shares are held by Robert Bosch GmbH and by a corporation owned by the Bosch family. The majority of voting rights are held by Robert Bosch Industrietreuhand KG, an industrial trust. The entrepreneurial ownership functions are carried out by the trust.

Additional information is available online at www.bosch.com, www.iot.bosch.com, www.bosch-press.com, www.twitter.com/BoschPress

About Quantum Motion

Founded in 2017, Quantum Motion is developing the building blocks for quantum computers out of silicon. Compared with other exotic materials and methods, silicon has numerous advantages: it is a proven technology in computing, uses ubiquitous materials and existing industrial manufacturing processes. Consequently, silicon could be the fastest, most cost-effective and scalable way of producing the millions of qubits that are needed to create fully functional, fault tolerant quantum computers. The company is led by founders Prof. Simon Benjamin (Oxford University), Prof. John Morton (UCL) and CEO Dr. James Palles-Dimmock and chaired by Alberto Sangiovanni-Vincentelli.

Quantum Motion's latest funding round takes the total raised to £62 million. The company has previously raised over £20m in equity and grant funding, with venture backing from INKEF, IP Group, NSSIF, Octopus Ventures, Oxford Sciences Enterprises and Parkwalk Advisors.