



Xanadu Quantum Technologies Inc.
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2 November 2023

The Honorable Frank Lucas
Chair of the House Science, Space, and Technology Committee
U.S. House of Representatives
Washington DC 20515

The Honorable Zoe Lofgren
Ranking Member of the House Science, Space, and Technology Committee
U.S. House of Representatives
Washington DC 20515

RE: Support for the National Quantum Initiative Reauthorization Act

Dear Chairman Lukas and Ranking Member Lofgren,

I write today to thank you for your continued leadership and determination to advance the National Quantum Initiative Reauthorization Act, a vital piece of legislation not only for the United States, but for America's closest allies and partners, including Canada.

My name is Dr. Christian Weedbrook and I am the CEO of Xanadu Quantum Technologies Inc., a Canadian quantum computing company and one of the world's leading photonic quantum hardware providers. Founded in 2016, Xanadu's mission is to build quantum computers that are useful and available to people everywhere. To further this mission, Xanadu has established formal partnerships with leading technology companies in the United States, as well as with a wide range of U.S. Government agencies, including the Defense Advanced Research Projects Agency (DARPA), the National Institute of Standards and Technology (NIST), and the U.S. Department of Energy. Xanadu was also one of the first quantum computing companies from outside the United States to join the U.S. Quantum Economic Development Consortium (QED-C) and has been an active member ever since.

Over the past five years, the National Quantum Initiative Act (NQIA) has been instrumental in forging strong cross-border collaborations between the U.S. and its allies. In the global competition for quantum leadership, the United States is undoubtedly stronger when it joins together with likeminded nations to achieve shared goals and aspirations. The NQIA has been indispensable in this regard.

As such, I would like to commend you and your colleagues in the House Science, Space, and Technology Committee for your efforts to build upon the successes of the 2018 NQIA by



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reaffirming, through the NQIA Reauthorization, America's commitment to international cooperation. Specifically, I would like to express Xanadu's strong support for the draft language contained in Section 9 (International Quantum Cooperation Strategy), Section 11 (National Institute of Standards and Technology Activities and Quantum Consortium), and Section 13 (Quantum Information Science Research and Education Program), all of which call for continued and expanded cooperation with U.S. allies and partners.

In 2023-2024, Xanadu will be opening its U.S. subsidiary and offices in the United States. Through this new U.S. entity, we expect to grow our relationships with the U.S. Government, with U.S. technology companies, and with the many U.S. academic institutions leading the way in quantum information science and technology. We believe the NQIA Reauthorization will be a bedrock of U.S. quantum policy for years to come and are committed to ensuring that North America remains the world's leader in quantum technologies for the years to come.

Please do not hesitate to contact me if you require any further information at Email: christian@xanadu.ai or Phone: +1-416-304-9629

Yours sincerely,

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