



January 6, 2026

The Honorable Todd Young  
185 Dirksen Senate Office Building  
Washington DC 20510

The Honorable Maria Cantwell  
511 Hart Senate Office Building  
Washington DC 20510

Dear Senators Young and Cantwell:

The [Quantum Industry Coalition](#) (QIC) is a group of companies dedicated to maintaining the United States' leadership in the development and commercialization of quantum technologies. Our members range from start-ups to Fortune 100 companies focusing on many aspects of quantum technology, including hardware, software, and application development.

Quantum technologies have the potential to bring transformative economic, scientific, and national security advantages to the American people. It is imperative that the United States lead in the ongoing global quantum race. We must not risk losing our competitive edge at this key moment. For this reason, reauthorizing and updating the National Quantum Initiative (NQI) is our top priority.

We strongly support the NQI Reauthorization Act, and we thank you for your work to draft and introduce it. We support the bill's provisions creating prize challenges, accelerating quantum application and algorithm development, establishing centers for quantum sensing, measurement, and engineering, addressing supply chain resilience, promoting workforce development, expanding the NQI to include NASA, and reducing regulatory burdens.

We are committed to working with you to advance the bill through the Senate Commerce, Science, and Transportation Committee, where we would support additional measures to promote commercialization while mitigating known risks and barriers. We recommend adding language that would enable the NQI to help federal departments and agencies identify potential mission-critical quantum use cases (such as scientific discovery, military logistics, natural resource discovery, air traffic management, and medical research) and then develop plans to procure quantum solutions.

This approach will help build demand for quantum technologies across the federal government. It will send a strong demand signal to industry without picking winners or losers in the marketplace. It will also advance U.S. quantum leadership and ensure taxpayer dollars are spent on scalable, viable technologies with high-impact use cases.

We also believe it is essential to support domestic design and production of critical technologies including chips, photonic elements, cryogenic systems, connectivity solutions and other components that are central to a broad range of quantum systems by including language that supports U.S. manufacturers.

Some say quantum technologies are not yet ready for commercialization, but this is demonstrably false. Certain quantum technologies are already commercially available, and the quantum fields are developing rapidly. This legislation will last for five years – or more. It is important that the NQI be able to support and advance the U.S. quantum industry not just today, but also in 2031 and beyond, so that the U.S. maintains and expands its quantum leadership.

Thank you for addressing this issue of strategic importance to the nation.

Sincerely,



Paul Stimers  
Executive Director  
Quantum Industry Coalition  
[www.quantumindustrycoalition.com](http://www.quantumindustrycoalition.com)