## Second Regular Session Seventy-fourth General Assembly STATE OF COLORADO

# REVISED

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SJR24-011

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### SENATE JOINT RESOLUTION 24-011

101 CONCERNING THE RECOGNITION OF COLORADO'S GLOBALLY
 102 COMPETITIVE QUANTUM TECHNOLOGY INDUSTRY.

1 WHEREAS, Under the federal "Creating Helpful Incentives to 2 Produce Semiconductors (CHIPS) and Science Act" enacted in 2022, the 3 United States Department of Commerce's Economic Development 4 Administration is overseeing the Regional Technology and Innovation 5 Hubs, or "Tech Hubs", program, a competitive process to select 5 to 10 6 federally designated Tech Hubs across the country, with \$500 million in 7 appropriated funding available in 2024 and up to \$10 billion over 5 years; 8 and

9 WHEREAS, In October 2023, the federal government announced
10 that Colorado was successful in its bid pursuing a regional Phase 1 Tech
11 Hub designation, enabling our state to compete for new funds to develop

HOUSE Final Reading April 8, 2024



the quantum technology industry; the Tech Hub bid is led by Elevate
Quantum, a Colorado-led nonprofit consisting of a consortium of over 70
member organizations across Colorado, New Mexico, and Wyoming
aiming to maintain the Mountain West as the nation's leading quantum
ecosystem; and

6 WHEREAS, Colorado is currently competing nationally for the 7 Tech Hubs program's Phase 2 Tech Hub designation and accompanying 8 grant for quantum technology; if successful, Colorado will secure the 9 federal funding necessary to develop a global hub for the quantum 10 technology ecosystem, including quantum computing, sensing, 11 networking, and enabling hardware; and

WHEREAS, Colorado is internationally recognized for its
contributions to quantum physics and is home to 4 winners of the Nobel
Prize in Physics for quantum breakthroughs that shifted global
understanding in the field; and

WHEREAS, Colorado has more quantum startups, more deployed
 quantum technology, more private sector investments in quantum
 technology, more employees working for quantum companies, and more
 overall economic output within the quantum industry than any other state;
 and

WHEREAS, Colorado's quantum technology industry has fostered
a 40% increase in the number of patents secured over the last 10 years
and a 545% increase in the total third-party funding amount over the last
5 years; and

WHEREAS, Establishing Colorado as the global hub for quantum
technology will result in an economic impact of more than \$1 billion
statewide and over 10,000 jobs from the Phase 2 Tech Hub designation
alone; and

WHEREAS, Colorado's quantum technology industry has garnered
 international recognition for its groundbreaking achievements,
 positioning the state as a leader in quantum research, development, and
 innovation; and

WHEREAS, The collaborative efforts of higher education
 institutions, industry, and government agencies have played a pivotal role
 in nurturing Colorado's quantum technology ecosystem, fostering an

environment conducive to research advancements, technology
 deployment to improve quality of life, and economic prosperity for
 Colorado and our global community; now, therefore,

4 Be It Resolved by the Senate of the Seventy-fourth General 5 Assembly of the State of Colorado, the House of Representatives 6 concurring herein:

7 That we, the members of the Colorado General Assembly:

8 (1) Recognize the growing and competitive position of Colorado's 9 application for designation as a Phase 2 Tech Hub for quantum 10 technology and acknowledge Colorado's exemplary achievements and 11 strategic initiatives in quantum technology; and

(2) Urge the Economic Development Administration and any
 additional federal agencies overseeing the Phase 2 Tech Hubs selection
 process to support Colorado's achievements and strategic initiatives and
 consider Colorado for federal designation as a Phase 2 Tech Hub for
 quantum technology.

Be It Further Resolved, That copies of this Joint Resolution be sent
to the Office of the Governor, the Colorado Office of Economic
Development and International Trade, the United States Economic
Development Administration and any additional federal agencies
overseeing the Phase 2 Tech Hubs selection process, Elevate Quantum,
and each member of Colorado's congressional delegation.