

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

INTRODUCED

LLS NO. R24-0993.01 June McCabe x4143

SJR24-011

SENATE SPONSORSHIP

Baisley,

HOUSE SPONSORSHIP

Valdez and Soper,

Senate Committees

House Committees

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

Shading denotes HOUSE amendment. Double underlining denotes SENATE amendment.
Capital letters or bold & italic numbers indicate new material to be added to existing law.
Dashes through the words or numbers indicate deletions from existing law.

1 the quantum technology industry; the Tech Hub bid is led by Elevate
2 Quantum, a Colorado-led nonprofit consisting of a consortium of over 70
3 member organizations across Colorado, New Mexico, and Wyoming
4 aiming to maintain the Mountain West as the nation's leading quantum
5 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

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

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

21 WHEREAS, Colorado's quantum technology industry has fostered
22 a 40% increase in the number of patents secured over the last 10 years
23 and a 545% increase in the total third-party funding amount over the last
24 5 years; and

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

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

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

1 environment conducive to research advancements, technology
2 deployment to improve quality of life, and economic prosperity for
3 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

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

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