

1-1 By: Capriglione, et al. H.B. No. 4751
 1-2 (Senate Sponsor - Parker, et al.)
 1-3 (In the Senate - Received from the House May 8, 2025;
 1-4 May 8, 2025, read first time and referred to Committee on Business
 1-5 & Commerce; May 22, 2025, reported favorably by the following vote:
 1-6 Yeas 11, Nays 0; May 22, 2025, sent to printer.)

1-7 COMMITTEE VOTE

	Yea	Nay	Absent	PNV
1-8				
1-9	X			
1-10	X			
1-11	X			
1-12	X			
1-13	X			
1-14	X			
1-15	X			
1-16	X			
1-17	X			
1-18	X			
1-19	X			

1-20 A BILL TO BE ENTITLED
 1-21 AN ACT

1-22 relating to the establishment and administration of the Texas
 1-23 Quantum Initiative.

1-24 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF TEXAS:

1-25 SECTION 1. Chapter 481, Government Code, is amended by
 1-26 adding Subchapter HH to read as follows:

1-27 SUBCHAPTER HH. TEXAS QUANTUM INITIATIVE

1-28 Sec. 481.681. DEFINITIONS. In this subchapter:

1-29 (1) "Executive committee" means the executive
 1-30 committee of the initiative.

1-31 (2) "Initiative" means the Texas Quantum Initiative.

1-32 (3) "Institution of higher education" has the meaning
 1-33 assigned by Section 61.003, Education Code.

1-34 Sec. 481.682. ESTABLISHMENT; PURPOSES. (a) The Texas
 1-35 Quantum Initiative is established to:

1-36 (1) establish and advance this state's position as a
 1-37 national leader in the quantum industry; and

1-38 (2) accelerate the integration of quantum computing,
 1-39 networking, and sensing technology into the economy of this state.

1-40 (b) The purposes of the initiative are to:

1-41 (1) leverage the expertise and capacity of regulatory
 1-42 stakeholders and institutions of higher education and industry to
 1-43 advise and provide input to the office regarding a comprehensive
 1-44 strategic plan to ensure the development of quantum technologies in
 1-45 this state;

1-46 (2) identify obstacles and provide recommendations to
 1-47 the governor and legislature regarding quantum economic
 1-48 opportunities and technologies;

1-49 (3) provide strategic leadership with respect to
 1-50 quantum initiatives;

1-51 (4) identify and advise the office on opportunities
 1-52 for workforce training and development related to the research,
 1-53 design, and manufacturing of quantum computing technology;

1-54 (5) support existing quantum computing and networking
 1-55 industries in this state;

1-56 (6) provide recommendations to the office on research
 1-57 and funding opportunities related to quantum research, design,
 1-58 commercialization, and manufacturing;

1-59 (7) support the development of a quantum manufacturing
 1-60 supply chain in this state; and

1-61 (8) develop a comprehensive strategic plan for the
 1-62 state to ensure ongoing quantum leadership, prioritizing

2-1 commercial and practical utility, through investments in the
 2-2 necessary foundational infrastructure, including quantum systems
 2-3 and networking equipment, jobs and workforce, and real property.

2-4 Sec. 481.683. ADMINISTRATIVE ATTACHMENT. (a) The
 2-5 initiative is administratively attached to the office of the
 2-6 governor.

2-7 (b) The office of the governor shall hire or otherwise
 2-8 provide the staff and provide the facilities necessary to assist
 2-9 the initiative in performing the initiative's duties under this
 2-10 subchapter.

2-11 Sec. 481.684. EXECUTIVE COMMITTEE COMPOSITION. (a) The
 2-12 initiative is governed by an executive committee composed of seven
 2-13 members appointed by the governor.

2-14 (b) In making appointments under Subsection (a), priority
 2-15 shall be given to individuals from the quantum design and
 2-16 manufacturing sectors.

2-17 (b-1) Appointments to the executive committee shall be made
 2-18 without regard to the race, color, disability, sex, religion, age,
 2-19 or national origin of the appointee.

2-20 (c) In making appointments under Subsection (a), the
 2-21 governor shall ensure that the members of the executive committee
 2-22 include:

2-23 (1) at least one representative from a quantum
 2-24 infrastructure provider who has demonstrated experience in:

2-25 (A) implementing quantum networks in similar
 2-26 settings; and

2-27 (B) deploying leading edge quantum computing
 2-28 systems in third-party data centers; and

2-29 (2) at least one representative of a manufacturer of a
 2-30 quantum computing system with the ability to enable the creation
 2-31 and deployment of quantum solutions with commercial and practical
 2-32 use.

2-33 (d) An executive committee member serves a six-year term at
 2-34 the pleasure of the governor. The terms of executive committee
 2-35 members must be staggered so that, to the extent practicable, the
 2-36 terms of one-third of executive committee members expire on January
 2-37 31 of each odd-numbered year. An executive committee member may be
 2-38 reappointed for additional terms.

2-39 (e) A vacancy on the executive committee shall be filled by
 2-40 appointment. The authority that appointed the former member of the
 2-41 vacant position shall appoint a new member to the vacant position.

2-42 (f) Initial executive committee appointments shall be made
 2-43 by October 1, 2025. This subsection expires December 31, 2025.

2-44 Sec. 481.685. EXECUTIVE DIRECTOR. The office shall hire an
 2-45 executive director. The executive director shall direct initiative
 2-46 staff and assist the initiative in performing the initiative's
 2-47 duties under this subchapter.

2-48 Sec. 481.686. DUTIES OF EXECUTIVE COMMITTEE. The executive
 2-49 committee shall:

2-50 (1) advise and provide input to the office regarding
 2-51 the comprehensive statewide strategic plan to further the purposes
 2-52 of:

2-53 (A) the initiative under Section 481.682; and

2-54 (B) the executive committee under this section;

2-55 (2) solicit recommendations from institutions of
 2-56 higher education, initiative members, and stakeholders on funding
 2-57 and research opportunities related to quantum education and
 2-58 research, design, commercialization, community outreach, and
 2-59 manufacturing projects; and

2-60 (3) administer funds, including any funds
 2-61 appropriated by the legislature or available under Section 481.689,
 2-62 to support quantum design and manufacturing, capital projects,
 2-63 supply chain development, and other initiatives.

2-64 Sec. 481.687. STRATEGIC PLAN. (a) The office shall develop
 2-65 a strategic plan for the promotion of the quantum economy in this
 2-66 state. The plan must include:

2-67 (1) a list of potential projects that further the
 2-68 goals of the initiative;

2-69 (2) a list of federal grant opportunities that are

3-1 related to quantum technology and for which institutions in this
3-2 state are eligible to apply;

3-3 (3) an assessment of the availability of external
3-4 funding sources for each project identified under Subdivision (1);
3-5 and

3-6 (4) any other information the office and the executive
3-7 committee determine is relevant to further the initiative's goals.

3-8 (b) The office shall submit the strategic plan required by
3-9 this section not later than December 31 of each year to the
3-10 governor, the lieutenant governor, and the speaker of the house of
3-11 representatives.

3-12 Sec. 481.688. BIENNIAL REPORT. Not later than December 1 of
3-13 each even-numbered year, the office shall prepare and submit to the
3-14 Legislative Budget Board a written report that outlines:

3-15 (1) activities undertaken to meet the purposes of the
3-16 initiative under Section 481.682;

3-17 (2) a summary of the funding and research
3-18 opportunities identified by the office;

3-19 (3) any legislative recommendations to further the
3-20 purposes of the initiative;

3-21 (4) any prospective grants or funding the initiative
3-22 members expect to apply for or receive; and

3-23 (5) any research accomplishments associated with the
3-24 initiative.

3-25 Sec. 481.689. QUANTUM UNIVERSITY AND BUSINESS INNOVATION
3-26 FOR TEXAS FUND. (a) In this section, "fund" means the Quantum
3-27 University and Business Innovation for Texas Fund created by this
3-28 section.

3-29 (b) The Quantum University and Business Innovation for
3-30 Texas Fund is created as a dedicated account within the general
3-31 revenue fund. The fund consists of:

3-32 (1) gifts, grants, or donations to the fund;

3-33 (2) money from any other source designated by the
3-34 legislature; and

3-35 (3) interest earned from investing money from the
3-36 fund.

3-37 (c) The office may invest money from the fund or use money in
3-38 the fund to:

3-39 (1) provide matching funding to state entities,
3-40 including institutions of higher education, for quantum
3-41 manufacturing and design projects;

3-42 (2) award grants to business entities to encourage
3-43 economic development related to quantum manufacturing and design
3-44 projects; and

3-45 (3) pay for staff support services described by
3-46 Section 481.683(b).

3-47 (d) Matching funding to state entities for quantum
3-48 manufacturing and design projects may come from any lawful source,
3-49 including general revenue, local bonds, grants, or other money from
3-50 the United States, or private endowments.

3-51 SECTION 2. This Act takes effect September 1, 2025.

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