

By: Capriglione, Bonnen, Raymond, Lalani,  
Kitzman

H.B. No. 4751

A BILL TO BE ENTITLED

AN ACT

relating to the establishment and administration of the Texas  
Quantum Initiative.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF TEXAS:

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

SUBCHAPTER HH. TEXAS QUANTUM INITIATIVE

Sec. 481.681. DEFINITIONS. In this subchapter:

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

(2) "Initiative" means the Texas Quantum Initiative.

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

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

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

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

(b) The purposes of the initiative are to:

(1) leverage the expertise and capacity of regulatory  
stakeholders and institutions of higher education and industry to  
advise and provide input to the office regarding a comprehensive  
strategic plan to ensure the development of quantum technologies in

this state;

(2) identify obstacles and provide recommendations to the governor and legislature regarding quantum economic opportunities and technologies;

(3) provide strategic leadership with respect to quantum initiatives;

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

(5) support existing quantum computing and networking industries in this state;

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

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

(8) develop a comprehensive strategic plan for the state to ensure ongoing quantum leadership, prioritizing commercial and practical utility, through investments in the necessary foundational infrastructure, including quantum systems and networking equipment, jobs and workforce, and real property.

Sec. 481.683. ADMINISTRATIVE ATTACHMENT. (a) The initiative is administratively attached to the office of the governor.

(b) The office of the governor shall hire or otherwise provide the staff and provide the facilities necessary to assist the initiative in performing the initiative's duties under this

1 subchapter.

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

5 (b) In making appointments under Subsection (a), priority  
6 shall be given to individuals from the quantum design and  
7 manufacturing sectors.

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

11 (c) In making appointments under Subsection (a), the  
12 governor shall ensure that the members of the executive committee  
13 include:

14 (1) at least one representative from a quantum  
15 infrastructure provider who has demonstrated experience in:

16 (A) implementing quantum networks in similar  
17 settings; and

18 (B) deploying leading edge quantum computing  
19 systems in third-party data centers; and

20 (2) at least one representative of a manufacturer of a  
21 quantum computing system with the ability to enable the creation  
22 and deployment of quantum solutions with commercial and practical  
23 use.

24 (d) An executive committee member serves a six-year term at  
25 the pleasure of the governor. The terms of executive committee  
26 members must be staggered so that, to the extent practicable, the  
27 terms of one-third of executive committee members expire on January

1 31 of each odd-numbered year. An executive committee member may be  
2 reappointed for additional terms.

3 (e) A vacancy on the executive committee shall be filled by  
4 appointment. The authority that appointed the former member of the  
5 vacant position shall appoint a new member to the vacant position.

6 (f) Initial executive committee appointments shall be made  
7 by October 1, 2025. This subsection expires December 31, 2025.

8 Sec. 481.685. EXECUTIVE DIRECTOR. The office shall hire an  
9 executive director. The executive director shall direct initiative  
10 staff and assist the initiative in performing the initiative's  
11 duties under this subchapter.

12 Sec. 481.686. DUTIES OF EXECUTIVE COMMITTEE. The executive  
13 committee shall:

14 (1) advise and provide input to the office regarding  
15 the comprehensive statewide strategic plan to further the purposes  
16 of:

17 (A) the initiative under Section 481.682; and

18 (B) the executive committee under this section;

19 (2) solicit recommendations from institutions of  
20 higher education, initiative members, and stakeholders on funding  
21 and research opportunities related to quantum education and  
22 research, design, commercialization, community outreach, and  
23 manufacturing projects; and

24 (3) administer funds, including any funds  
25 appropriated by the legislature or available under Section 481.689,  
26 to support quantum design and manufacturing, capital projects,  
27 supply chain development, and other initiatives.

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

4               (1) a list of potential projects that further the  
5 goals of the initiative;

6               (2) a list of federal grant opportunities that are  
7 related to quantum technology and for which institutions in this  
8 state are eligible to apply;

9               (3) an assessment of the availability of external  
10 funding sources for each project identified under Subdivision (1);  
11 and

12               (4) any other information the office and the executive  
13 committee determine is relevant to further the initiative's goals.

14       (b) The office shall submit the strategic plan required by  
15 this section not later than December 31 of each year to the  
16 governor, the lieutenant governor, and the speaker of the house of  
17 representatives.

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

21               (1) activities undertaken to meet the purposes of the  
22 initiative under Section 481.682;

23               (2) a summary of the funding and research  
24 opportunities identified by the office;

25               (3) any legislative recommendations to further the  
26 purposes of the initiative;

27               (4) any prospective grants or funding the initiative

members expect to apply for or receive; and

(5) any research accomplishments associated with the initiative.

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

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

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

(2) money from any other source designated by the legislature; and

(3) interest earned from investing money from the fund.

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

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

(2) award grants to business entities to encourage economic development related to quantum manufacturing and design projects; and

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

(d) Matching funding to state entities for quantum manufacturing and design projects may come from any lawful source,

H.B. No. 4751

1 including general revenue, local bonds, grants, or other money from  
2 the United States, or private endowments.

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