

Overview of U.S. Higher Education

Times Higher Education *World University Rankings*
13 of the top 20 HEIs are U.S.

QS *World University Rankings*
11 of the top 20 HEIs are U.S.

52% of Americans have a postsecondary degree (OECD)



Over 1 million international students studied at U.S. HEIs in 2022-23 (IIE *Open Doors*), making U.S. the top destination in the world.

Public HEI

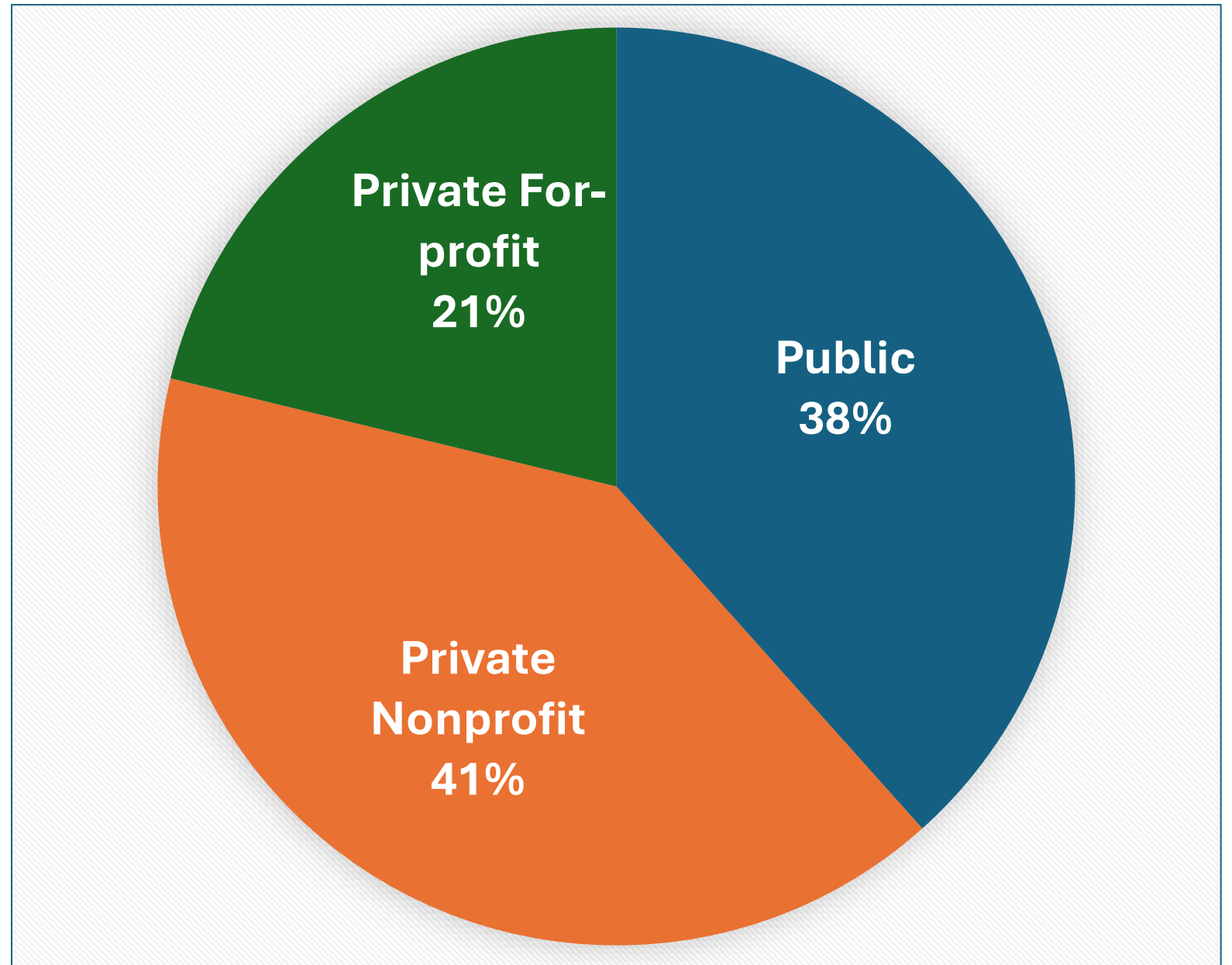
Established and partially funded by the state or national government – on average, 21 % of budget from the state and 13% from the federal government.

Private HEI

Established and partially funded by individuals or organizations outside the government.

For-profit HEIs distribute their profits among the institution's owners, investors, and shareholders.

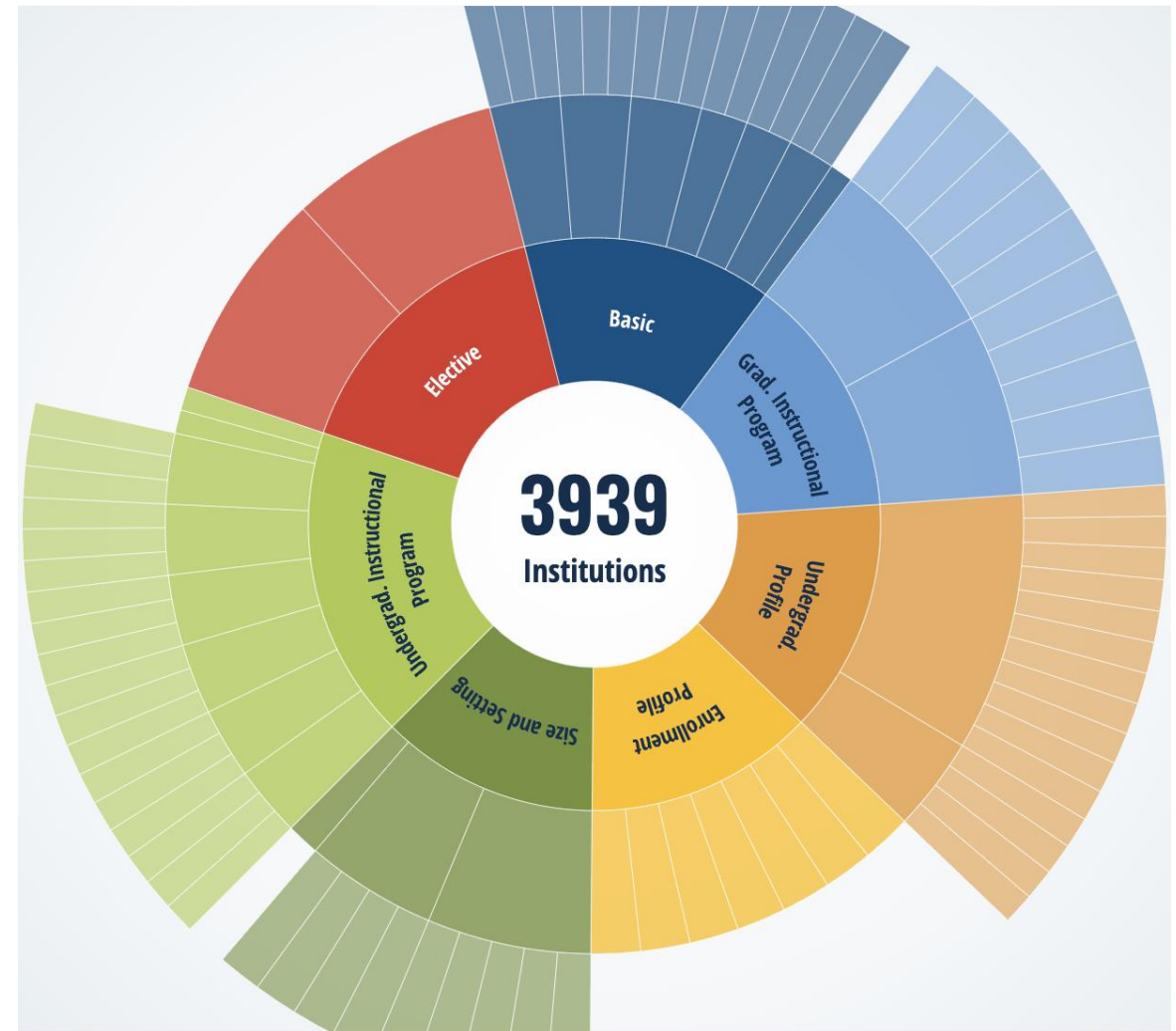
Nonprofit HEIs reinvest their profits back into the institution.



There is a lot more to U.S. Higher Ed than those statistics.

The **Carnegie Classification**[®] is the leading framework for recognizing and describing **institutional diversity** in U.S. higher education. In 1970, the Carnegie Commission on Higher Education began developing a classification of colleges and universities to support its program of research and policy analysis. The framework was first published in 1973 and is now **updated every 3 years** to reflect changes among colleges and universities.

<https://carnegieclassifications.acenet.edu/>



Carnegie Classification: Basic Categories

- **Doctoral universities** (20+ doctoral degrees annually; high research activity)
- **Master's colleges & universities** (50+ master's degrees annually, less than 20 doctoral)
- **Baccalaureate colleges** (at least ½ degrees are baccalaureate, fewer than 40 masters' and 20 doctoral degrees annually)
- **Associate's colleges** (2-year degree; technical, vocational, transfer missions)
- **Special focus HEIs** (e.g., health, engineering, design, business, etc.)
- **Tribal colleges** (American Indian Higher Ed Consortium)

These categories:

- identify meaningful similarities and differences
- do not imply quality differences
- do not rank colleges and universities

2021 Carnegie Classification of U.S. Institutions of Higher Education

	N	%	N	%
Tribal Colleges	35	1%	15,485	0.1%
Special Focus Colleges	746	19%	571,958	3%
Associates Colleges	1289	33%	5,281,229	27%
Baccalaureate Colleges	734	19%	1,991,553	10%
Master's Colleges and Universities	667	17%	3,614,373	19%
Doctoral Universities	469	12%	7,817,409	41%
Total	3,940		19,292,07	



ii. 2022-23 Awarded Degrees

In June 2023, OLC awarded 162 degrees to 151 students.

Department	CERT	AA	AAS	BA	BS	MA	TOTAL
Business	-	15	-	-	10	-	25
Education	-	12	-	2	4	-	18
Graduate Studies	-	-	-	-	-	7	7
Humanities and Social Science	-	1	-	3	-	-	4
Lakota Studies	12	43	-	14	-	-	69
Math, Science and Technology	-	5	4	-	7	-	16
Nursing	-	11	-	-	-	-	11
Social Work	-	-	-	-	6	-	6
Vocational Education	-	-	6	-	-	-	6
TOTAL	12	87	10	19	27	7	162

Rebuilding the Lakota Nation Through Education

We believe that through education, we will be able to provide resources to rebuild the Lakota nation and increase the amount and quality of resources available to the people of the Lakota reservations.

The mission is to educate students for professional and vocational employment opportunities in Lakota country. The College will graduate well-rounded students grounded in Wolakolkiclyapi, learning Lakota ways of life in the community, by teaching Lakota culture and language as part of preparing students to participate in a multicultural world.

Special Purpose Institution



Brooklyn Law School

ESTABLISHED 1901

A+

in Legal Technology

preLaw Magazine rankings based on offerings related to technology

5x

Go-To Law Schools

Listed five years in a row on *The National Law Journal* ranking of the highest percentage of J.D. graduates hired as first-year associates at the nation's 100 largest law firms, and percentage of associates promoted to partner

#16

in nation for Legal Writing

in *US News & World Report's* national ranking

#20

in nation for Criminal Law

and six other practice areas ranked in the Top 50 by *U.S. News & World Report*

The fundamental mission of Brooklyn Law School is to provide its students with a comprehensive legal education that gives them the knowledge, skills, and ethical values needed for a career in the law. The Law School is further dedicated to contributing to the advancement of our understanding of law, legal institutions, and society at large. In order to achieve its mission, the Law School has created, and continues to strengthen and expand, a community that includes outstanding legal scholars and teachers; talented, dedicated, and diverse students from across the country and around the world; and a robust global network of more than 24,000 alumni.

Associates Colleges



**We Put the "Community"
in Community College**

RCC is the only public higher education institution in Rockland County. It has served as an educational resource for Rockland since 1959.

The majority of its students transfer to four-year colleges, and many find immediate employment upon earning their associate's degree or certificate. The College also offers others, from preschoolers to senior citizens, the opportunity to learn something new.

Many people are served by our programs in [Workforce Development](#) and [Community and Wellness Training](#) each year, including corporate and workforce training, personal development and professional skill building.

[41 programs](#) in the humanities, social sciences, arts, technologies, business, health professions, mathematics and sciences, including 37 associate's degrees and 4 one-year certificate programs

<https://sunyrockland.edu/about/the-college/>

Baccalaureate Colleges

Mission Statement

Throughout its history, Pomona College has educated students of exceptional promise. We gather individuals, regardless of financial circumstances, into a small residential community that is strongly rooted in Southern California yet global in its orientation.

Through close ties among a diverse group of faculty, staff and classmates, Pomona students are inspired to engage in the probing inquiry and creative learning that enable them to identify and address their intellectual passions. This experience will continue to guide their contributions as the next generation of leaders, scholars, artists and engaged members of society to fulfill the vision of the College's founders: to bear their added riches in trust for all.



<https://www.pomona.edu/>

Fast Facts

1,777

Students

217

Full-Time Professors

8:1

Student-Faculty Ratio

13

Average Class Size

48

Majors and Minors

62%

Students Conduct
Research with Faculty

69

Study Away Programs

98%

Students Live on
Campus

Master's Colleges & Universities



HAMLIN UNIVERSITY
MINNESOTA'S FIRST UNIVERSITY

Mission statement

At Hamline University, our mission is to create a diverse and collaborative community of learners dedicated to the development of students' knowledge, values, and skills for successful lives of leadership, scholarship, and service.

Statement of purpose and belief

At Hamline University, we believe that everyone should have access to a quality education and that education is the most important vehicle to transform lives and communities. We were the first university in Minnesota and the first to award bachelor's and master's degrees to women and men. Today, we remain true to our beginnings, with nearly half of our students the first in their families to attend a four-year college.

A career-ready education

We provide students with an exceptional educational experience, rooted in the liberal arts, which prepares them for their careers and a lifetime of growing both in their fields and in fields they may not yet envision.

50 Masters programs,
such as:

Business Administration

GRADUATE

Master's, Accelerated/Dual Degree

MBA

- Business Analytics Concentration
- Leadership and Change Management Concentration
- Customized Concentration
- [Dual Degree: MSBA](#)
- [Dual Degree: MPA](#)

- Online
- ◆/■ Hybrid
- ◆ On campus



Mission

- to provide a superior liberal education to undergraduate students, attending not only to their intellectual growth but also to their development as adults committed to high ethical standards
- to prepare future members of the learned professions for lives of skilled and ethical service by providing excellent graduate and professional education;
- to advance the frontiers of knowledge and contribute boldly to the international community of scholarship;
- to help those who suffer, cure disease, and promote health, through sophisticated medical research and thoughtful patient care;
- to provide wide ranging educational opportunities, on and beyond our campuses, using the power of information technologies;
- to promote a deep appreciation for the range of human difference and potential, a sense of the obligations and rewards of citizenship, and a commitment to learning, freedom and truth.



6,417

Undergraduate Students (fall
2023)



10,423

Graduate & Professional
Students (fall 2023)

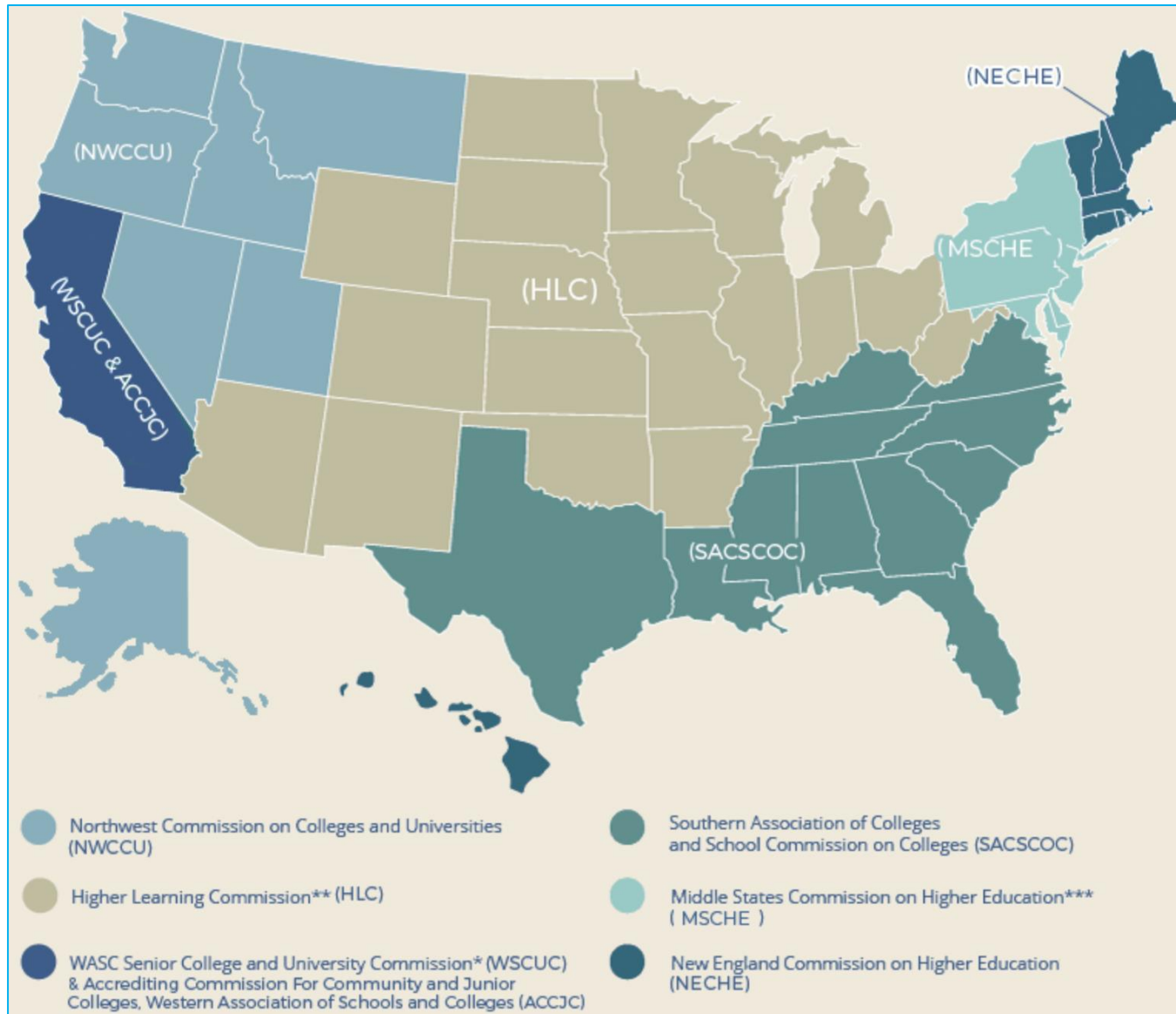


16,840

Total Students (fall 2023)

<https://duke.edu/>

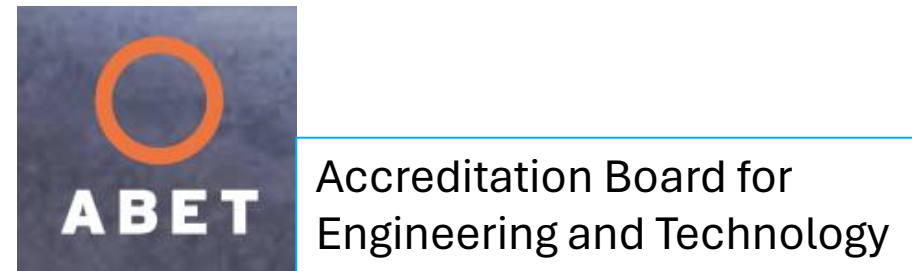
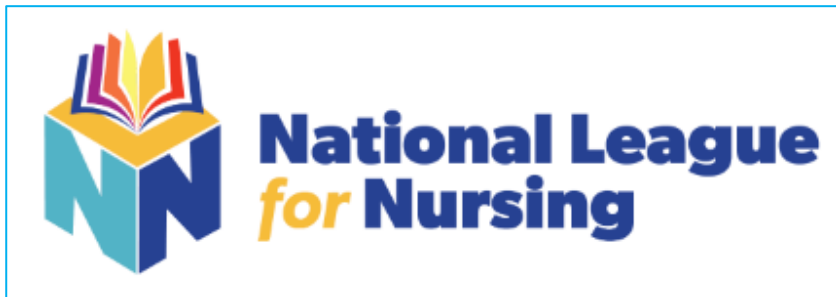
Accreditation – for an HEI as a whole



In the U.S., accreditation is:

- a peer review process by which the validity of degrees and credits awarded by HEIs is assured
- Over 150 years old
- Overseen by regional organizations that are recognized by the U.S. Department of Education and the Council for Higher Education Accreditation (CHEA) (a non-governmental organization)

There are also over 30 organizations that accredit programs in specific fields.



Undergraduate Level

College, University, and Institute are used interchangeably to describe post-secondary institutions in the U.S.



Associate's Degree

- 2-year program
- Junior, Community, Technical colleges

Bachelor's Degree

- 4 to 5 year program

GENERAL EDUCATION

“a specific set of programs intended to offer a counter-balance to what is provided by a disciplinary major”

Designed to instill certain habits of mind:

- curiosity,
- openness
- critical thinking
- And the value of a broad interpretive framework for understanding experiences, balanced by basic knowledge of how the world works and where it might be heading

<https://cshe.berkeley.edu/sites/default/files/publications/gec-web.final.pdf>

Graduate Level



The Power
of International
Education

Master's Degree

- Requires Bachelor's degree
- 1-2 years of study
- 1st graduate level degree

Doctoral Degree

- 3-10 years
- requires Bachelor's or Master's degree
- Research intensive
- Highest degree possible

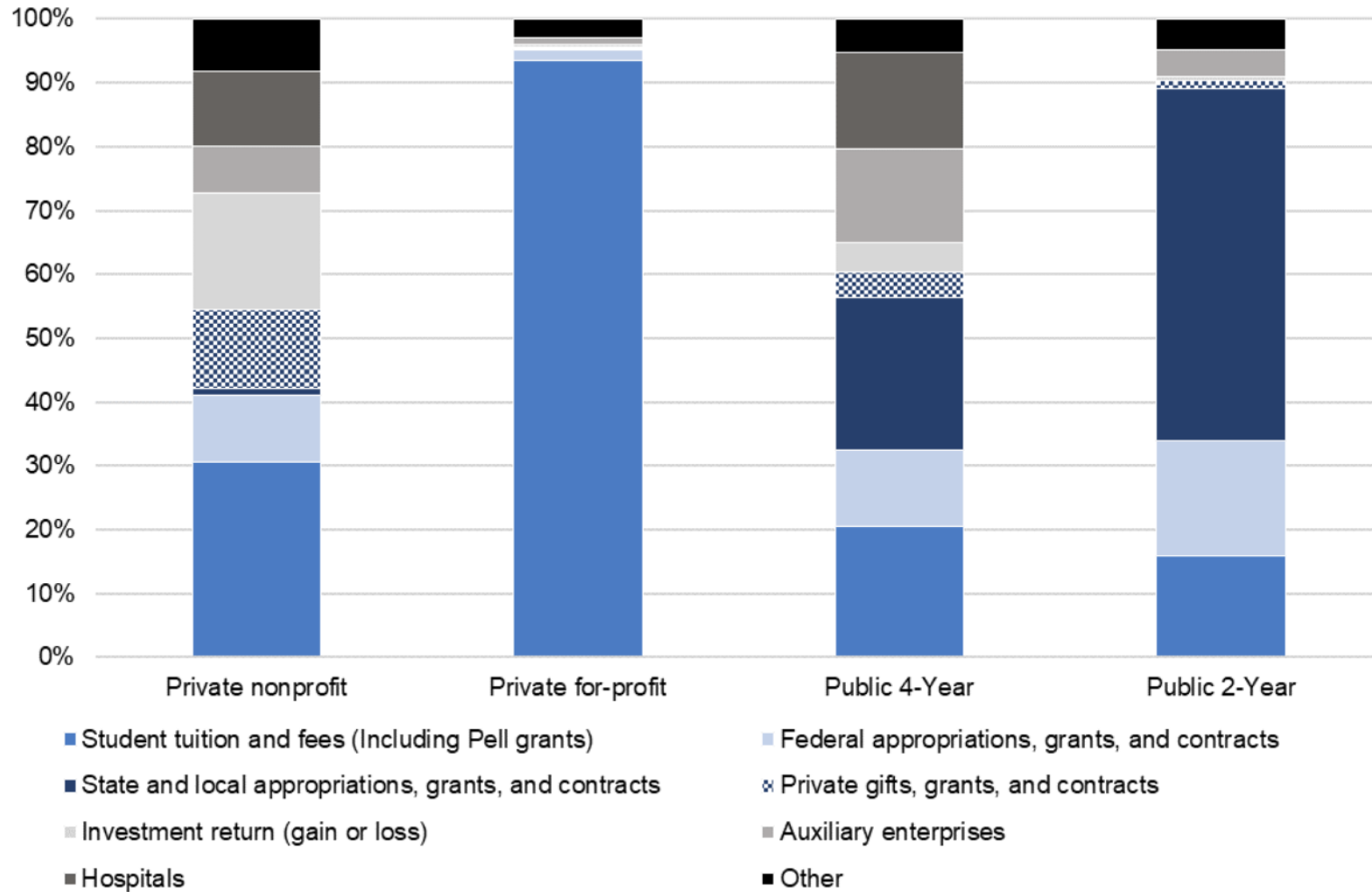
Professional Degree

- Professional certification for licensure in law, medicine, pharmacy and dentistry, etc.

With strong emphasis on:

- Learning to assess primary sources and raw data
- Developing research and writing skills
- Where relevant, developing professional skills through internships, residencies, etc.

Figure 1: Revenue sources by sector



Source: National Center for Education Statistics' Digest of Education Statistics

Oversight, policy-making, decision-making are diffused and decentralized.

- U.S. **Department of Education** provides guidance, collects statistics, offers grants, and monitors compliance with laws concerning access, discrimination, and civil rights
- **Accrediting bodies** monitor quality of academic programs
- **State governments** may or may not add some additional legislation and often establish a higher education commission to serve as point of contact with HEIs in the state
- HEIs generally have **Boards of Trustees**, containing appointed or elected individuals (not designated government officials) responsible for appointing and working with the HEI's chief executive officer.
- HEI **Chief Executive Officers** (Presidents, Chancellors, etc.) who work with the Board as well as other executive staff to set policies and priorities for the HEI, coordinate budgets, and advocate for their institutions.
- **Departments and faculty** determine the curriculum.
- **Various funding bodies** establish priorities for the grants they offer (NSF, NEA, NIH, NEH, DOS, private foundations, etc.).

Trends and Issues in U.S. Higher Education

- Increasing diversity of students (race, age, background) and attention to equity and inclusion
- Embrace of online learning, AI, digitization, online management systems
- Growth in internships, experiential learning, college-to-career tracks
- Micro-credentials, stackable certificates
- Addressing the high cost of tuition and developing new revenue and budgeting models
- Entrepreneurship, tech transfer, research commercialization
- Community engagement, public-private partnerships
- Continued international engagement and collaboration



Kazakhstan - Education Hub of the Region

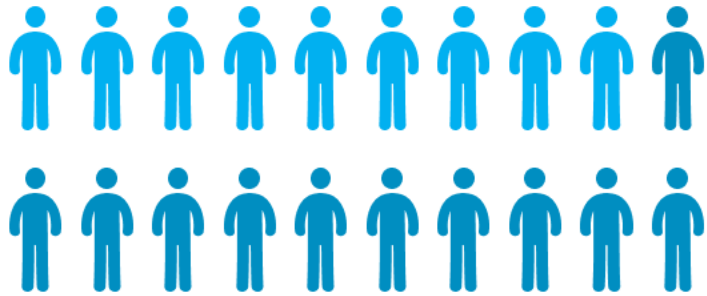
2024



GEOPOLITICS AND MIGRATION

2 bln people

In the greater region
of Central Asia and Eurasia



Over 1 bln people

Below the age of 25

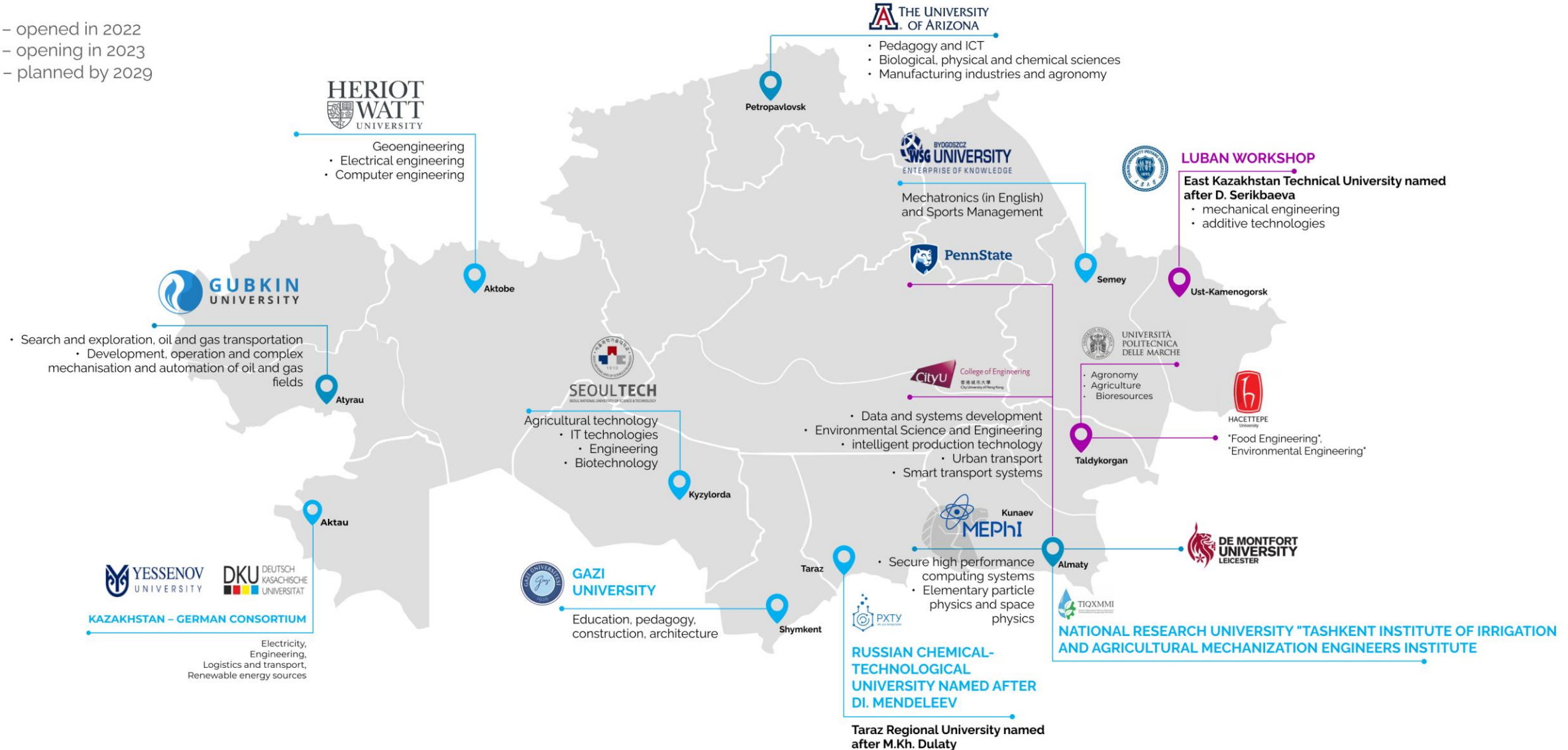
650 million Indians

nearly half the country's population - are below the age of 25



BRANCHES OF FOREIGN UNIVERSITIES IN KAZAKHSTAN

- 4 – opened in 2022
- 4 – opening in 2023
- 8 – planned by 2029



BRANCHES OF FOREIGN UNIVERSITIES IN KAZAKHSTAN



2004

2005



De Montfort University

- Business Management
- Business and Marketing
- Business Entrepreneurships and Innovation
- Finance and Investment
- Accounting and Finance
- Advertising and Marketing Communication

2021



National Research Nuclear University MEPhI

- Nuclear reactors
- Mechatronics and robotics in the nuclear industry
- Nuclear power technologies
- Engineering computer modeling in the nuclear industry

2022



University of Arizona

- Computer science
- Biotechnology
- Education
- Medical science



GUBKIN University

- Construction and operation of gas and oil pipelines
- Gas and oil storages
- Oil and gas technologies
- Geological modeling of natural oil and gas reservoirs

PARTNERSHIP



- Creation of the Central Asian hub in higher education
- Regional Academic Excellence Initiative
- Launch of the Astana Process in the healthcare system for broad development in 2023.
- Secondary Education Modernization Project
- Productive Innovation Program, Phase Three



- Development of a national ranking Universities based on data (data-driven)
 - Formation of rating and digital analytical dashboards



- Top 100 Project Students OpenSearch annually
- Mentoring when working with the platform code
 - Support for Kazakhstan students
 - Internship at Amazon



- 40,000 students in discovery technology
- Introduction of academic programs on approximation-technologies in universities for the first time in the world
- Trainings and training of ICT teachers of faculties of universities across the whole Kazakhstan
 - Providing an extensive knowledge base Binance and Binance Academy



- Provision to the HP education platform with free courses
- Collaboration to provide 3D printers, computer equipment for universities
- Collaboration with the HP Foundation on the HP life no skills development program through certification courses



- Digital and e-commerce literacy (MasterCard Academy)
- Digitalization of campuses (student card system, access systems, visit analytics and access management)
- Digital payment services (specialised cards, data analytics, bonus programs) buy



- There are 100 million people in the world.
- In Kazakhstan, 20 thousand students have access 25 universities
- 654 courses will be translated into Kazakh



- National Digital University Project
- Student life track journey tools
- Educational content for teachers and students
- Microsoft Imagine Academy for Organizations science and universities



- 50 digital laboratories in universities
- Learning platform
- Certification of students
- Employment of graduates

PARTNERSHIP

BRANCHES OF FOREIGN UNIVERSITIES IN KAZAKHSTAN

2023



**Mendeleev University
of Chemical technology**



서울과학기술대학교
SEOULTECH Seoul National University of Science & Technology



**Tashkent Institute of Irrigation
and Agricultural Mechanization Engineers**



**Kazakhstan – German
CONSORTIUM**

2029



**MICHIGAN STATE
UNIVERSITY**



**University of
Reading**



天津大学
Tianjin University

QONAYEV ACADEMIC CAMPUS

is a special territory for domestic and foreign subjects of the scientific and educational sphere:

- symbiosis of academic research and higher education;
- an attractive area for relocation and a branch network of leading scientific and educational organizations;
- generator of innovative solutions for the needs of the domestic economy;
- modern scientific and laboratory base;
- comfortable environment for the commercialization of developments.

97 ha

Residents - universities (relocation of Kazakh universities, opening of foreign branches), research institutes and corporate R&D centers, technology start-ups, service organizations.



MODELS OF OPENING BRANCHES

FRANCHISE

Funded
by the investors



BASED ON KAZAKHSTANI UNIVERSITIES

Funded by the
State budget



STRATEGIC PARTNERSHIP

Funded by the
State budget

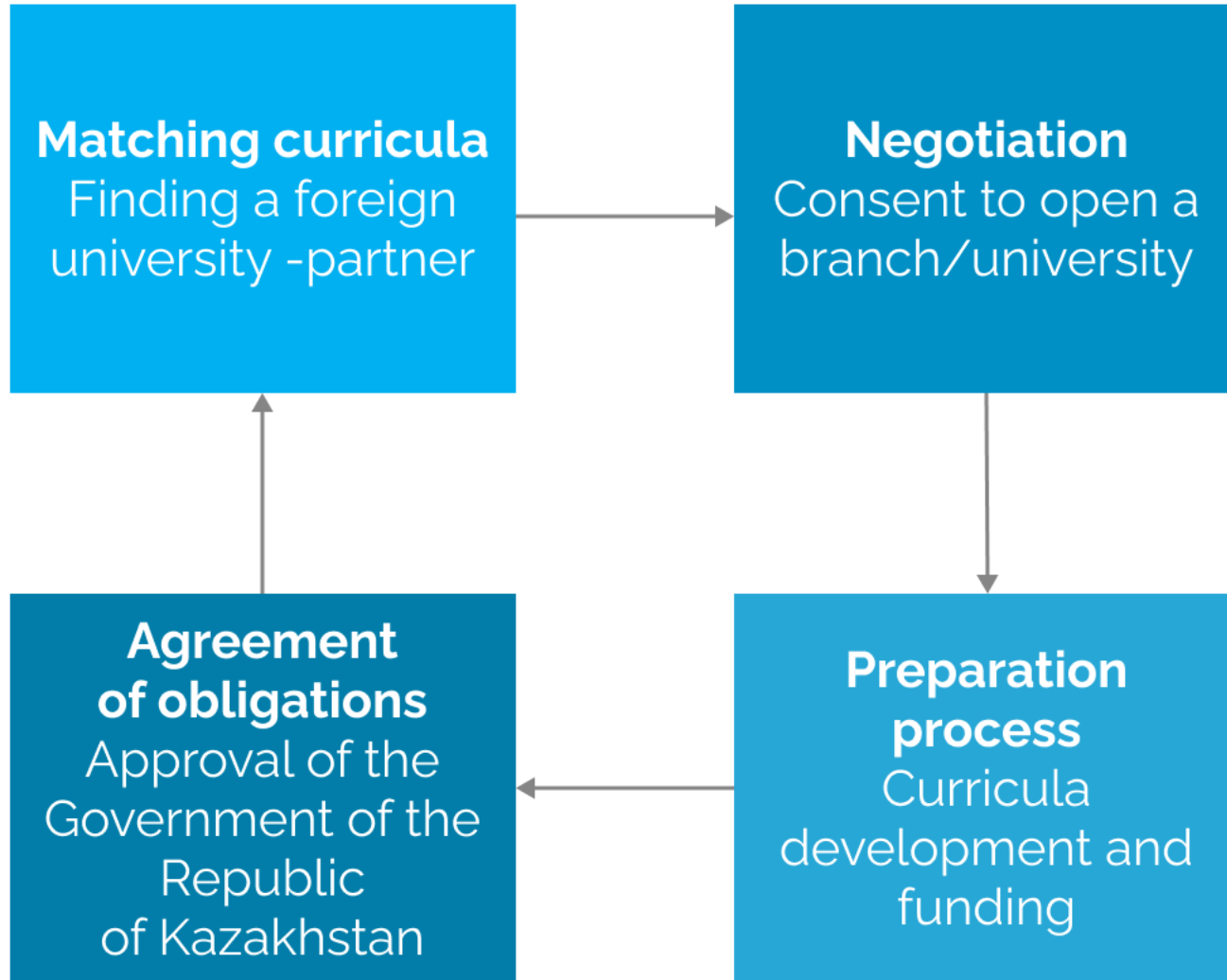


INTERNATIONAL UNIVERSITY

Funded
by the investors

**NEW ULYTAU
UNIVERSITY**

ALGORITHM



→ **START**



FUNDING



TAXATION



**LICENSE
OBTAINING**

GOVERNMENT SUPPORT



VISA REGIME



**LAND
ALLOCATION**

BENEFITS



**ENTRANCE TO THE ASIAN
EDUCATIONAL ZONE**



**EXPANDING THE GEOGRAPHY
OF ACADEMIC INFLUENCE**



**CREATION
OF RESEARCH HUB**



**INCREASE
OF INTERNATIONAL STUDENTS**

**ENGLISH
COMMON LAW
JURISDICTION**



**WORLD CLASS
REGULATION
STANDARDS**



MINISTRY OF SCIENCE AND HIGHER
EDUCATION REPUBLIC OF KAZAKHSTAN

**FAVOURABLE
ENVIRONMENT FOR
YOUR BUSINESS**

**0% TAX
EXEMPTION
UNTIL 2066**



**SPECIAL LABOR
AND VISA REGIMES**

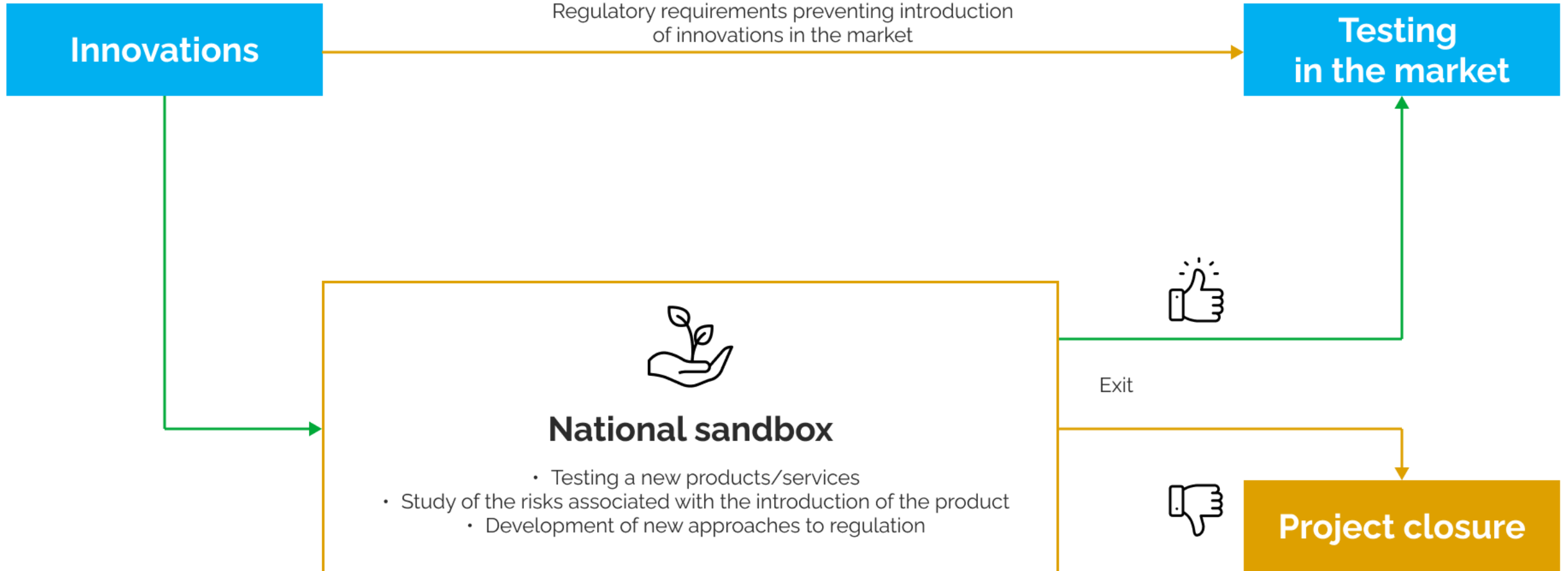


**VIBRANT FINANCIAL AND
BUSINESS ECOSYSTEM**



NATIONAL SANDBOX

The national sandbox allows experimenting with innovations in a controlled regulatory environment. Regulatory requirements that prevent the introduction of new products/services are waived within the regulatory sandbox.





—
THANK YOU FOR YOUR
ATTENTION



2024



Setting the KUUC in Motion

KUUC Goals

- To develop a **sustained conversation among all** Consortium members in which:
 - Topics of importance to both U.S. and Kazakh HEIs are discussed
 - Each side gains vital knowledge of the practices, challenges, and experiences of the other with respect to these topics
 - New ideas and insights emerge from these comparisons
 - Best practices and principles are shared, and how these can be adapted to the specific circumstances of each side is explored
 - Deepening all of our understandings of what U.S.-Kazakh partnerships can do and how they might proceed
- To use these conversations to spark **several immediate projects** on the key topics identified for this grant cycle (to be funded by the seed grants)
 - To be pursued either by the Consortium as a whole, or by smaller groups or pairs
- To create a **dense network of U.S.-Kazakh relationships** that interweave existing partnerships and bring in new participants
 - As a firm basis for further U.S.-Kazakh collaboration in the future

To accomplish these goals:

- The **timeline is shifting** (stay tuned for further info soon)
- We will spend the next couple of months getting **to know each other better** and getting **these conversations started**
- **What each of us can do:**
 - Read through the **institutional profiles** on the KUUC portal
 - Contact any of **your existing partners** who are also in the Consortium to see what they are thinking
 - Attend the **upcoming webinars** (and be prepared to present in them, if asked)
 - **Convene your own HEI's KUUC group** to discuss what you are learning and brainstorm possible projects
 - Contribute ideas on **how to approach all of this as a Consortium** (e.g., breaking into smaller groups focused on specific topics, or some similar strategy)

Successful partnership (or consortium) development is a lengthy, collaborative, iterative **PROCESS** of

conversation (both internal and bi-national),

mutual discovery,

self-reflection,

relationship-building,

goal refinement,

and

weighing what will yield the greatest mutual benefit and most equitable relationship.



Let's begin by looking at some statistics compiled from the profiles and applications.

	# in the Consortium	How many already have a partnership with an HEI in the other country?
U.S. HEIs	34	25
Kazakh HEIs	31	24

What do these responses tell us? How might they guide our actions?

	Financial management & entrepreneurial models	Management models, including financial sustainability	Quality research that addresses private sector needs
U.S. HEIs	17	7	28
Kazakh HEIs	14	12	26

	Renewable energy	Environmental science	Agriculture	Food security	STEM	IT
U.S. HEIs	23	29	15	23	34	29
Kazakh HEIs	15	21	7	7	27	23