



TASHKENT INSTITUTE OF CHEMICAL TECHNOLOGY

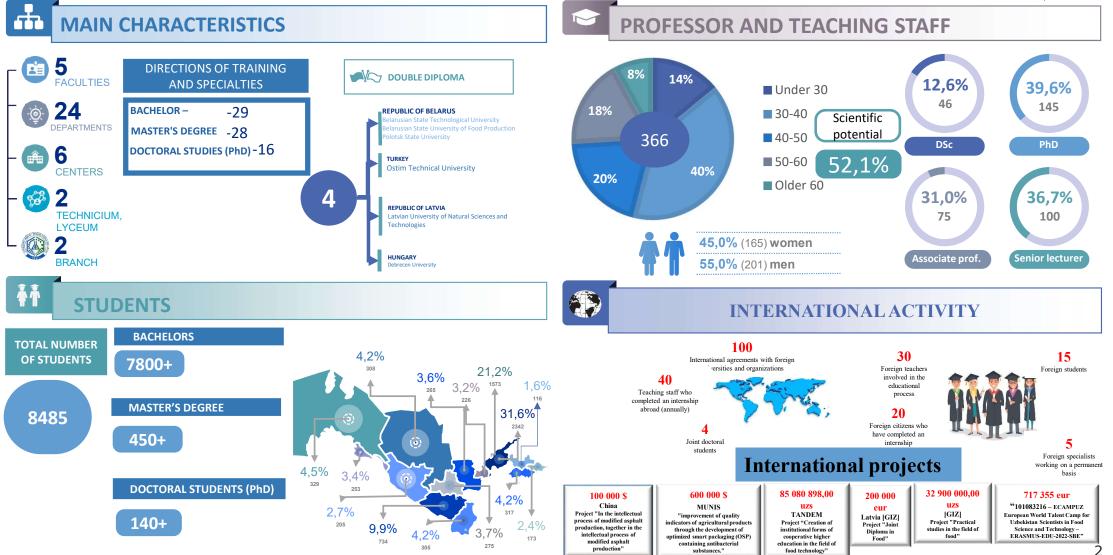
Saidumarkhon Saidakhmadov, Head of IRO

Santander June 19, 2023



TICT AS A CENTER FOR INNOVATION AND TECHNOLOGIES

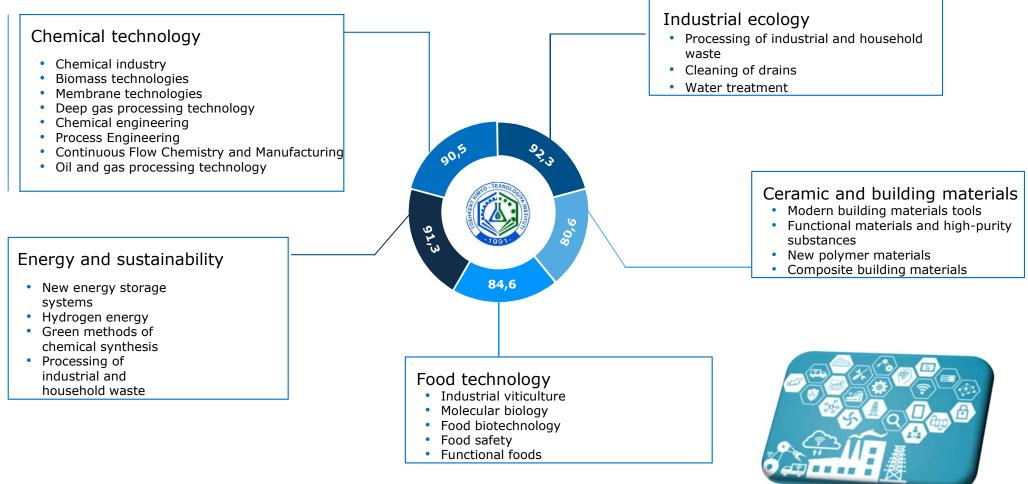






«SCIENCE AND TECHNOLOGIES FOR INDUSTRY»

- TRAINING SPECIALISTS FOR REAL SECTORS OF THE ECONOMY





MISSION AND TARGET MODEL OF THE TASHKENT INSTITUTE OF CHEMICAL TECHNOLOGY IN THE DEVELOPMENT STRATEGY OF HIGHER EDUCATIONAL INSTITUTIONS OF THE REPUBLIC OF UZBEKISTAN

PHILOSOPHY

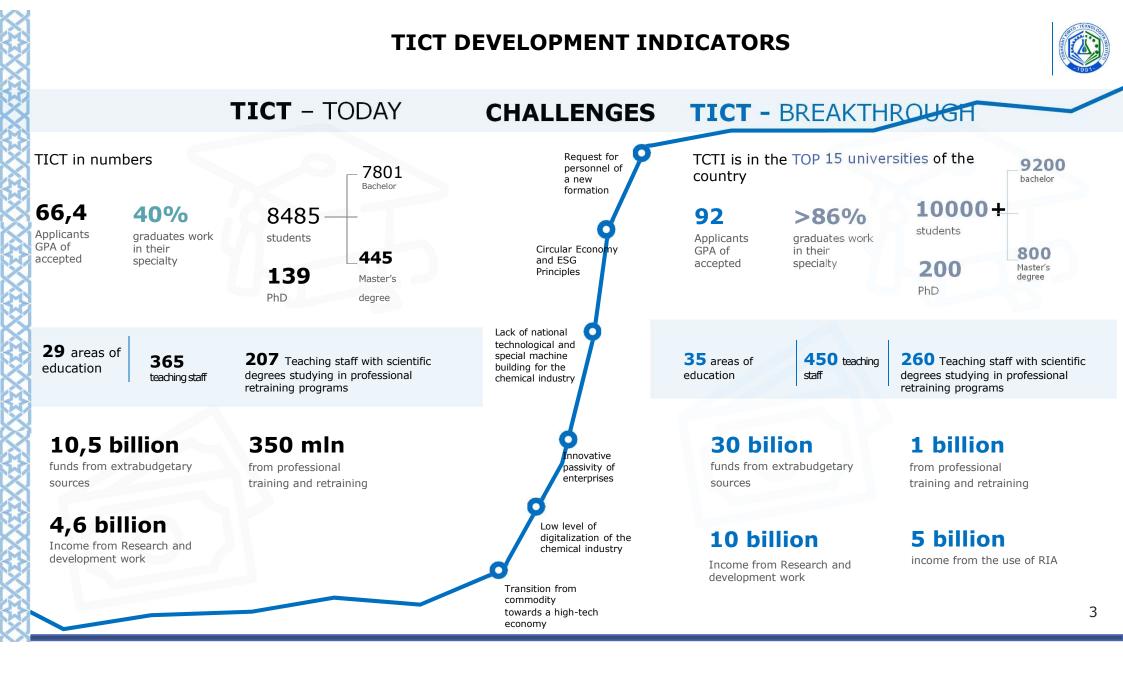
University with a vision for the future

TICT – is a basic institute for the chemical and oil and gas processing industries, as well as other industries

- 90% of employees of enterprises in the food, chemical and oil and gas processing industries are graduates of the TICT
- 50+ technologies per year are developed at TICT for the chemical, oil and gas processing industries
- TICT is the operator of high-tech industry development roadmap «Technologies of new materials and substances»
- Heads EUA in the areas of education «Technology of deep gas processing», «Technology of oil and gas processing», «Chemical technology»
- TICT is one of the basic organisations of the republic for training personnel for the chemical, oil and gas processing industries

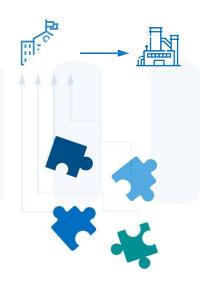
Target Model TICT

- Leader in areas: food safety, meat and milk technology, chemical technology, oil and gas chemistry, food technology, biotechnology, chemical technology of building materials, industrial ecology
- «Green educational institution» a leader in the field of SDG
- **Coordinator** of chemical and technological education in the Republic of Uzbekistan
- Opening **Digital Institute**



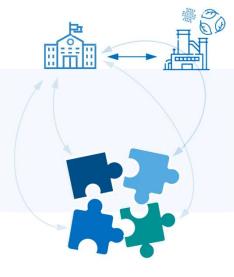
TRANSFORMATION OF THE EDUCATIONAL AND RESEARCH PROCESS OF TICT

RUN



Industry response. The Institute is a reliable supplier of personnel and technologies

CHANGE



Ready technologies and solutions.

The Institute is a provider of integrated solutions that meet the industry agenda

UNITE



Formation of technological trends.

Institute - digital development, provider of technological solutions that transform industries









"OPEN DIGITAL INSTITUTE"

transition to the model of an open digital university, including the total digitalization of all processes and combining them within a single service platform

TASKS

명= 명= 미=

GOAL

- Digitalization of educational and business processes •
- Creation of a unified open digital ecosystem of the university
- Efficient storage, protection and use of all types of data ۲
- **Digital Campus**
- TCTI a platform of services for life

KEY ACTIONS



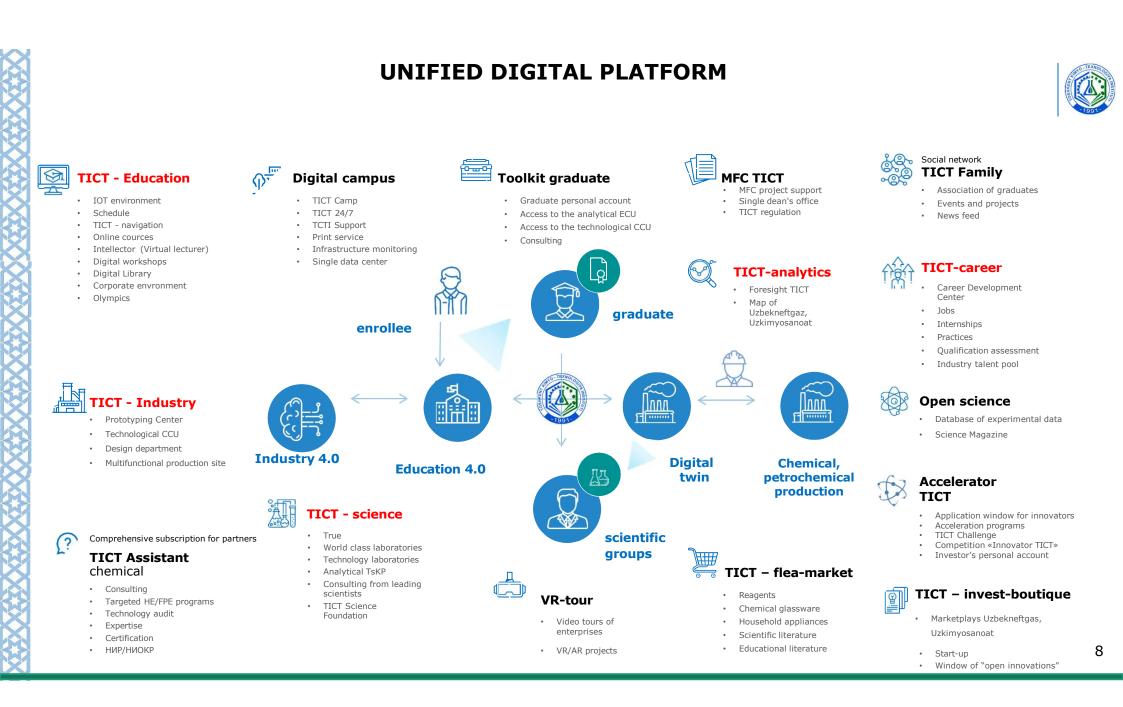
- Transition to a credit-modular system
- Digitalization of the educational system
- Opening of a registrar office
- Organization of hybrid theoretical and E practical education
- Formation of the student's R individual trajectory

tinimi









TICT - HUMAN CAPITAL - CLUSTER



 \mathbb{P}^{GOAL} – training of personnel of a new formation:

STEM Engineering

TASKS

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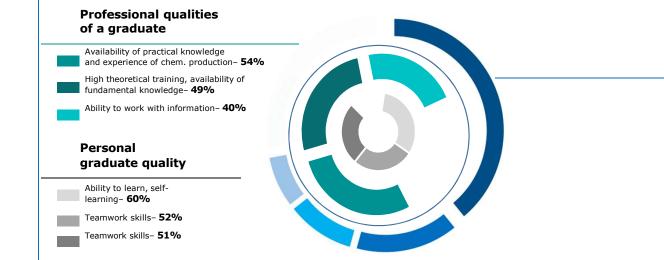
Ne

Neon

Dysprosium

- Meeting the current and forecast needs of the industry
- Learning through science and technology
- student-centered education
- Formation of "green" thinking
- Creating sustainable links between alumni and students

Survey of customers personnel - industrial enterprises of the chemical and oil and gas complex



KEY PROJECTS OF THE CLUSTER

Digital Educational Tools – 80% of digitized academic disciplines

- Network educational programs
- "Teach like a future employee" (simulated corporate environment)

New educational practices - 50% of programs jointly (on order) with industrial partners

- New education
- Formation "Order Uzbekneftegaz", "Order Uzkimyosanoat"
- (education at the request of the industry)



27

Co

Cobalt

International educational programs - the growth of the number of foreign students

- Double degree (Double diplomas)
- Academic mobility of students (international transfer of educational technologies)

Integration with international organizations -5% foreign teachers

- Involvement of foreign scientists to work in TCTI
- academic mobility

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Moscovlum

Center for Scientific Communication of Chemistry and Chemical Technology - an external review of educational programs has begun

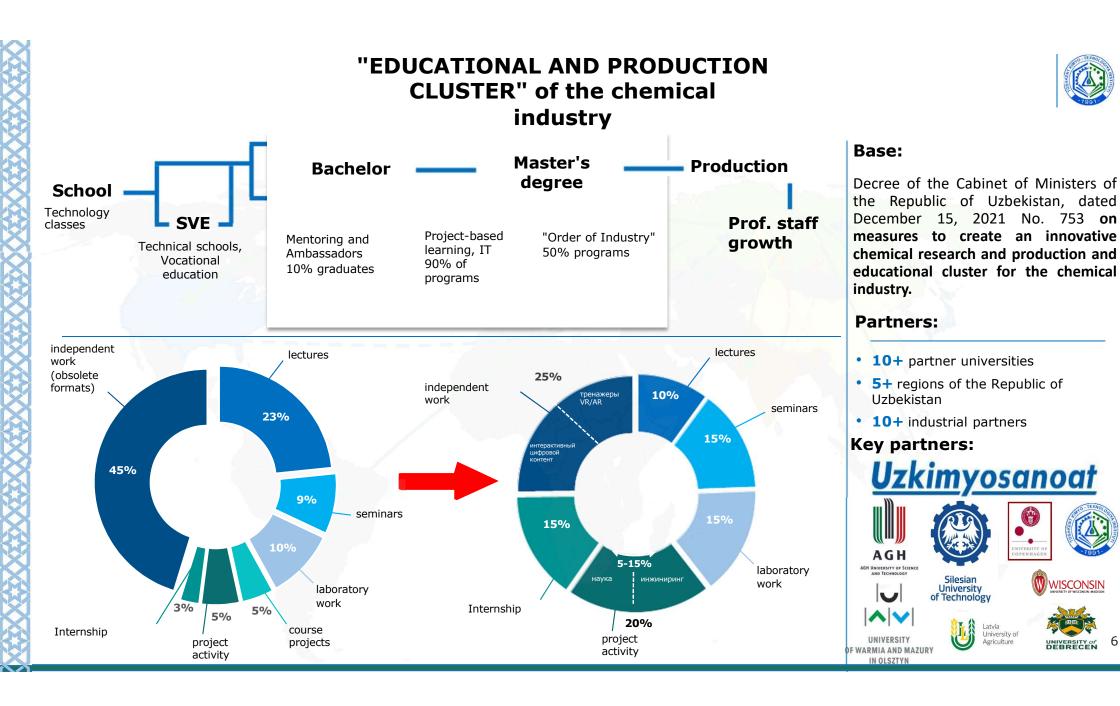
Scientific popular programs

in English"New look" (external expertise of education)

Professional career - 50% of graduates are employed by profession

Service "TICT-career"

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MASTER PLAN OF CAMPUS OF CHEMISTRY AND SCIENCE, FUTURE CAMPUS OF THE INSTITUTE (2022-2024)



Tashkent Institute of Chemical Technology

Budget - 245.2 billion soums. Building area - 98,000 sq.m. Educational building - 7500 seats Administrative building - 7500 sq.m. Laboratories - 30 Integration zones - 2500 sq.m. Dormitories - 1218 places Houses for teaching staff – 210

Branch of foreign university

Budget - 44.0 billion soums. Building area - 14,700 sq.m. Educational building - 440 seats - 1600 sq.m. Integration zones - 1500 sq.m. Dormitories - 70 places Houses for teaching staff - 12



Branch of foreign university

Budget - 84.3 billion soms. Building area - 27,000 sq.m. Educational building - 1000 places Administrative building - 2100 sq.m. Laboratories - 14

Integration zones - 1500 sq.m. Dormitories - 200 places Houses for teaching staff – 51



Strategy 2030



Thank you for your attention!

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