

United Nations Commission of Science and Technology for Development (CSTD)
7 – 11 April 2025, Geneva, Switzerland

STI park development in Uzbekistan

Prepared by Sarvar Djalalov



“Now it is necessary to teach the young people to produce and sell products that are in demand on the market, using these conditions and equipment. If they start earning, they will have ambition, they will devote themselves to this sphere.”

Shavkat Mirziyoyev, President of Republic of Uzbekistan
(Speech during President Visits the Innovation Technopark)



Decrees & Policies on Technoparks

Decree of the President of the Republic of Uzbekistan
On measures to create an Educational and Practical Textile Technopark under the Tashkent Institute of Textile and Light Industry with the involvement of gratuitous assistance from the Government of the Republic of Korea from 07.02.2017 No. PD-2759

Decree of the President of the Republic of Uzbekistan
On the creation of an innovation technopark in the Yashnabad district of the city of Tashkent from 05.06.2017 No. PD-5068

Resolution of the Cabinet of Ministers of the Republic of Uzbekistan
On measures to create Youth Technoparks in the regions of the republic dated May 22, 2020 No. 313

Decree of the President of the Republic of Uzbekistan
On measures to create the Industrial Technopark "Yangihayot" in the city of Tashkent from 04.02.2021 No. PP-4979

Decree of the President of the Republic of Uzbekistan
On measures to create the "Chirchik" Chemical-Industrial Technopark in Tashkent region from 03.02.2022 No. PP-116

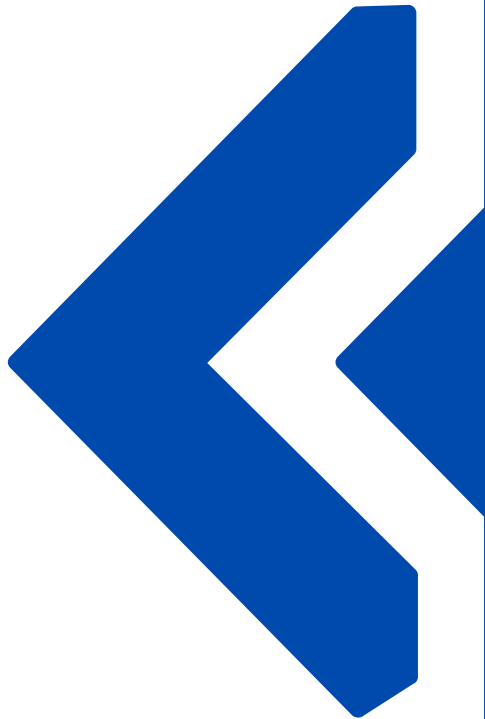
Decree of the President of the Republic of Uzbekistan
On measures to create a special industrial zone "Nukus Technopark" in the Republic of Karakalpakstan 06.07.2022 from 06.07.2022 No PP-306

Decree of the Cabinet of Ministers of the Republic of Uzbekistan
On measures to organize the activities of the state institution "Directorate for Management of the Technopark "Eltech Industrial" from 19.08.2022 No. 459

Decree of the Cabinet of Ministers of the Republic of Uzbekistan
On measures to support participants of the "Ohangaron Tech Industrial" technopark dated 14.08.2023 No. 369

Decree of the Cabinet of Ministers of the Republic of Uzbekistan
On the establishment of the special industrial zone "Kokand Technopark" dated 23.12.2024 No. 876

National Science, Technology, and Innovation Policy (2022-2030): In April 2022, UNESCO, in collaboration with the IsDB and the Government of Uzbekistan, presented the National STI Policy for 2022-2030. This policy provides a strategic framework for leveraging STI to achieve sustainable development goals, emphasizing the role of STI parks in fostering innovation and economic growth.





Introduction

Uzbekistan's STI parks could play an increasingly important role in the country's economic growth by supporting innovation and commercializing research and innovation outcomes.



SUMMARY

The analysis of Uzbekistan's Science, Technology and Innovation (STI) parks identifies a number of critical areas that could lead to significant growth and advancement. The current state of STI parks, while showing a mixed performance in facilitating innovation and economic growth, presents an opportunity for substantial improvement and the potential for optimal synergy between research institutions, industry and governmental policies.



Collaboration with UNCTAD

UNCTAD is actively supporting Uzbekistan's Science, Technology, and Innovation (STI) parks through a comprehensive capacity-building initiative. This effort aims to enhance the operational effectiveness and policy frameworks of these parks, thereby bolstering the country's innovation ecosystem.

National Training Workshops: In November 2024, UNCTAD organized a national training workshop in Tashkent, Uzbekistan. This event focused on STI park policies and practices, aiming to strengthen Uzbekistan's capacity to design, operate, and manage STI parks. The workshop brought together policymakers, STI park practitioners, researchers, and academics, fostering multi-stakeholder partnerships crucial for the successful implementation of STI park strategies.

International Training Programs: Between September 16 and 27, 2024, representatives from Uzbekistan participated in a training workshop held in Shenzhen, China. This program combined lectures on establishing, developing, and managing STI parks with visits to successfully operating parks in China. The initiative aimed to enhance participants' capacity to design, implement, and manage STI parks effectively, covering aspects such as policy coherence, financial sustainability, outreach, tenant relations, incubation processes, and assessment of innovation outcomes.

Comprehensive Assessments and Policy Recommendations: UNCTAD conducted an assessment of STI parks in Uzbekistan, identifying challenges and opportunities within the current innovation ecosystem. The resulting report provides strategic recommendations to strengthen the impact of these parks on technology and innovation-driven sustainable development.

Through these targeted initiatives, UNCTAD is actively contributing to the development of Uzbekistan's STI parks, enhancing their role as catalysts for technological advancement and sustainable economic growth.



FIVE STI PARK MODELS IN UZBEKISTAN

Standalone STI Parks

Examples: INNO TP, Yashnabad TP

Focus: Business incubation

University-Linked Parks

Examples: Turin Polytechnic TP

Focus: Vocational training, R&D support

Virtual IT Park

Examples: IT Park Tashkent

Focus: Digital startups, tax incentives

Corporate Venturing











Examples: Artel Holding

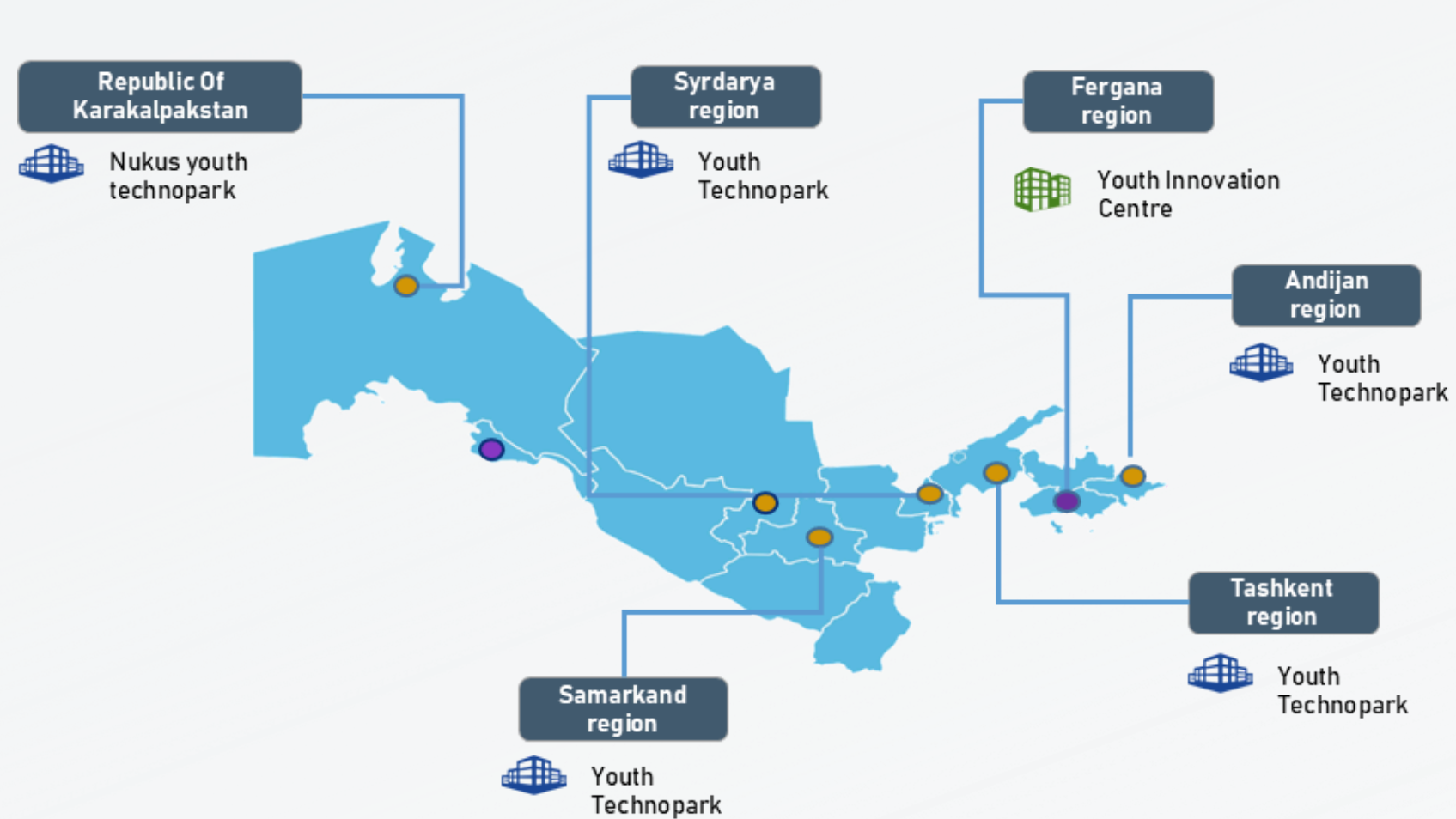
Focus: Diversification of large firms

FEZ-Driven Parks

Examples: Ohangaron Tech Industrial

Focus: Clustering in natural resources

 <p>Yashnabad Technopark</p>	 <p>TECHNOPARK LLC</p>	 <p>Bukhara Technopark</p>
 <p>INNO Technopark</p>	 <p>Andijan Youth Technopark</p>	 <p>Samarkand Youth Technopark</p>
 <p>Khorezm Innovation Technopark</p>	 <p>Kashkadarya IT Technopark</p>	 <p>Karakalpakstan Youth Technopark</p>
 <p>Tashkent Youth Technopark</p>	 <p>Navoi Youth Technopark</p>	



Types of services provided

Rent

Prototyping/
Laboratory services

Patenting

Consulting/
Mentorship

Project
development

Acceleration / incubation
services



6
Technopark



280
project



100
workplace



10298
Youth involved



224
Billion soums



7
Training center





2021-2023 OPERATING YOUTH TECHNOPARKS

- Nukus
- Andijan
- Navoi
- Oxangaron
- Samarkand
- Jizzakh
- Syrdarya
- Namangan
- Surkhandarya

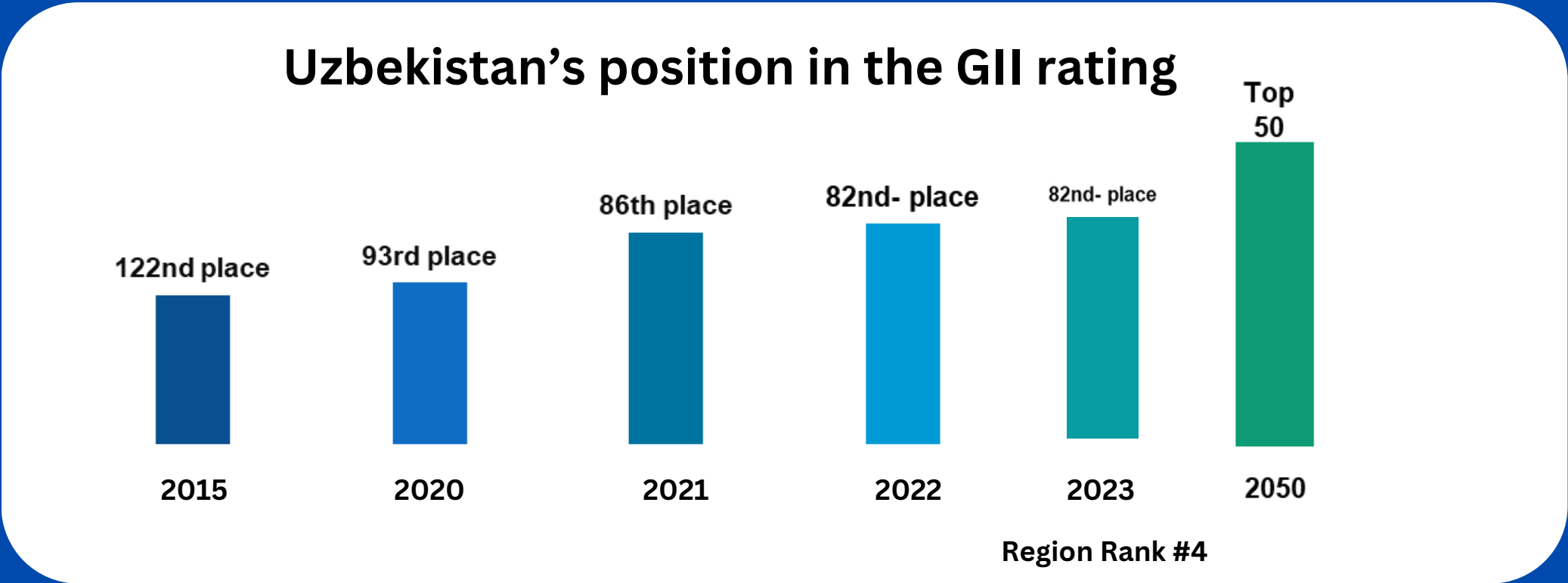
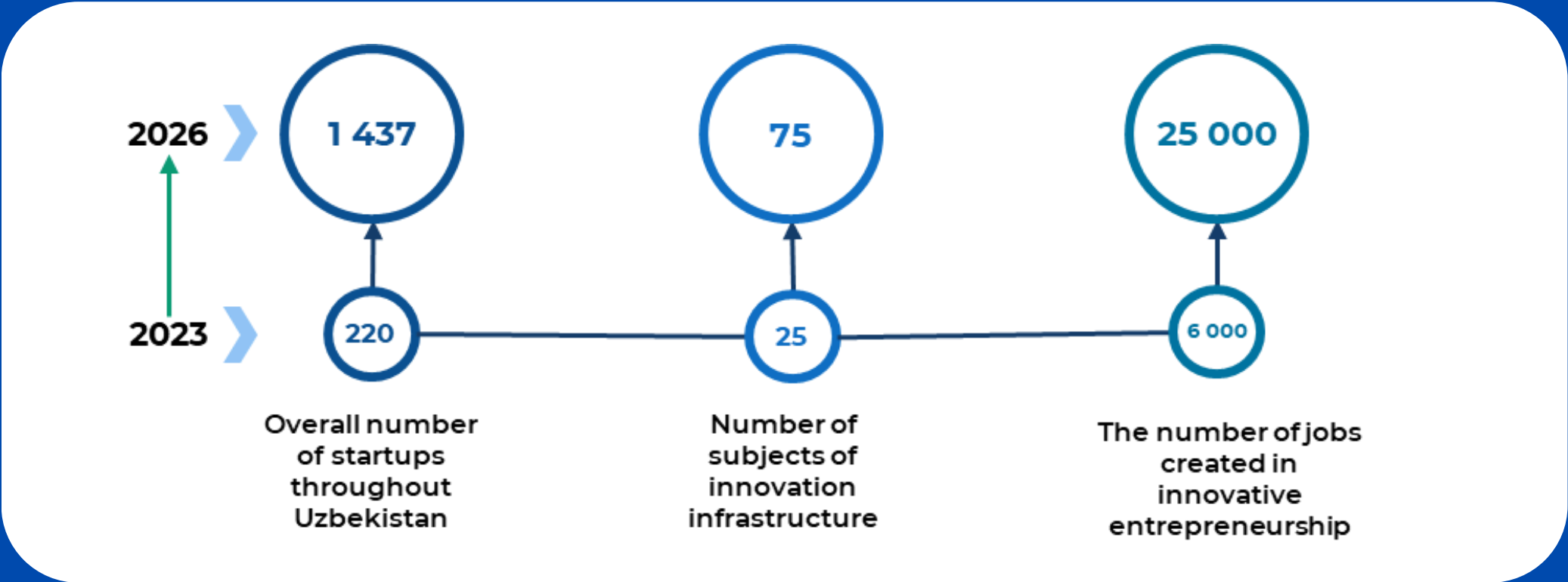
YOUTH TECHNOPARKS PLANNED TO OPERATE IN 2024

- ☒ Bukhara region
- ☒ Kashkadarya region
- ☒ Fergana region
- ☒ Kharezsm region

Tashkent city	Oxangaron district	Andijan city	Samarkand city	Nukus city	Gulistan city	Navoi city
						
						



FORECASTING KEY PERFORMANCE INDICATORS FOR 2026



STATS

According to the State Statistics Committee, as of July 1, 2022, there are 20 special economic zones (hereinafter - SEZs), 116 directorates of small industrial zones (hereinafter - SMZs), 12 technoparks and 467 clusters in the country, which include: in SEZs - 505 enterprises, SMZs - 1830, technoparks - 58 and clusters - 471 enterprises.



WORKSHOPS

Workshop on science and technology park
operation and management
22 July – 2 August 2024
Location
Wuhan, China

Training workshop on STI policies and the
operation and management of STI parks
16 – 27 September 2024
Location
Shenzhen, China

National training workshop on STI policies and
the operation and management of STI parks
14-16 November 2024
Location
Tashkent, Uzbekistan





VALUES GAINED FROM STI WORKSHOPS



INTEGRITY

Doing what's right, not
what's easy



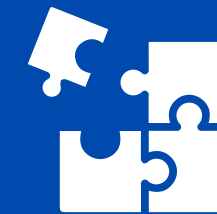
EXCELLENCE

Not just meeting
expectations, but
exceeding them



COLLABORATION

Stronger together than
apart.



INNOVATION

Progress through bold
thinking



OPERATIONAL RECOMMENDATIONS

Develop Matchmaking Platforms

- Launch an online platform (like China's Hubei Sci-tech Innovation Supply Chain) to connect researchers, businesses, and investors a.k.a. matchmaking

Upgrade Research Infrastructure

- Establish internationally accredited R&D hubs in key sectors (e.g., agriculture, textiles, mining).
- Prioritize innovation projects over infrastructure.
- Offer long-term leases to STI parks.

Legal and Regulatory Reforms

- Enact a Research Commercialization and Technology Transfer Law to clarify IP rights and spin-off processes.
- Introduce a Technology Transfer Manager Certification to professionalize innovation intermediation.

Leverage Technology for Transparency



GENERAL POLICY RECOMMENDATIONS

Strengthen University-Industry Collaboration

Improve Access to Funding

Enhance STI Park Management

Diversify Innovation Policy

Gender and Inclusion



CONCLUSION

- STI parks can drive Uzbekistan's economic diversification but require:
 - Stronger university-industry ties.
 - Tailored policies for each model.
 - Inclusive strategies (gender, disability).
- Call to Action: Align STI parks with national innovation goals.




THANK YOU!

Sarvar Djalalov


Director, innoWIUT Entrepreneur's Lab
Westminster International University in Tashkent
(WIUT)



 +99 8 99 829 5604

 sa.djalalov@wiut.uz

 inno.wiut.uz

 Tashkent, Uzbekistan