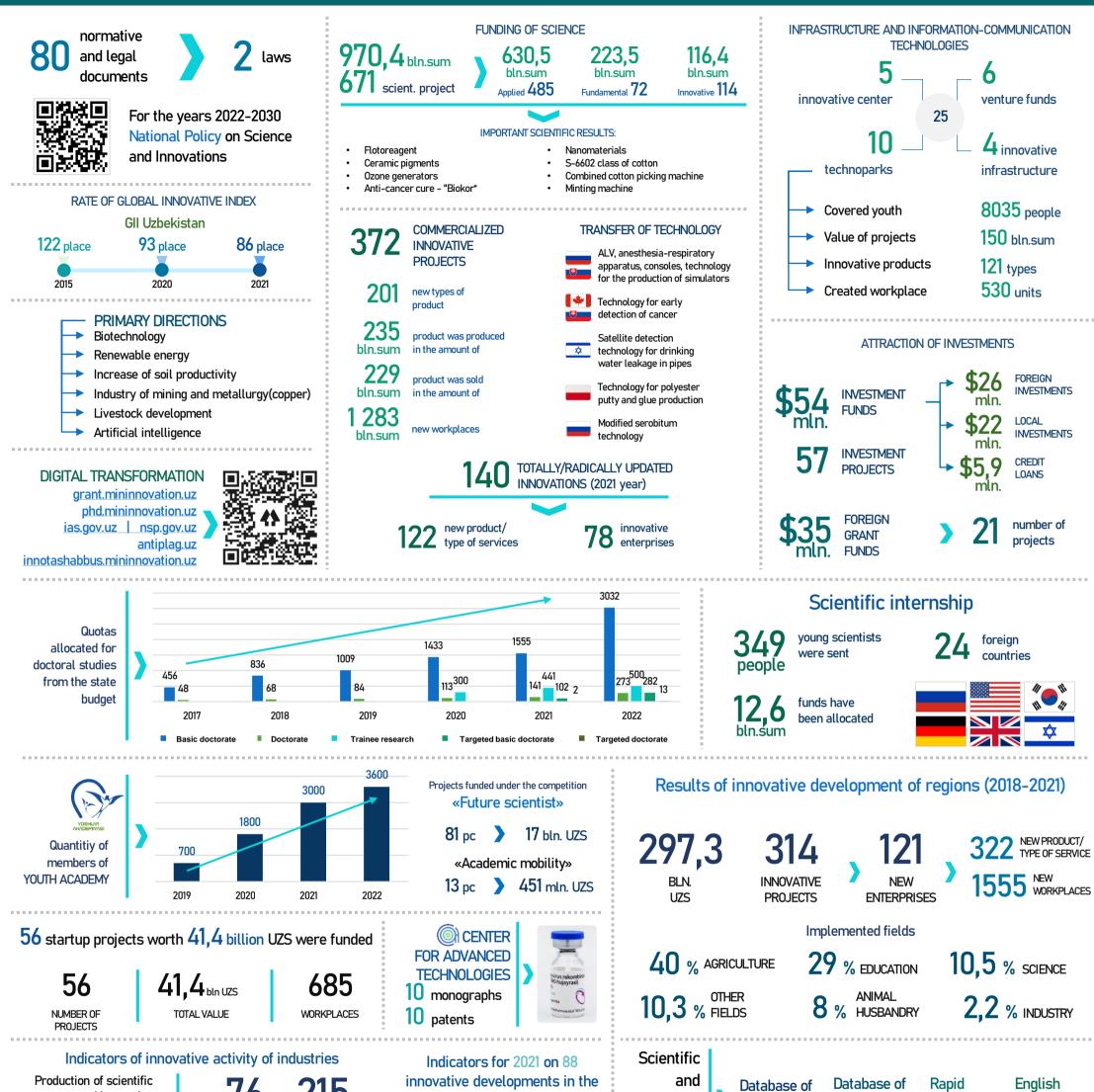


INNOVATIVE DEVELOPMENT OF THE REPUBLIC OF UZBEKISTAN 2017-2021 y. KEY INDICATORS





2 sets of Lidar

equipment worth

\$ 200,000 have

been brought



Work carried out at the expense of international grant funds

Utilization of Server DL380 has been launched worth \$ 12,000 for storing and processing data of the Energy Power System Model Plexos, DigSilent 125 trainings were conducted for Power Factory and specialists of the other software **Energy Dispatch Center** worth \$ 90,000 has been brought in

Development"

network line

2,63 Produced innovative bln. UZS products

2,58 Sold innovative bln. UZS products

19,05 Services provided bln. UZS

technical information scientific analysis experts service resources information system

> Scientific and practical innovation center of hydrogen energy technologies

Industrial experimental workshop with a capacity of 200 tons

Technology of production of UZ-AD-1 adsorbent

For

Science

Transfer of technology for the production of highly complex shaped parts using a metal 3D printer

Project for the development of the Republic of Karakalpakstan at the expense of grant funds worth \$ 5.1 million

Our scientific journals



Journal of "Science and Innovative



year

2021

Our activities in the media

NITIATIVES

3

place

index





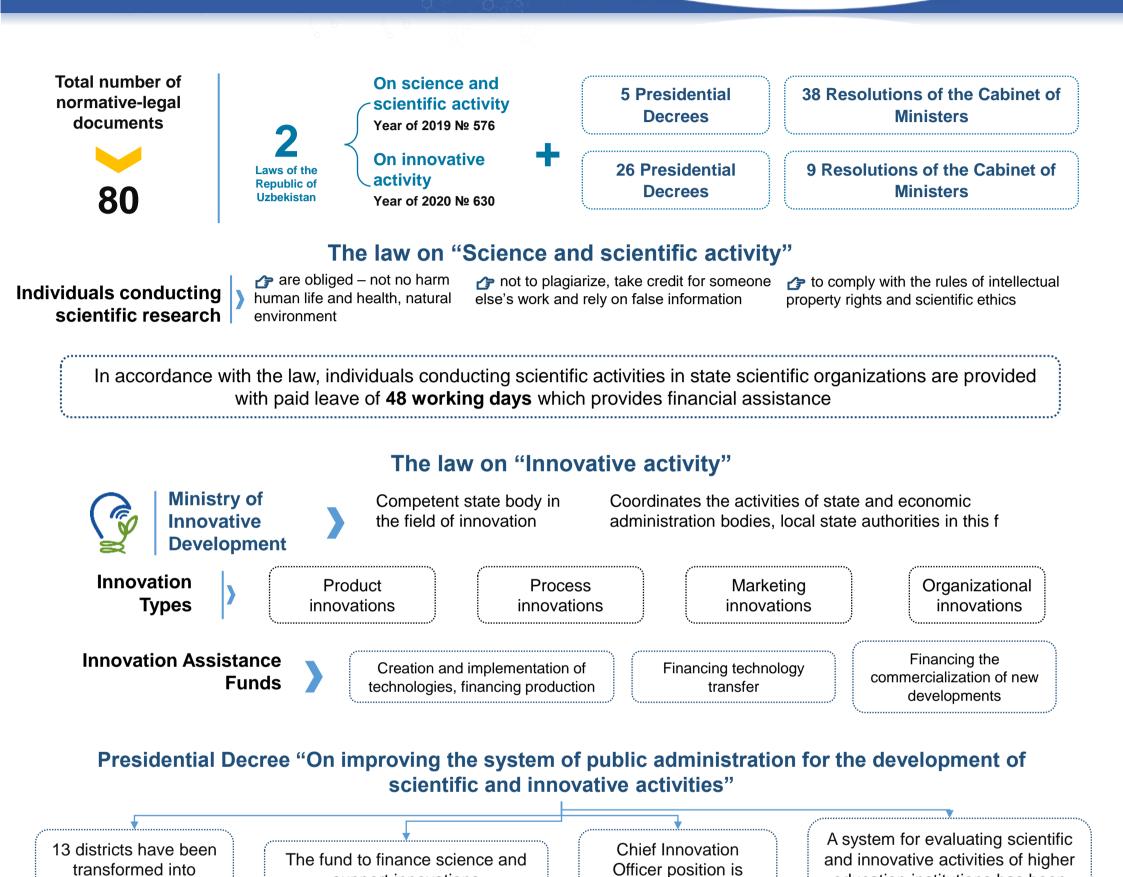


OUR PAGES **ON SOCIAL** NETWORKS





NORMATIVE-LEGAL DOCUMENTS IN THE FIELD OF SCIENCE AND INNOVATION



Resolution of the Government of the Republic of Uzbekistan No. 1030 "On the procedure for

additional payment of employees with academic degrees engaged in scientific, scientific-pedagogical and labor activities in state organizations in the field of science and education"

In accordance with the resolution, a system of additional payments to the salaries of employees engaged in scientific, pedagogical and labor activities in state labor organizations in the field of science and education was introduced.

support innovations

PhD DSc Up to **30%** Up to **60%**

education institutions has been

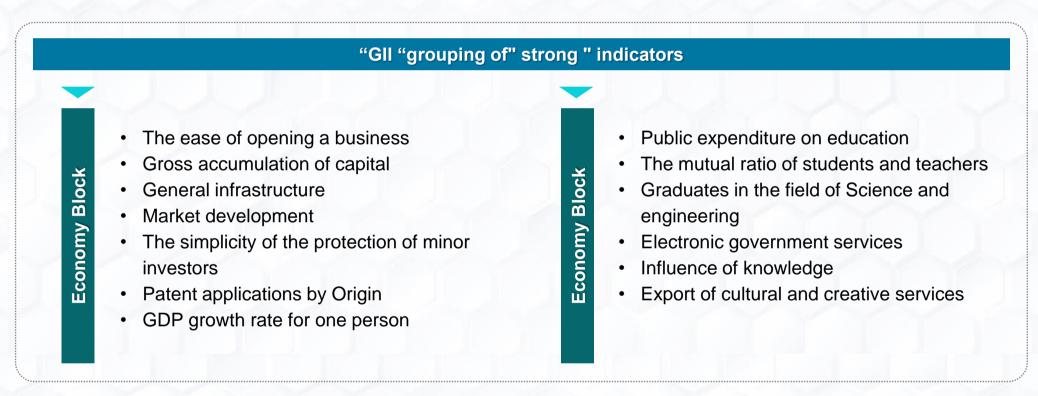
Resolution of the Government of the Republic of Uzbekistan No. 1030 "On the procedure for additional payment of employees with academic degrees engaged in scientific, scientific-pedagogical and labor activities in state organizations in the field of science and education"

"Academic persistence" Competitions "Future scientist" are organized

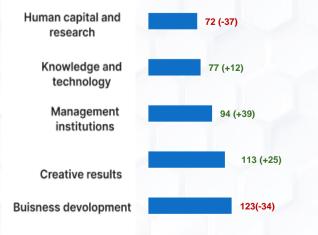
Short-term internships at least once a year

A simplified system of requirements for the selection of startup projects will be developed

PLACE OF THE REPUBLIC OF UZBEKISTAN IN GLOBAL INNOVATION INDEX RATING



Indicators of the GII rating trends in Uzbekistan (2021y)		The most pov	Тһ	The weakest indicators		
		The growth process of GDP in relation to each worker	12 8	Industrial samples by Origin	64	69
Market devolopment 24 (+1)	01)	Useful model application by Origin	30 22	Production of electricity	80	82
		Government expenditure for training (from GDP)	31 28	Firms offering formal training	82	87
Infrastructure 72	(+39)	The ratio between the pupil and the teacher, the medium	38 37	Funded abroad	96	97





High-tech imports

Direct and foreign

Researchers

Top 3 of the HEs by QS rating

Intellectual property fees

60	51	
80	58	
70	69	
77	74	
		1
90	83	

■ 2020 y. ■ 2021 y.

International Detaut	
International Patent Cooperation	97
Receipts from inntelectual property	95
Unit of use of energy resources	102
resources	
High-tech export	117
scientific technical	123
publications	

■ 2020 y. ■ 2021 y.

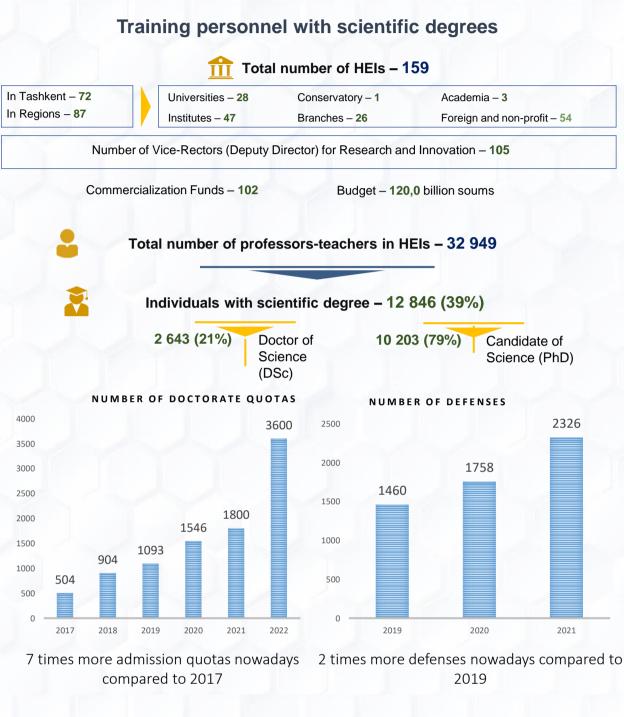


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INDICATORS OF HUMAN CAPITAL DEVELOPMENT

Digitalization of postgraduate education

0-



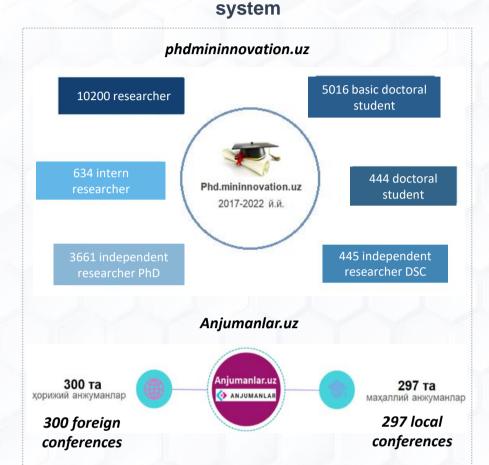
Budget from commercialization in 2021

The highest 10 (million sum)

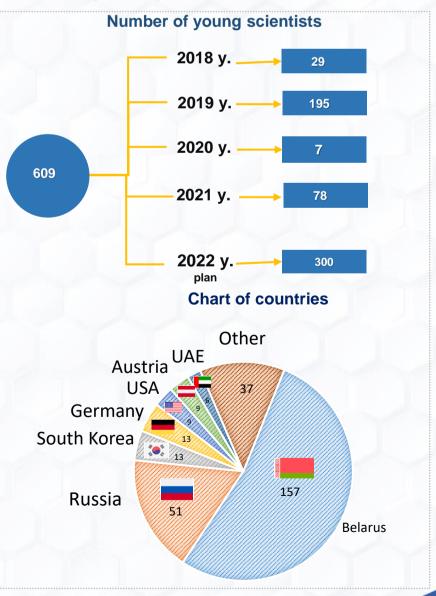
Tashkent Chemical-Technological Tashkent State Transport University Navoi State Mining Institute 2.970 Tashkent State Technical University 2,020 Tashkent Irrigation and Agricultural Samarkand State Architecture and Tashkent State Agrarian University Tashkent Finance Institute 320 Bukhara Engineering and Technology 310 Samarkand State Medical University

The lowest 10 (million sum)





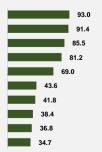
Sending young scientists to interrships



Rating of HEIs regarding innovative potential

The highest 10





The lowest 10

8.1

8.2

9.4

12.3

Karakalpak Medical Institute	3	3.1
Ferghana medical institute of public heal		3.4
Samarkand State Institute of Economics		3.6
Samarkand State University of Veterinar		4.9
Jizzakh Branch Of National University of		5.1
Samarkand State Architecture and Cons		5.7
Namangan State University		
Bukhara State Medical Institute		
Fergana State University		
Uzbek state university of physical culture		



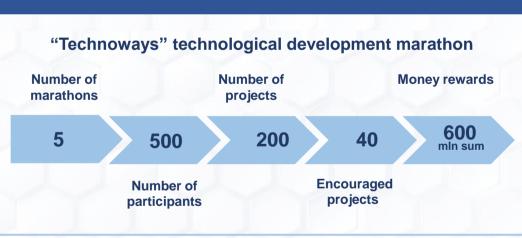
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INDICATORS ON THE INTRODUCTION OF INNOVATIONS AND TECHNOLOGY TRANSFER

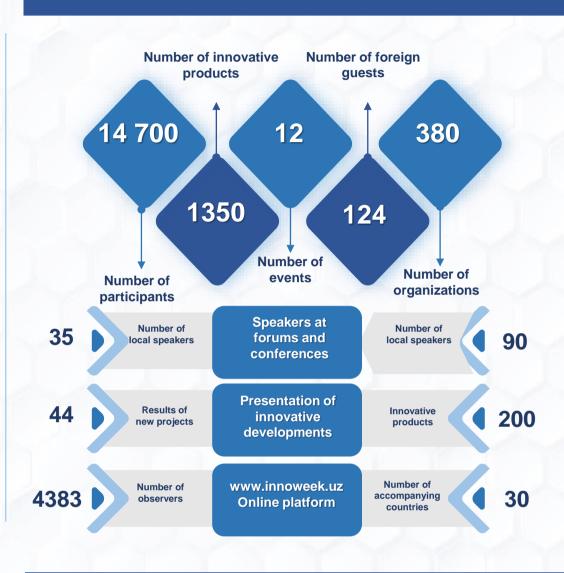
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In th	e field of technolog	y transfer:
Total transfer cos		Number of technologies 20
Ο ΤΙΚΑ	 Turkish Internation Development Agency 100 US dollars 12 mini technology 	
	 USAID organization "Power the Future" p 245 US dollars 2 Ta LIDAR technolog 	
KCOODSAGIO	 KCOOPSAGRO comp 109 US dollars Innovative energy sav 	
	 South Korean techno 500 thousand US doll Metal (copper) for 3D 	ars
THE WORLD BANK	 Grand funds of the W 2 production hangars 4 types of technology 440 US dollars 	

System of working with knowledgeable youth



"InnoWeek.uz-2021" week of innovative ideas



Exhibition and fairs

Vision of products created in innovative districts:

- $\boldsymbol{\diamond}$ Innovative regions - 13
- Innovative products more than 50 *
- Participated entrepreneurs more than 100 ٠
- * Andijan experimental - exhibition area

"Made in Uzbekistan" international industrial fair:

Number of developments - 7

"Technoways" youth business incubator

Established areas: 3

Number of projects: 75

- Andijan 20 ٠.
- ٠ Fergana – 28
- Syrdarya 27 *

Expected result:

- Youth employment 130 people *
- * New types of business fields - 56
- \diamond Organization of spin-off enterprises - 42

Introduction of innovations

More than 3 000 'National intelligent cameras based on artificial intelligence" technology



Innovative Ferris wheel: Electricity raises water at least 8-10 meters above the ground without energy consumption

0

Innovative energy saving greenhouse

"The heirs of Mirzo Ulugbek" Republican competition

First stage5 people (in each region)	5 times of the Basic
	Calculated Amount
Second stage20 people (in each region)	10 times of the Basic Calculated Amount



Aerostat device: flying indicator 46 thousand meters



INDICATORS ON THE ACTIVITIES OF "YASHNABAD INNOVATIVE TECHNOLOGICAL PARK DIRECTORATE"

ABOUT ACTIVITIES OF THE RESIDENTS

- G Number of residents
- □ 774,5 bln. Sum Manufactured products
- □ 710 New vacancies
- □ \$ 11,4 mln. USD Made investments
- ST.4 mln. USD Exported products

ABOUT INTERNATIONAL COOPERATION

Technopark, in cooperation with CelluFAB.Co.LTD and KH.Co.LTD (South Korea), has made direct investment in the form of a nonrepayable grant of \$5.9 million in production equipment and \$1.0 million USD worth of laboratory equipment

ABOUT ACTIVITIES IMPLEMENTED IN THE TERRITORIES

Namangan regional branch of "Chust" Innovative Technopark

10 innovative projects received residency status
79 vacancies created
236 mln. sum worth of products were produced

Altynsay district

"Youth innovative production zone"

1,2 hectares of land will be fully operational by the end of 2022

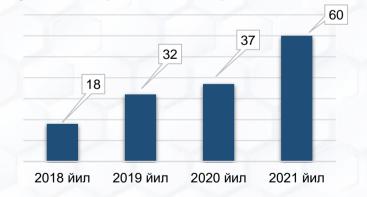
5 startup projects developments will be launched

Altynsay district "Business Incubator" program

In 2021, Technopark launched "Business Incubator" the program in Altynsay district, Surkhandarya region with the implementing of aim innovative ideas of young people in practice. Of the 120 startup ideas across the regions, 50 were accepted, and online-offline classes were organized by mentors and speakers.

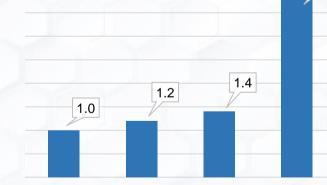
ABOUT RESIDENTS

The growth rate of accepted companies for residency **increased by 233%** (in numbers)



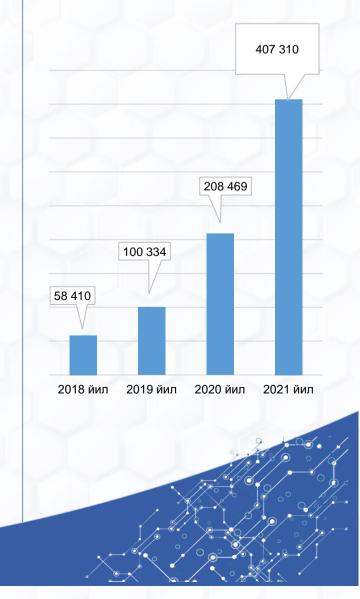
ABOUT EXPORTS AND INVESTMENTS

The volume of exports made during this period **increased by 280%** (million sum)

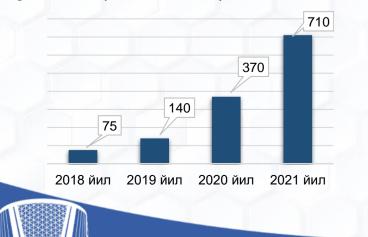


ABOUT MANUFACTURED PRODUCTS

Production growth rate (million sum)



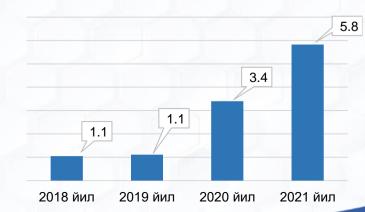
The growth rate of accepted companies for residency **increased by 846%** (in numbers)



 2018 йил
 2019 йил
 2020 йил
 2021 йил

 The volume of investments in innovative projects increased by

 427% (million US dollars)



INDICATORS OF COMMERCIALIZATION OF INNOVATIVE DEVELOPMENTS AND TRANSFER OF TECHNOLOG

Commercialized innovative developments in 2018-2021



Production and sale of scientific products as a result of commercialization (UZS)



Transfer of technologies



140 Disruptive innovations in 2021

78 Innovative enterprises

Innovation Water Filters, Yuma Green, Merry-Cricket

122 new product / service type

Reverse osmosis filters, herbal extracts, new generation biopreparations, linoleic acid, new seeds



Agriculture – 34 %
Energy – 18 %
Medicine and pharmaceuticals – 23 %
Mining and geology– 13 %
Other areas – 13 %



introduced in the

The World Bank's MUNIS project implementation worth of 50,0 mln USD has been launched



One-time award to the authors of patented intellectual property in the amount of 10 times the amount of the basic calculation

A cash prize of 700 million UZS was awarded to patent holders



Spring and autumn commercialization forums have been organized

48 innovative products were mastered

Technology for the production of artificial ventilation (IVL), a medical consoles and simulators

"Chirana Asia" LLC



Technology for the production of **polyester putty and polyester glue** (special glue for marble, granite and other stones)



Modified seriatim technology based on sulfur and bitumen, which is considered factory waste

New diuretic drug "Ekustim", new generation biopreparation "Serhosil", multifunctional coating for cell recovering and organ regeneration, photoelectric module and automated stands, etc.

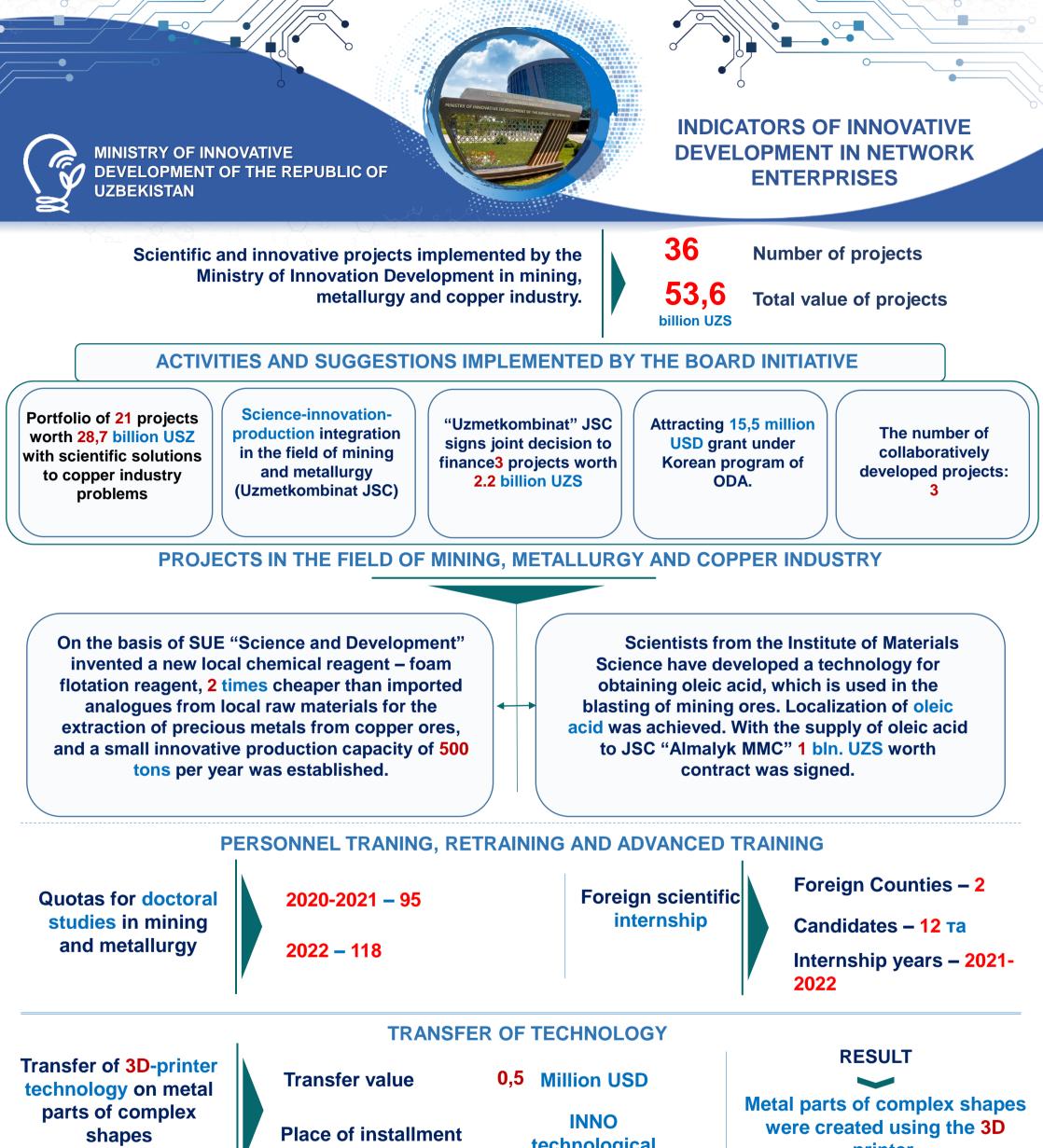


For the first time in the history of Uzbekistan, the national selection round of the Entrepreneurship World Cup 2020 (EWC) was held



Science for Kids platform was launched to attract young people to exact and natural sciences, innovations as well as to increase their knowledge of mnemonics

Involved more than 10 000



technological park Tashkent printer.

Copper alloy and powder production

Transfer value

3,5 Million USD

Place of installment

Center of Rare Metals in Chirchiq RESULT

Production of high-quality copper alloys and powders







DESERT PLANTS

Development project of the Republic of Karakalpakstan

Projects implemented in economic sectors

Implementation of the SATREPS state program project in Japan

Integration of science-innovationproduction in the field of mining and Metallurgy ("Uzmetkombinat" JSC) 21 projects portfolio for scientific solutions to copper industry problems worth 28.7 billion sums

Transfer of 3D-printer technology on metal details of very complex shapes International conference "Transformation of the Aral Sea region into a zone of ecological innovation and technology"



IN 2022, IT IS PLANNED TO BE IMPLEMENTED IN 36 INNOVATIVE DISTRICTS

123,9 BLN.SUM

INNOVATIVE PRODUCTS

ENERGY

148 PRODUCTS > 1575 NEW WORKPLACES

new innovative (spin-off) enterprises specializing in the production of scientific products (goods and services) will be established in promising areas of innovation

CUNSTRUCTION

OTHER FIELDS



2022-2024

AGRICULTURE

YEARS

INNOVATIVE ENTERPRISES WILL BE **ESTABLISHED**

56 FOREIGN INNOVATIVE PROJECTS WILL BE IMPLEMENTED (WIYH FOREIGN COMPANIES)

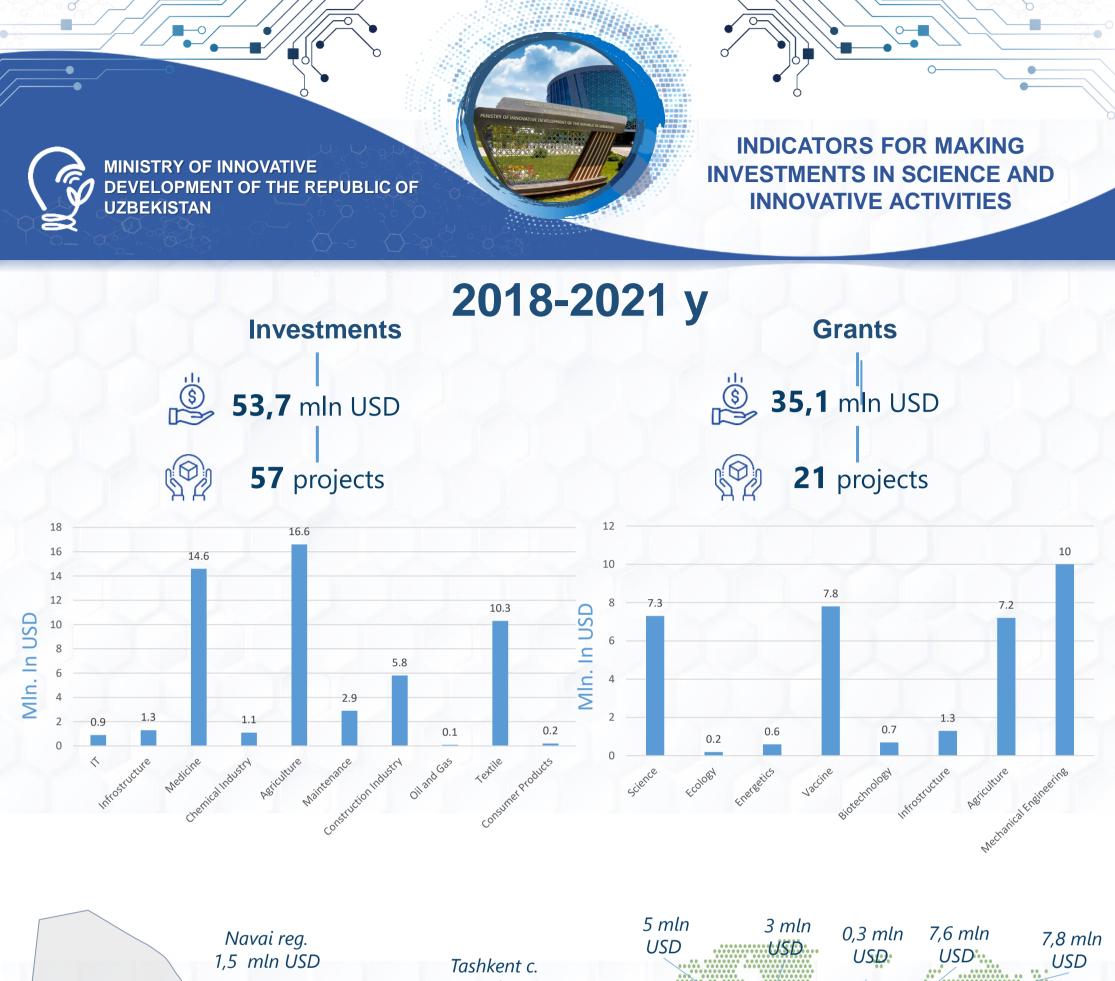
0 PATENTS WILL BE ISSUED (PER YEAR)

351 NEW TECHNOLOGIES WILL BE INTRODUCED

BLN.SUM ENTREPRENEURIAL FUNDS WILL BE **REDUCED FOR R&D**

66 BLN.SUM FOREIGN GRANTS WILL **BE ATTRACTED**

START-UP PROJECTS ● I WILL BE IMPLEMENTED





5,7 mln USD 0,9 mln USD

In 2021 Total: \$21 mln **In 2022** Total: **\$29,6** mIn

Investments: **\$14,1** mln

Grants: \$6,9 mln

Investments: \$17 mln

Grants: \$12,6 mln

40% growth over 2021





China Federation 10,0 mln USD

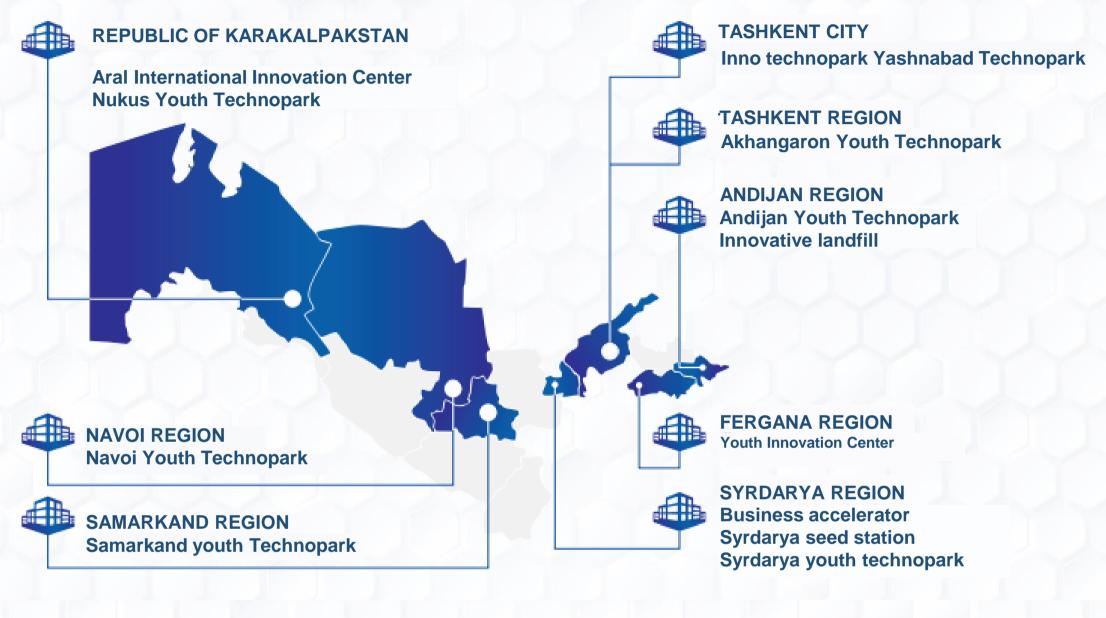
MOTIE 10,0 mln USD

MOLIT 500 mln USD



INDICATORS OF INNOVATIVE INFRASTRUCTURE CONSTRUCTS

Innovative infrastructure constructs



Indicators of youth technoparks

Number of covered youth	Ċ,	1035
Number of formed startup projects	4	30
Number of training and practical courses on modern professions	•	18

Indicators of Yashnabad technopark

Number of residents	-	65
The value of the formed projects	-	150 bln.sum
Type of innovative products	F	110

Number of created new workplaces

Number of projects in the program Incubation / Acceleration



- 500

Indicators of youth technoparks

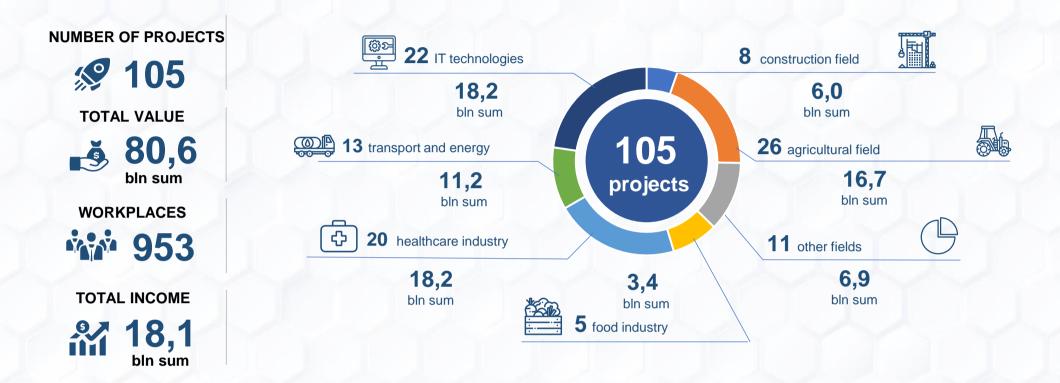
Number of covered youth-7000Number of formed
prototypes-24Number of innovative products-11



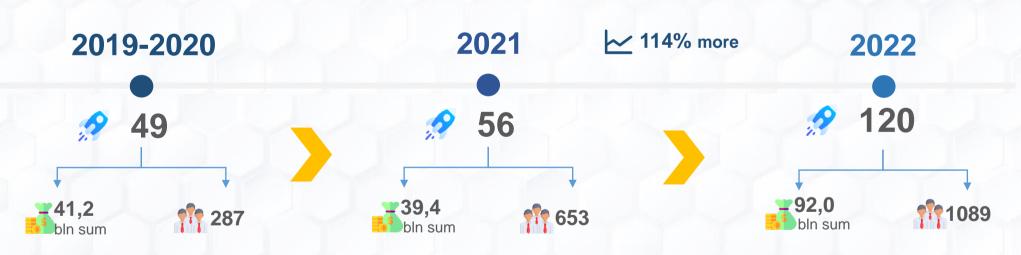


STARTUP SUPPORT INDICATORS

In 2019-2021, a total of 80.6 billion sums of startup projects were financed



In 2022, it is planned to finance twice as many startup projects as in 2021



Work to be completed in 2022



Startup projects in 2022



Normative and legal documents

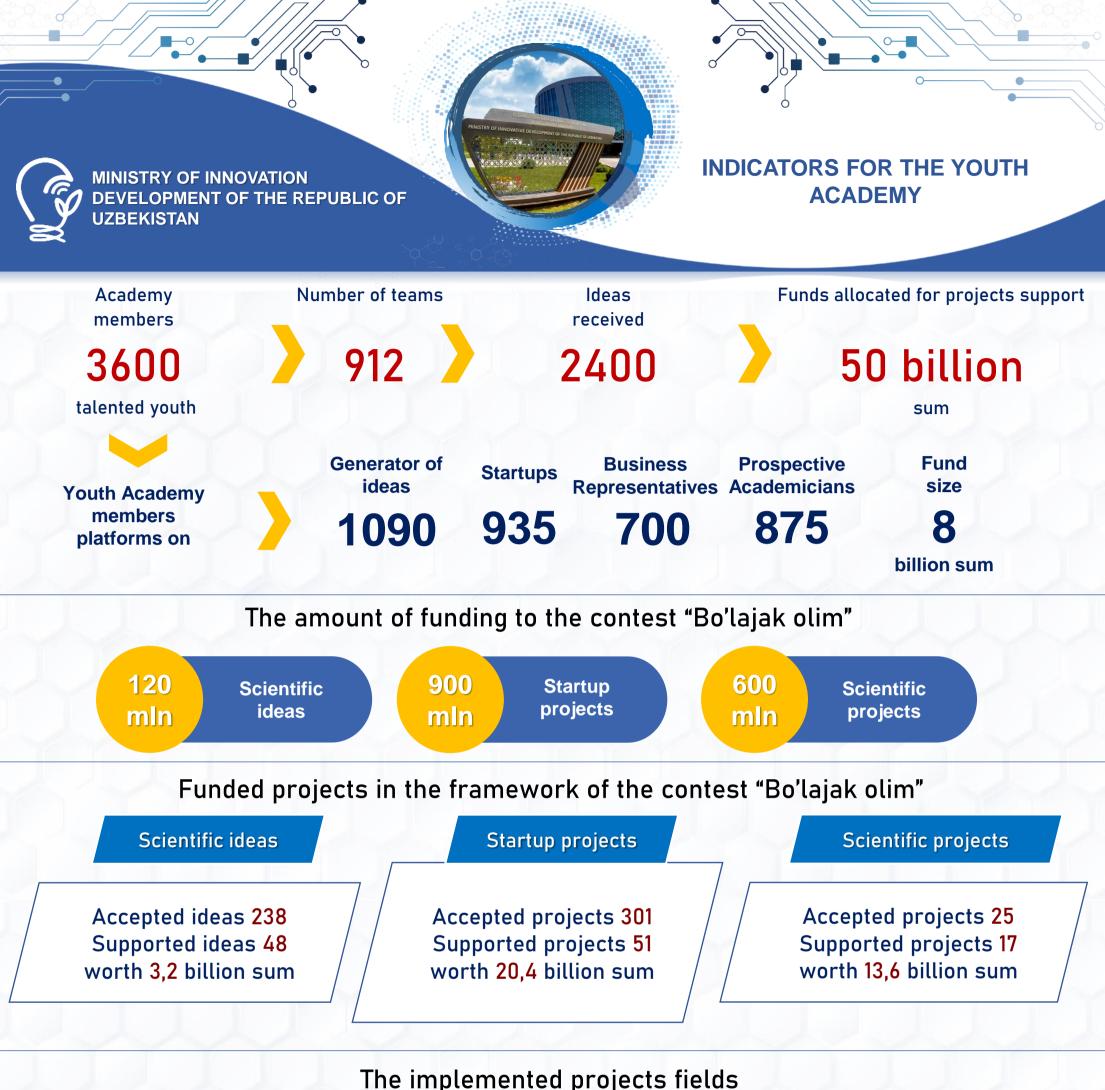


Digitization of startup selections



International joint startup competitions





			. ,			
Number of jobs	ENERGY	11	9,4%	MECHANICAL ENGINEERING	11	9,4%
Number of jobs created	FOOD INDUSTRY	10	8,6%	SOCIAL TECHNOLOGIES	14	12,1%
640	AGRICULTURE	15	12,9%	MEDICINE AND BIOTECHNOLOGY	14	12,1%
	INFORMATION TECHNOLOGIES	27	23,4%	OIL, GAS, AND CHEMISTRY INDUSTRY	14	12,1%

"AKADEMIK HARAKATCHANLIK"

Implementation of scientific projects in the territory of the Republic of Young scientists, exchange programs

13 Youth scientists



In order to support talented young people involved in scientific and innovation activities

"Innovatsion g'oyalar yetakchisi" Medal of honor

the best candidates each year

INDICATORS OF INTERNATIONAL RELATIONS IN THE FIELD OF SCIENCE AND INNOVATIONS





Scientific projects 2 million dollars



Innovation System» 50 million USD

Meeting of leaders in science and technology



70 PhD quotas

"Smart screen" Technology transfer

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INDICATORS OF ENFORCEMENT OF NORMATIVE AND LEGAL DOCUMENTS IN THE FIELD OF SCIENCE AND INNOVATION

0-





18 section

0 section

In progress

Not done

Not done- 0 section

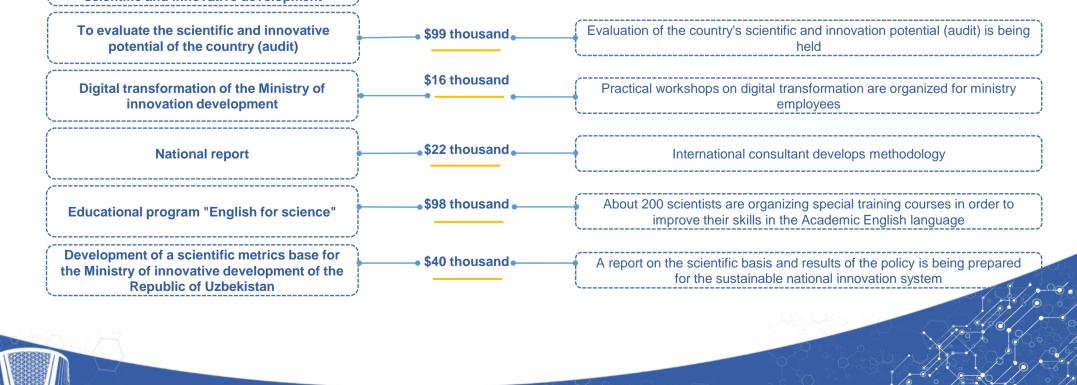
21 number

Done- 18 section
 In progress - 0 section
 Not done - 0 sectin

95 number

Done – 14 section
 In progress– 16 section
 Not done – 0 section

MINISTRY OF INNOVATION DEVELOPMENT OF THE REPUBLIC UZBEKISTAN	COF		Project "Modernizing Uzbekistan National Innovation System"	
Research Excellence Program (REP) (Research grants)	\$10 mln		Group, a grant of 200-600 thousand US dollars cated for a period of not more than 24 months.	
Research Commercialization Program (Research commercialization grants)	\$4 mln	•	0 thousand US dollars will be allocated to the of scientific research results for a period of not more than 24 months	
Public Research Institutes Modernization (PRIM) Program	m \$6 mln		integration of national scientific research activities ts of World Science, modern laboratory equipment and devices are purchased	
Innovation capabilities progra (Grants)	m \$10 min		ing enterprises will receive a grant of up to 50 for the establishment of quality certificates and small-scale production	
Business Investments in R&D Program	\$10 mln	amount of funding is a	d through public and private partnerships. The Illocated from 300 thousand US dollars to 600 rs for a period of not more than 24 months	
Organization of the prestigious international Expert Board (IEB (involving international scientist consisting of 7 members)		participants of the o accordance with inter	k of the project components, the projects of the competition should be examined, qualifying, in rnational standards, provide expert conclusions, g and regularly provide scientific and technical support	
Research Excellence Program (Research Grants)	Projects	199 10 mln. US dollars	I round 109 project Il round 90 project	
Ongoing contracts	Cost		Results	
Quality assurance and digitization of the Ministry of innovation development	\$98 thousand	Quality is ensured a	and digitized by the Ministry of innovation development	
Training of employees of the Ministry of innovation development on digital transformation	•\$18,5 thousand•	New skills in digital transformation are being generated		
Development of a strategy for the development of Science and innovation	• \$99 thousand •	A strategy for th	ne development of Science and innovation is being developed	
Implementation of technological forecast in order to determine the priority directions of scientific and innovative development	• \$99 thousand •		nine the priority directions of scientific and innovative nent, a technological forecast is being made	





COLLECTION OF SCIENTIFIC STATISTICS AND IMPLEMENTATION OF INFORMATION-ANALYTICAL SYSTEMS

nsp.gov.uz

ias.gov.uz

The national scientific portal includes modules (public administration in the field of science and innovation, scientific and innovative infrastructure, national scientific and technical information resources, database of innovative ideas, information for scientists).

It includes information on all higher education and research institutions in the Republic, as well as information on scientific developments, publishing activities, patents and research projects of researchers, as well as tasks such as identification of scientific potential.

INTERNATIONAL SCIENTIFIC DATABASE

more than 100 webinars

An asymmetry department was established.





more than 100 HEIs and SPIs

more than 8000 participants

The publishing and patent A list of authoritative scientific activities of local scientists were journals has been compiled for local researchers analyzed

ENGLISH FOR SCIENCE

"English for Science" project was based on a three main phase program designed for more than 200 research scientists. At the same time, the students participated in the trainings for 9 months on the basis of the program, which consists of the stages of "General English", "Academic writing", "Grants and Scholarships".





INFORMATION SERVICE OF THE MINISTRY OF INNOVATIVE DEVELOPMENT

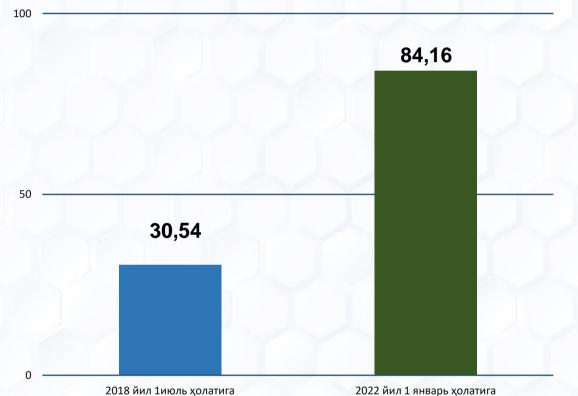
According to the results of the 2nd half of 2021, the activity of the head of the information service of the Ministry was rated HIGH *.

2021

20	Published articles at the Minister's print media	
35	The number of appearances of the Minister on television	50 —
25	Number of official pages on social networks	
42	Number of videos about the activities of the Ministry	
21	Number of press conferences held by the Information Service	•
53	The number of major events widely covered in the media	on In
	ERAGE OF IN SOCIAL WORK PAGES OF THE MINISTRY. 20000+	

As of July 1, 2018, the Ministry of Innovative Development took the 3rd place in the "OPENING INDEX" rating

"Transparency Index" Rating of government authorities and governing bodies



From June 2021, 34 board meetings will be broadcast online on the YouTube platform of the Ministry of Innovation Development and through Facebook

> 2 SPECIAL EDITIONS of "Economic Bulletin of Uzbekistan" are dedicated to the activities of the Ministry of Innovative Development.

Support bots of the Ministry of Innovative Development have been launched @uzmininnovation_bot | @mininnovation | anticorruption_bot | @vaksinatsiya_bot

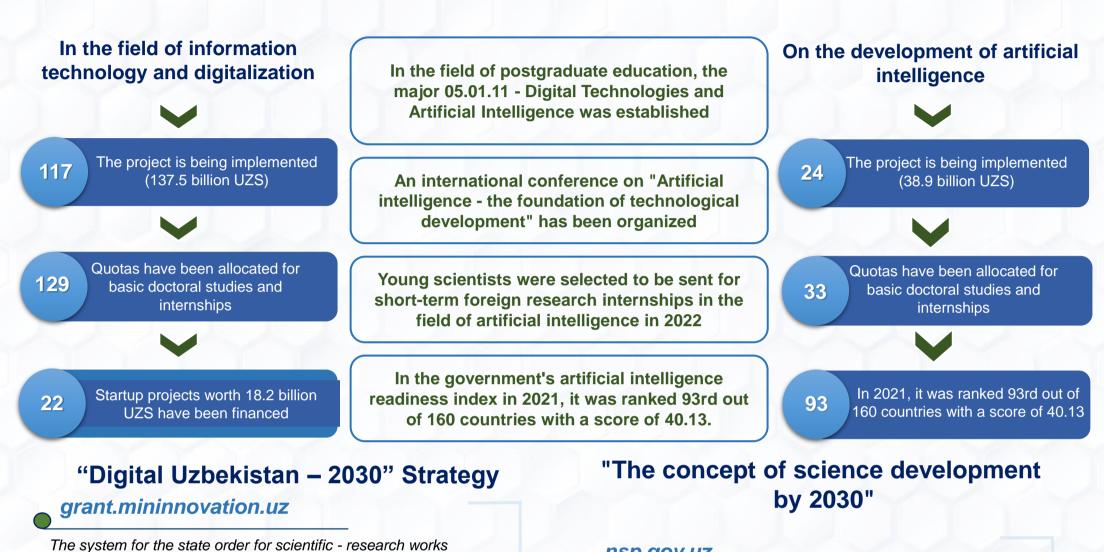
The Minister's open dialogue on his activities in 2021 and plans as well as implementation in 2022 was broadcast online.

Open dialogues are planned to be held on a quarterly basis.





INDICATORS ON DIGITALIZATION OF INNOVATIVE ACTIVITIES



phd.mininnovation.uz

A single information system for a coordination of the system of training of scientific level personnel

ias.gov.uz

System for scientific and technical information analysis

2021

navigator.uzmip.uz

Centralized information portal on "Navigator for innovation"

invest.mininnovation.uz

Electronic register on attraction and use of external grants and its database

nsp.gov.uz

National scientific portal on scientific potential

antiplag.uz

Anti-plagiarism system

slib.uz

An electronic library with an extensive database of articles from scientific journals and authors of Uzbekistan

"Modernizing the national innovation system of Uzbekistan"

2021

slab.gov.uz

The only electronic database of research laboratories in Uzbekistan

2022





3-year practical work on "Reclamation of saline lands in the Republic of Karakalpakstan (Muynak district) with the use of adapted raw materials for agricultural crops (**Apocinum / Kutra** plant) and the creation of textile value as an alternative to cotton" within the **CLIENT II** program implemented by **CASIB, Germany** has started.

In collaboration with the **ICBA Center**, experiments of ecological assessments of food and fodder crop growth were carried out to test the resistance of plants to the Aral Sea climate, salinity, heat and drought **involving Q3 and Q5 examples of Quinoa, Red and White Amaranth** being planted as an experiment. A lysimetric research site has been set up to conduct scientific research.

- **Fodder hay 480 M2 territory**
- Technical Crops 990 м2
- Cereals 7740 м2
- Cereal-Legumes 990 м2
- Legumes 512 м2 territory was populated with plants as a test

"Muynak Experimental Field" (106 ha)

- Medical Plants (China) -1,7 ha,
- > Cultural Forest -6,82 ha,
- > My Garden in Aral Sea Territory-1,8 ha,
- > Oily and halophyte plants -1,7 ha,
- Drought resistant plants 1,85 ha,
- Plant nursery area 2,5 ha.

190 varieties of wheat imported from Mexico and African countries were planted on a total area of **380 m2** to be compared to the local Semurg variety



INDICATORS IN THE ACTIVITY OF THE INTERNATIONAL CENTER FOR MOLECULAR ALLERGOLOGY

Cooperation with Vienna Medical University

.....

Italy's Lanzon s.r.l. Modern lastgeneration VPPs 2010 flower pollen traps brought by the company were installed in the Republic of Karakalpakstan, Tashkent City, Samarkand, Jizzakh, Bukhara, Navoi, Namangan and Khorezm regions.



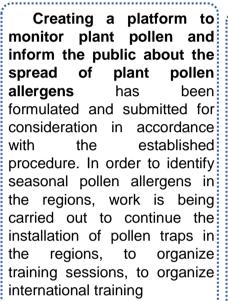
At the International Center for Molecular Allergology, **more than 282** allergic microchip technologies for analyzing have been launched and 1021 patients have been provided with a system of analysis

Cluster of young scientists

.....

In order to support the initiatives of educated youth, to ensure international competitiveness of the country's science, to further strengthen the potential of existing scientific schools and to further revive the work carried out to develop their innovative potential, the International Center for Molecular allergy "cluster of young scientists" was established. Scheme of location of flower Equipment for collecting allergic pollen traps pollen in the air







Паспорт

Passport

A passport of innovative

allergic sensitivity was

developed, which

includes aggregated data

on allergic disease, types

of allergens, as well as other data on the risk of

developing emergency situations.

The target practical project "Development of products for passive immunization of people against SARS-CoV-2 on the basis of milk of vaccinated farm animals" was implemented with positive results.

.....





The project" development and implementation of a system of marking of hidden food allergens in food products " has passed the scientific and technical Council and work is being carried out on this project.



15 potential allergenson the examined patients - Ana C 2 (pineapple), Ani s 1 (anisakis), Ber e (Brazil nuts), Cam d (tuya milk), Car p (papaya), Fra a (strawberries), Gal d_meat (chicken meat), Hev b 11 (latex), Lac s (lettuce), Mac I 2s albumin (macadamia), Mala s9 (Malassezia symbodialis, fungal'), Mus a (banana), Ole-fruit (olive), Ovi a-epithelial (sheep skin), Thu a (tuna) no sensitivity was determined.





Works carried out on the basis of the national project of the green space

On the basis of the analysis of molecular allergosenbilization of trees, the most dangerous tree species used in the improvement and landscaping of urban and other population punches were identified. Types of decorative ornaments with a landscape, which is an alternative to allergies, were introduced.

Flower pollen of representatives of the family Sirgesaseae, Populus, Platanus, Salix and Fraxinus flower pollen of Representatives of the family Picae, Pinus, Plantago and Quercus flower pollen of the family Artemesia, Ambrosia, Shenopodium.





INDICATORS IN THE ACTIVITY OF THE INTERNATIONAL CENTER FOR MOLECULAR ALLERGOLOGY

MULTIPLEX MICROCHIP



An innovative allergy susceptibility passport has been developed, which includes aggregated information on allergic disease, allergen types, as well as other information on the risk of developing emergencies. The International Center for Molecular Allergology has launched an analysis system using more than 282 allergy microchip technology and served 1,021 patients.



IMPLEMENTED PROJECT IN 2021 - 2022

The target practical project "Development of products for passive immunization of people against SARS-CoV-2 on the basis of milk of vaccinated farm animals" was implemented with positive results.



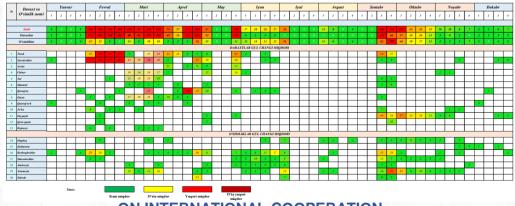
ACCORDING TO THE CLIMATE OF THE REGIONS IDENTIFIED BY THE CENTER, THE TYPES OF TREES AND PLANTS WITHOUT ALLERGIES WITHIN THE FRAMEWORK OF THE NATIONAL PROGRAM" GREEN SPACE "

N⁰	N⁰	Name	Number of seedings
		Bushes	
1	1	Syrian rose (Сирийская роза -Hibuscus syracus)	In the Botanical Garden of the Academy of Sciences of the Republic of Uzbekistan, there is an opportunity to prepare 7000 seedlings by 2023.
2	2	Indian lilac (Indian Lilac- Lagerstroemia indica)	
3	3	Deycia (Deutzia amorensis, D. scabra, D. mollis)	
4	4	Ligustrum glossy leaf (Bryuchina, Ligustrum lucidum)	
5	5	Barberry (Barbaris - Berberis thunbergii, B. juliana)	
6	6	Spanish drag (Spanish drag - Spartium conceum)	
7	7	Pirakanta (pirakanta - Pyracantha coccinea)	
8	8	Black necklace (Buzina Chernaya-Sambucus nigra)	
9	9	Types of Shelvi (Jimolost-Lonicera)	
10	10	Snow-capped fruit Bush (Snejnoyagodnik Beli- rosary,Symphoricarpos albus)	
11	11	European forzisia (Forsythia european)	
12	12	Simple siren (Siren ordinary, - Syringa vulgaris)	
13	13	Damn, an ordinary (Roza-Rosa canina)	
14	14	Magonia (Mahonia aquifolium of Magonia)	
		From coniferous trees	
15	1	Western camel (Thuja occidentalis)	There are 1 500 seedlings in the Forestry Administration
16	2	Eastern biota (Biota orientalis)	
17	3	Barbed spruce (only available in private seedlings)	
		Medium-sized trees that do not spread allergen	S
18	1	Canadian slang (Canadian Purple- Cersis canadensis)	There are 4 500 seedlings in the forestry department and in private sector
19	2	Chitala (Chitalpa Tashkent - Chitalpa taschkentensis)	
20	3	Silk Acacia (Acacia Lankaran, Albizia julibrissin)	
21	4	Turangil (Turanga, Populus pruinosa)	
22	5	Scumpia (Cotinus coggygria)	
23	6	Sumax (Rhus coriaria)	
24	7	Cornus (Cornus)	
25	8	Types of Hawthorn (Hawthorn - Crataegus turkestanica)	
26	9	Viburnum (Viburnum opulus)	
То	tal	26	13 thousand bush seedlings

1M3 OF TREES AND PLANTS FLOWING IN THE AIR OF BLOSSOMING SEASON IN 2022 BY THE AMOUNT OF FLOWER POWDER

1M3 OF TREES AND PLANTS FLOWING IN THE AIR OF BLOSSOMING SEASON IN 2021 BY THE AMOUNT OF FLOWER POWDER

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ON INTERNATIONAL COOPERATION

Italy's Lanzon s.r.l. Modern last-generation VPPs 2010 flower pollen traps brought by the company were installed in the Republic of Karakalpakstan, Tashkent City, Samarkand, Jizzakh, Bukhara, Navoi, Namangan and Khorezm regions.

