



FUND FOR SUSTAINABLE  
DEVELOPMENT  
OF EDUCATION

# RESULTS OF WORK

2022



# Content

- **About the Fund**
- **Events of 2022**
- **Project "Rural School Powered by NIS"**
- **Project "Development of the Potential of Hub Schools in Rural Areas"**
- **EdCrunch Conference**
- **NIS Conference**







In 2022, the Fund for Sustainable Development of Education was established



## 2019

- Since 2019, the Sustainable Rural Development Fund has been implementing a project for the development of education in rural areas "Rural School Powered by NIS". The project has successfully proved itself in 4 schools of East Kazakhstan region and the gymnasium school in Makinsk of Akmola region.

## 2022

- In 2022, the founders of the Sustainable Rural Development Fund brought educational projects into a separate fund and created the **Fund for Sustainable Development of Education**.

« *Nowadays, education in rural areas significantly lags behind that in urban areas. Our goal is to equalize opportunities for students in both rural and urban settings.* »

## Serik Tolukpayev

Founder of AITAS Holding  
Equal founder of the Foundation for Sustainable Development of Education







# The chronology of FSDE events: 2022

April 2022

Registration of a new fund - FSDE

April 2022

Reporting meetings in Katon-Karagay district based on the results of the project "Rural Schools Powered by NIS"

May 2022

Educational tour to Astana

July 2022

Agreement with the Kazakhstan Khalkyna fund and NIS on the project expansion

August 2022

Online conference for rural schools participating in the project "Rural School Powered by NIS"

August 2022

Studying the experience of a rural camp "Bilimkana Camp in the Republic of Kyrgyzstan"

September 2022

Launch of the project for 17 schools - the first presentation in Katarkol village

October 2022

"Tulga Bolamyn" (I'll become a figure) Sultan Taigarin's 5-day seminar

October 2022

Trainings from NIS and CoE. Trainings on topics and tasks of the school curriculum that are difficult to deliver

October 2022

XIII International Scientific and Practical Conference of NIS AEO

November 2022

Training program for 17 schools of the project based on 6 regional centers

November 2022

Europe's largest conference in the field of education - EdCrunch

December 2022

Studying the experience of STEM laboratories development in Azerbaijan

December 2022

Presentation of the project results in 8 schools of the project (December 2022), 17 schools (February 2023)



RURAL  
**SCHOOL**  
POWERED BY NIS

**How does business  
change education?!**



## «Rural School Powered by NIS»

### 2019

The project, which started in 2019, was transferred to Fund for Sustainable Development of Education. In 2022, work also continued on equipping the classrooms of the project schools, and the partner of the Nazarbayev Intellectual Schools project provides methodological support to school-teachers.

### 2022

In 2022, work continued on equipping school classrooms at the expense of charitable funds from AITAS holding and its founder Serik Tolukpayev.

## PROJECT PARTICIPANTS:

S. Lastaev School, East Kazakhstan Region

Ulken Naryn Secondary School, East Kazakhstan Region

Uryl Secondary School, East Kazakhstan region

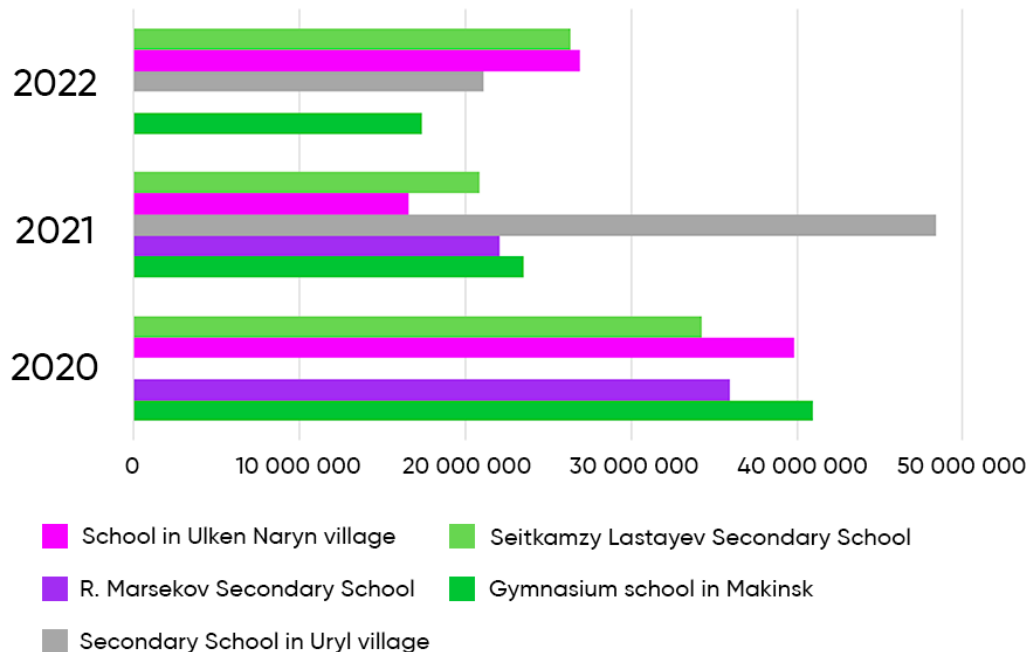
R. Marsekov School, East Kazakhstan Region

Gymnasium School in Makinsk, Akmola region



## RURAL SCHOOL POWERED BY NIS in figures

The amount of charitable assistance of AITAS holding and Serik Tolukpaev's personal funds to schools, KZT million



## Project coverage



**2,800** students, **320** teachers



**10-12%** - average increase in the quality of education over 3 years



**150 training events** were held for school-teachers.



**70 classrooms** are equipped in **5 schools**



## School Results

### S. Lastayev Secondary School, Katon-Karagay village, East Kazakhstan region

The school was included in the project in 2019-100% of teachers have completed advanced training courses, some of them have completed internships in NIS schools.

As part of the project, the classrooms of physics, chemistry, biology, geography, mathematics and logic, computer science, robotics, elementary classes, engineering workshops, cooking, art work and a library have been updated.

The school has opened classes of folk music, children's theater, and the ping-pong training program was launched. The school ensemble in 2022 won the Grand Prix in the international competition of folk ensembles in Almaty.

A partial mechanism of project-based learning is being implemented. For example, making animated cartoons (6th grade students), sewing clothes and bags (7-8th grades students), making fishing gear (5th grade students), modern methods of learning the alphabet for grades zero (2nd grade students), etc.

**At the expense of budgetary funds, the school building was overhauled in 2019. The quality of education has risen from 65% to 69% during the project implementation period.**

+4%

Growth of the education level from 2019 to 2022

₸89 089 356

Charitable funds invested in the school for 3 years of the project

16

classrooms were updated



## S. Lastayev Secondary School, Katon-Karagay village, East Kazakhstan region

S. Lastaev School is located in Katon-Karagay village and is located 330 km from the regional center. In total, 336 students are trained in the school who are actively engaged in project activities. Many changes took place in the school for 3 years. From the very beginning of the project, the school's teachers participated in courses and seminars organized by Nazarbayev Intellectual Schools, the Center of Excellence, and made many changes to the school's educational system.

***"303 out of 336 students of the school were involved in project work. A total of 54 projects are being prepared in 15 areas. Along with 62 teachers at the school, 4 laboratory assistants and 2 master of vocational training participate in various research projects related to the subjects taught,"***  
Galiya Doskanina, the School Director says.

At school, much attention is paid to projects to increase love for the native land. So students in this academic year carry out design and research work on the following topics: "Katon-Karagay Toponymy", "Katon-Karagay Petroglyph", "Kumyz and its Properties", "Determination of Soap Oil Content", "Adaptation of the Bozarsha Tree to Katon-Karagay".







## School Results

### Secondary School in Ulken Naryn village, East Kazakhstan Region

The school was included in the project in 2019-100% of teachers have completed advanced training courses, some of them have completed internships in NIS schools.

As part of the project, the classrooms of physics, chemistry, biology, geography, mathematics and logic, computer science, robotics, elementary classes, engineering workshops, cooking, art work and a library have been updated.

There is a ping-pong school, project work has been launched among students on the basis of updated classrooms and workshops.

At the expense of budgetary funds, the school building was overhauled in 2019. The quality of education has risen from 59% to 65% during the project implementation period.

**The number of winners of national and international Olympiads has almost doubled: from 65 to 126 students.**

**+7%**

Growth of the education level from 2019 to 2022

**₸85 201 718**

Charitable funds invested in the school for 3 years of the project

**16**

classrooms were updated



## Secondary School in Ulken Naryn village, East Kazakhstan region

The schools participating in the project "Rural School Powered by NIS" demonstrate growing indicators not only in the preparation of schoolchildren, but also in the professional development of teachers. Now teachers and students of schools take prizes in the top Olympiads of Kazakhstan.

**3 teachers entered the TOP-100 best teachers of Kazakhstan-2022**



**Nine teachers won prizes in the Republican Pedagogical Olympiad "Zeiny", six teachers - in the Olympiad "Best Teacher 2022", one teacher won the regional competition "Best Primary School Teacher of a New Format", three teachers of the school entered the Top 100 best teachers of Kazakhstan in 2022.**



«The number of schoolchildren has also increased, if in 2020 there were **253 students** studying at the school, then **today 315 students** are studying...»

Secondary school students actively participate in district, regional, republican, international competitions and Olympiads. Thus, the number of Olympiad participants from the school has increased 3 times since the beginning of the project: from 21 to 70 students, more than half of the participants took prizes.

The number of schoolchildren has also increased, if in 2020 there were 253 students studying at the school, today 315 students are studying.







## School Results

### Secondary School in Uryl, Katon-Karagay district, East Kazakhstan region

The school was included in the project in 2021-100% of teachers have completed advanced training courses, some of them have completed internships in NIS schools.

As part of the project, the classrooms of physics, chemistry, biology, geography, mathematics and logic, computer science, robotics, elementary classes, engineering workshops, cooking, art work and a library have been updated.

The school has opened classes of folk music, puppet theater, and also launched a ping-pong training program. There is a scout school in the school.

**The quality of education has risen from 69% to 75% during the project implementation period.**

**+7%**

Growth of the education level from 2019 to 2022

**₸75 923 483**

Charitable funds invested in the school for 2 years of the project

**18**

classrooms were updated



Өмір деген тіпті де тажал емес,  
Алтайдың қысы секілді қатігез,  
кілдерге суық, кілдерге ыстық.  
Дегенмен өмірді ләзнетпен,  
өкінуге де болмайды-ау

Оралхан Бөкей







Только тот истинно учен, кто хорошо поступает.  
Древнеиндийский афоризм

ХИМИЯ  
ТҮРМӨ



## School Results

### R. Marsekov Secondary School, Ulan district, East Kazakhstan region

The school was included in the project in 2019-100% of teachers have completed advanced training courses, some of them have completed internships in NIS schools.

As part of the project, the classrooms of physics, chemistry, biology, mathematics and logic, computer science, robotics, engineering workshops, art work and a library have been updated.

The number of winners of regional and republican Olympiads has more than doubled.

**The quality of knowledge has increased from 60.9% in 2019 to 70% in 2022.**

**+10,1%**

Growth of the education level from 2019 to 2022

**₸59 788 978**

Charitable funds invested in the school for 3 years of the project

**10**

classrooms were updated







## School Results

### R. Marsekov Secondary School, Ulan district, East Kazakhstan region

The school was included in the project in 2019-100% of teachers have completed advanced training courses, some of them have completed internships in NIS schools.

As part of the project, the classrooms of physics, chemistry, biology, mathematics and logic, computer science, robotics, engineering workshops, art work and a library have been updated.

The number of winners of regional and republican Olympiads has more than doubled.

**The quality of knowledge has increased from 60.9% in 2019 to 70% in 2022.**

**+8%**

Growth of the education level from 2019 to 2022

**₸92 076 632**

Charitable funds invested in the school for 3 years of the project

**14**

classrooms were updated



## Gymnasium School in Makinsk, Akmola region

The school actively implements innovative practices and technologies for the organization of training, teaching, evaluation, educational work, given the experience of specialists of Nazarbayev Intellectual Schools.

One of the areas of study were activities that help to reveal the creative, educational and research abilities of students.

So, a circle "Modeling and design of school clothes" was introduced for middle-level students, schoolchildren were able to decorate the yard themselves after studying in the circle "Designing and Modeling of Street Furniture", a training course on mobilography was organized on the initiative of sponsors of the project "Rural School Powered by NIS".

In September 2022, the school launched another project that is very important in the environmental education of students, "Separate Waste Collection". In a specially built greenhouse, the children were able to grow their first crop.

The real center of attraction for children was the school library, which was equipped with modern equipment and a coworking area was opened in it.



**«The complex of measures allowed to improve the quality indicators of the school, our students began to spend more time at school with interest, and now we already see how academic performance is growing, prize-winning places at the Olympiads. We are happy that we have become a part of the project and continue to participate in it»**

**Abisheva Aigul**

Director of the Gymnasium School in Makinsk







## **RURAL SCHOOL POWERED BY NIS**

### **Educational tour for 25 teachers of rural schools**

On May 4 and 5, an educational tour for heads and teachers of participating schools of the project “Rural School Powered by NIS” was held in Astana in order to introduce the best standards of education in regions.

On the first day, the tour participants visited the capital’s schools #85, #89, #8, Binom, NIS FMN, the Palace of Schoolchildren, as well as Centers of Children’s National Sports “Arka Alan” and National Center of Applied and Decorative Arts “Art Tumar”. Schools and centers were specially selected in such areas as the modernization of education, the organization of an effective educational process, the design of the educational environment, inclusive education, aesthetic education, the basics of a healthy lifestyle.

The second day of the tour was devoted to training events conducted by the best trainers of the Center of Excellence and the Center for Pedagogical Measurements of the capital. At master classes and seminars, teachers were told about the methodology and technology of teaching, lesson planning, differentiated learning, formatted and summative assessment, as well as the well-being of students.









**« We have been working with the Fund and partners since 2019, during which time we have managed to implement a large project "Rural School Powered by NIS". As part of the program, we have comprehensively implemented the school management methodology, strengthened the teaching technology and communication with the local community in 5 rural educational »**

## **Shamshidinova Kulyash Nogatayevna**

Honored Teacher of Kazakhstan, ex-CEO  
of Nazarbayev Intellectual Schools AEO







FUND FOR SUSTAINABLE  
DEVELOPMENT  
OF EDUCATION

# Development of the potential of hub schools in rural areas

**The program “Rural School Powered by NIS” has successfully proved itself in 5 schools in 3 districts of the country.**

**About KZT800 million of private sponsorship funds were attracted. Thanks to this, 2,800 schoolchildren have access to high-quality education.**

During the 3 years of the project implementation, the quality of education has significantly increased in the participating schools of the “Rural School Powered by NIS” project, schoolchildren have become more likely to participate and take prizes in international Olympiads, the level of satisfaction of teachers from working conditions and confidence in their knowledge and skills has qualitatively increased. As a result, the school modernization model developed by the FSDE was supported by Kazakhstan Khalkyna fund.

Thus, the partners have launched the project “Development of the Potential of Hub Schools in Rural Areas”, which is designed to provide methodological and material support to 17 schools in 17 regions of the country.

Money of Kazaketaan Khalkyna fund will be used only for the equipment of new modification classrooms, which are donated directly to schools.

The operational costs and expenses of training programs and methodological support are borne by FSDE.

**ON JULY 14, A MEMORANDUM ON COOPERATION HAS BEEN SIGNED BETWEEN KAZAKSTAN KHALKYNA FUND, FUND FOR SUSTAINABLE DEVELOPMENT OF EDUCATION (FSDE) AND NAZARBAYEV INTELLECTUAL SCHOOLS (NIS), WITHIN WHICH A GRANT FOR KZT4.25 BILLION HAS BEEN ALLOCATED FOR THE CHARITABLE EDUCATIONAL PROJECT "DEVELOPMENT OF THE POTENTIAL OF HUB SCHOOLS IN RURAL AREAS".**





## Project Partners



Kazakhstan Khalkyna fund finances the renewal of the material base for KZT 4.25 billion



AITAS Holding finances the administrative expenses of the project



NIS is an academic partner of the project, is engaged in professional development of teachers of schools of the project, provides methodological support to schools



Project Operator



« *Kazakhstan Khalkyna fund strictly adheres to its principles in matters of project financing. Today's memorandum was signed on the basis of a serious analysis of initiatives and reporting of the programs implemented by the FSDE. In cooperation as part of the "Rural School Powered by NIS" program, we saw an effective model and decided to support its implementation in other areas. This initiative is of great social importance, it will help to improve the level of education and life in rural areas* »

**Zhamishev Bolat Bidakhmetovich**

CEO of Kazakhstan Khalkyna fund

« Thanks to the support of Kazakhstan Khalkyna fund FSDE will be able to scale the project from 5 to 22 schools and implement transformations in new areas of the country. These are 17 hub educational institutions that will be improved according to the strategic plan of the Fund.

Our goal is to cover all 166 districts of the country by 2026. We are open for cooperation with strategic partners and sponsors. In our work we adhere to the concept of sustainable development and the principles of consistency and transparency »

## Xeniya Verba

Head of the Aitas Foundation, co-founder of Fund for Sustainable Development of Education





# DEVELOPMENT OF THE POTENTIAL OF HUB SCHOOLS IN RURAL AREAS

## PROJECT GEOGRAPHY



1. Almaty region, Turar Ryskulov Secondary School
2. Atyrau region, Secondary School in Safonovka village
3. Abai region, Municipal Multidisciplinary Kazakh Gymnasium School
4. Akmola region, Dossov Secondary School
5. Aktobe region, Bestamak Secondary School
6. Zhetysu region, Ye. Sikymov Secondary School
7. Kostanay region, Uritsk Secondary School No. 1
8. Zhambyl region, B. Adambayev Hub Secondary School
9. East Kazakhstan region, Markakol Secondary School No. 1
10. Turkestan region, O. Zhanibekov General Secondary Boarding School No. 4
11. Pavlodar region, Irtysh Secondary School No. 4
12. K. Baiseitova Karaganda Hub School
13. North Kazakhstan region, Kishkenekol Secondary School No. 2
14. Mangystau region, Kuiken Secondary School
15. West Kazakhstan region, Secondary School No. 5 of Aksai city
16. Kyzylorda region, Secondary School No. 82 on Aral region
17. Ulytau region, Hub School on the basis of Ulpau General Secondary School No. 1

# DEVELOPMENT OF THE POTENTIAL OF HUB SCHOOLS IN RURAL AREAS

## BRIEF PROJECT FIGURES

**₸ 4,25 BILLION**

were allocated by Kazakhstan Khalkyna  
fund for equipping classrooms

**17**

schools participate in the first  
stage of the project

**13 000**

students are trained in rural  
hub schools covered  
in the first stage of the project

**₸ 250 BILLION**

the average amount of equipment per  
school within the framework of the project

**602**

classrooms are equipped  
within the framework of the project

**1582**

teachers give lessons in 17 participating  
schools of the project

# DEVELOPMENT OF THE POTENTIAL OF HUB SCHOOLS IN RURAL AREAS

## EDUCATIONAL ACTIVITIES WITHIN THE PROJECT

### Professional development of teachers



614 lessons  
197 master classes  
76 workshops  
193 seminars  
17 round tables

### Professional Development of School Directors

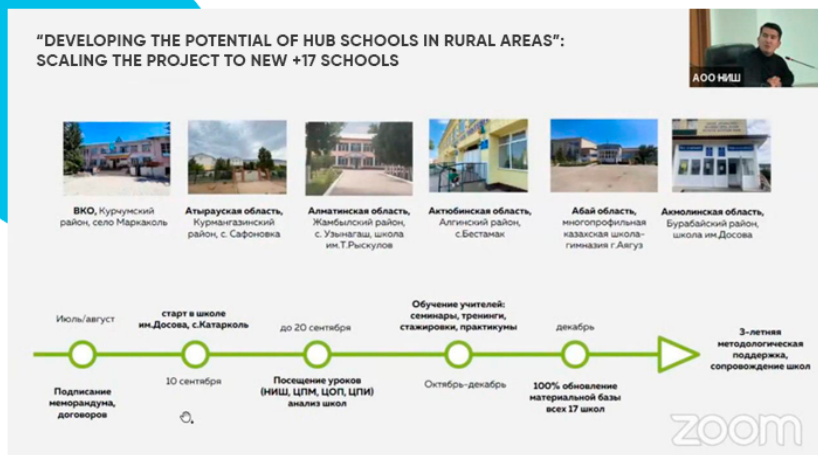


28 master classes  
18 workshops  
45 seminars  
10 roundtable discussions were held within the project



# DEVELOPMENT OF THE POTENTIAL OF HUB SCHOOLS IN RURAL AREAS

## PROJECT LAUNCH: PRESENTATION AT THE TRADITIONAL AUGUST CONFERENCE



"AUGUST CONFERENCE" - the so-called traditional meeting of teachers - has been held in an online format. On the example of real cases, together with the heads and teachers of secondary schools, the issues of improving the practice of teaching and school management were widely discussed.

On August 15, an August meeting has been held for schools participating in the projects of the Fund for Sustainable Development of Education. Daniyar Toktarbayev spoke about the project "Development of the Potential of Hub Schools in Rural Areas".

# DEVELOPMENT OF THE POTENTIAL OF HUB SCHOOLS IN RURAL AREAS

## PRESENTATION OF THE FIRST SCHOOL

September 12, the first presentation of the preliminary results of the charity project "Development of the Potential of Hub Schools in Rural Areas" has been held at the Dossov Secondary School in Katarkol village of Akmola region. FSDE presented the updated classrooms to the public and during the year held similar presentations in 17 more participating schools of the project



# DEVELOPMENT OF THE POTENTIAL OF HUB SCHOOLS IN RURAL AREAS

HOW THE SCHOOL HAS CHANGED: PHOTOS "BEFORE" AND "AFTER"





## CHANGING THE EDUCATIONAL SPACE IN HUB SCHOOLS



## CHANGING THE EDUCATIONAL SPACE IN HUB SCHOOLS



U. Zhanibekov Boarding School No. 4 in Shaulder village of Turkestan region is one of the project participants

« **129 teachers are currently working at the school.**

**As part of the project, 81 teachers were trained and 55 did the internship at Nazarbayev Intellectual Schools.**

**There is hope that we will take advantage of this opportunity and raise an educated generation. »**

## Adilkhan Aripbekov

Director of Boarding School No. 4 in Shaulder village of Turkestan region





« Improving the skills of teachers has made lessons more interesting and more intense, and updated classrooms and new classrooms attract students. It has become much more interesting for them to go to school, now it is not only a place of study, but also a hobby center where they can develop their talents »

## Sabyrzhan Zhupargaliyev

Director of Kadyr Myrza Ali School in Safonovka village of Kurmangazy district of Atyrau region



## Fund for Sustainable Development of Education has completed the first stage of the project “DEVELOPMENT OF THE POTENTIAL OF HUB SCHOOLS IN RURAL AREAS”.

The project was highly appreciated by teachers, parents and education experts.

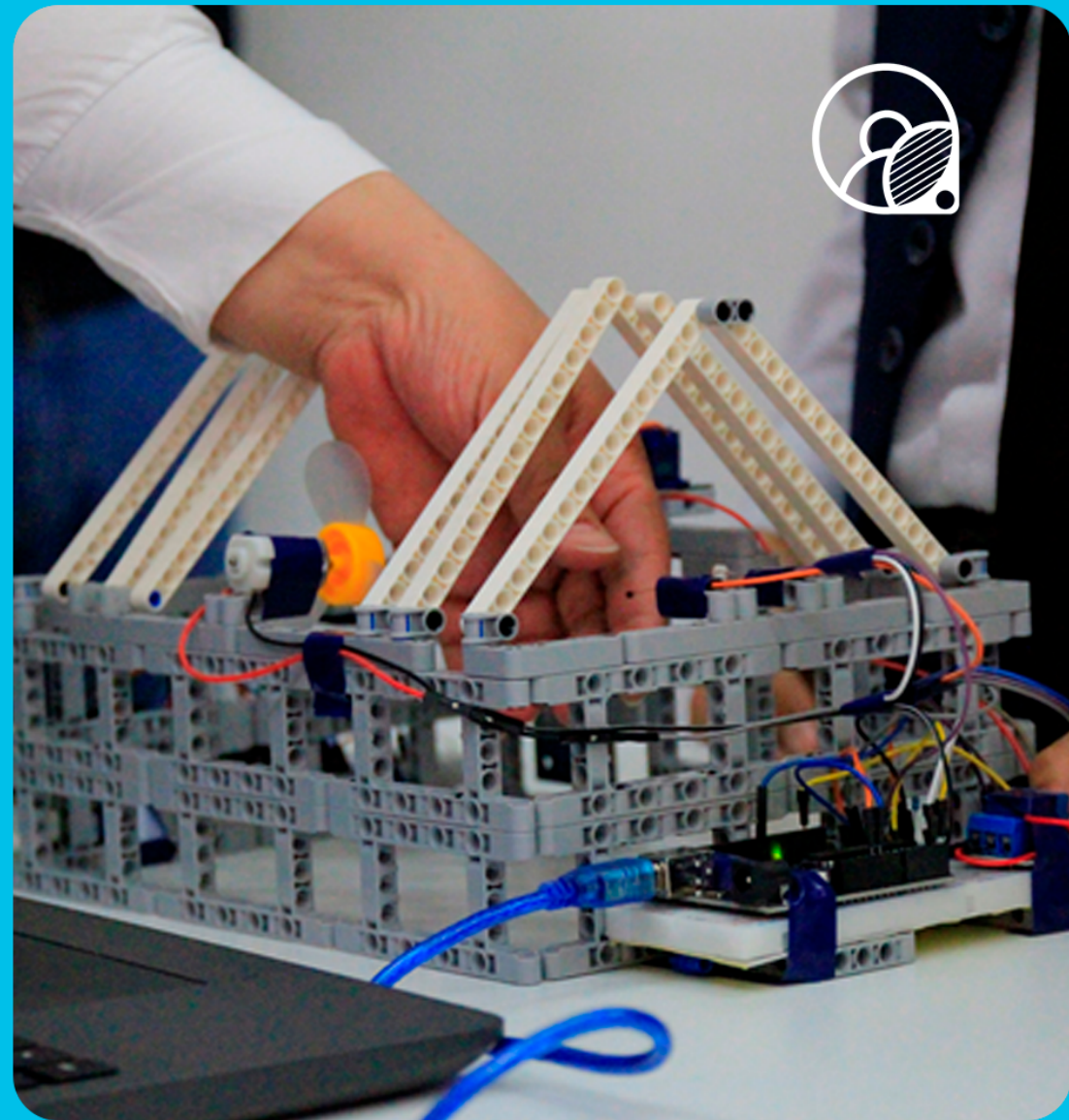
Based on results of the first year, Kazakhstan Khalkyna fund expressed interest in continuing the project and announced the allocation of KZT15.75 billion for the second stage of the project, which will cover **63 schools in 17 regions of Kazakhstan.**















« *The first stage of the project on hub schools developing in rural areas covered more than 13 thousand students. This means that 13 thousand children from villages study in schools, which sometimes are not inferior to elite urban educational institutions. This year, in the second stage, 63 schools, which are more than 45 thousand students and almost 80 thousand parents, will become participants in the Potential Development of Hub Schools in Rural Areas project. Our project is gaining national status. This means that our responsibility to the people and society has increased significantly. And we are confident that the project will significantly reduce the gap in the level of education between urban and rural schools* »

**Daniyar Toktarbayev**

Director of the Fund for Sustainable Development of Education





« At one time, when we jointly launched a project to renovate five rural schools, I did not expect that our initiative would cover the whole republic, I saw the potential of the program, and I believe that our initiative is becoming a big project at the country level. The purpose of our holding is to serve the people of Kazakhstan, the mission is the sustainable development of rural areas. Therefore, improving the quality of education in the village fully corresponds to the worldview of our business »

## Serik Tolukpayev

Founder of AITAS Holding



**XIII International Scientific  
and Practical Conference  
of NIS AEO**



**Fund for Sustainable Development of Education supported the XIII International Scientific and Practical Conference of NIS AEO: "Teach, Educate, Love: the Year of Children in Kazakhstan".**

The event discussed research on the quality of education, the creation of a safe and comfortable educational environment for children; leading Kazakhstani and international education experts have taken floor.

The conference hosted participants from almost 20 countries of the world.

One of the most popular sections of the Conference were special sections aimed at involving teachers and students in the educational environment through new media, interactive panels and modern teaching methods.

The conference was also attended by principals and teachers from 22 participating schools of the project "Rural School Powered by NIS".

CEO of NIS AEO Kulyash Shamshidinova



« At AITAS Holding, management is based on our values, on purpose and mission. We see serving the people of Kazakhstan as our mission, and the sustainable development of the country through the development of rural areas as our mission. That is why we have organized funds that act as a platform for synergy, for collaboration of the best solutions in rural areas, including in educational programs. The Holding has repeatedly supported educational events, we also sponsor the EdCrunch conference and this year supported the NIS conference as a project of our general partners in the “Rural School Powered by NIS” program »

## Xeniya Verba

Head of Aitas Foundation



# **EdCrunch Reload 2022**



Fund for Sustainable Development of Education took part in the EdCrunch conference dedicated to education and new technologies. The main theme this year was the fusion of mind and technology. The speakers combined knowledge about neuroscience and digital innovations, showing how it is possible to transform learning, raise the level of student engagement and remove formal approaches.

The founder of AITAS Holding, Serik Tolukpayev, spoke at the interactive session “Mind Games” and at a panel session dedicated to discussing the impact of school education on life success. In his speech, he noted that the education of the future will be based on three components.

This is creativity, mathematics and ethics. The combination of these three tools can have a positive impact on the future of education.

**EdCrunch is the largest conference on new technologies in education, which has been held since 2014.**

The organizers of EdCrunch Reload are Akimat of Almaty, AITAS Holding, ERG mektepke initiative, Ed-Crunch Academy Institute for the Development of Modern Education and Amansultan educational platform.





EdCrunch is Europe's largest conference on new technologies in education, which has been held since 2014.

#### **EDCRUNCH GOAL**

Motivate and help to learn new things throughout your life in order to keep your mind alive and remain in demand in the profession.

Experts from all over the world take floor at the conference every year. Each of them has its own important role, but all of them – teachers and politicians, researchers and developers - complement each other and work together to spread cutting-edge ideas among those who teach other people and look for ways to develop through the use of new technologies.

350 international speakers from 25 countries will hold 120 expert sessions, panel discussions and master classes for more than 5,000 spectators in Kazakhstan.

The issue of expanding opportunities for obtaining high-quality and affordable education with the active support of business was raised by experts of the international conference on technologies and hi-tech products in education EdCrunch Reload: Fusion of Mind and Technology. The conference has been held on November 23-24 in Almaty under the auspices of the Ministry of Science and Higher Education of the Republic of Kazakhstan. The event was co-organized and sponsored by AITAS Holding.











**EdCrunch is the largest conference on new technologies in education, which has been held since 2014.**





## DEAR READERS,

We have presented the first report on the activities of our Fund. In a short period of its activity, FSDE was able to form a stable portfolio of social projects in the field of education, which made it possible to modernize the material base and improve the qualifications of teachers in 22 schools of the country with coverage of more than 13 thousand students.

Today, these rural children have the opportunity to study in the best educational environment with access to the most modern educational technologies. Families of these children are not forced to move to cities in search of better opportunities for the development of their children. After all, this is how it should be - everyone should have equal access to education, regardless of their place of residence and social status.

We are glad that our reliable partners and sponsors support us today. With each stage, this circle expands and replenishes. This is a confirmation that each of us shares our mission and is ready to devote ourselves to serving the people of Kazakhstan. We thank all our friends, partners and sponsors.

**Daniyar Toktarbayev**

Director of the Fund for Sustainable Development of Education

**Thank you  
for your attention!**