

### Ensuring the Employment of Social Labor Resources and the Importance of Innovative Technologies in the Development of the Digital Economy

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#### ABSTRACT

*This article covers issues such as the role of digital technologies in the development of the digital economy in our country, increasing the efficiency of the products being produced, and expanding business sectors in order to ensure the employment of the social population. Improving the quality and efficiency of agricultural products is given as an example of Agroargimchak.*

#### INTRODUCTION.

About 300 laws and more than 4,000 decisions of the President of the Republic of Uzbekistan aimed at radical reform of all spheres of state and social life have been adopted during the past period on the development strategy of the new Uzbekistan for 2022-2026. done.

Also, systematic work was carried out to ensure human rights, strengthen the accountability and openness of state bodies, and increase the role of civil society institutions, mass media, and the political activity of population and public associations. In terms of reforming the national economy, measures were taken to liberalize foreign trade, tax and financial policy, support entrepreneurship and guarantee the inviolability of private property, organize deep processing of

agricultural products, and ensure rapid development of regions<sup>1</sup>. The 30th goal of the new development strategy of Uzbekistan for 2022-2026 is to increase the income of peasants and farmers by at least 2 times through the intensive development of agriculture on a scientific basis, to bring the annual growth of agriculture to at least 5%. According to the Decree on

President Shavkat Mirziyoyev's Address to the Oliy Majlis declared 2020 as the "Year of Science, Enlightenment and Digital Economy Development". This Petition can be evaluated not only as a guide and reference for the current year, but also as a program, a document of fundamental importance, which determines the path of development of Uzbekistan for the near and medium term.

It is difficult to imagine the development of society and country without knowledge and enlightenment. Yusuf Khos Hajib in his work "Kutadgu Bilik" said, "A person without knowledge is a tree without fruit, what should a hungry person do with a tree without fruit?!", showing the importance of knowledge. Special emphasis on science and education by the head of our state and putting the issue of digital economy development on the agenda is an important step towards building an economically-socially, politically strong, democratic state in which the laws of the market economy are fully applicable.

It should be noted that the Decree of the President of February 19, 2018 "On measures to further improve the field of information technologies and communications" became the basis for the development and implementation of important measures for the development of the digital economy by our Government. During the meeting held by the President of the Republic of Uzbekistan Sh. Mirziyoyev on January 31, 2020 with the heads of research institutions, scientists, young researchers and representatives of the production sector, the most important tasks in the field of science were defined. Declaring 2020 as the "Year of Science, Enlightenment and Digital Economy Development" in our country also aims to implement the priority tasks in this regard.

## **II. ANALYSIS OF THE LITERATURE ON THE SUBJECT.**

The concept of digital economy was defined relatively recently, in 1995 by Nicholas Negroponte, an American scientist from the University of Massachusetts. The scientist mentioned what changes may occur during the transition from the old economy to the new economy after the intensive development of information and communication technologies.

The digital economy is an economic activity in which the main factor in production and service is information in the form of numbers, with the help of processing a large amount of information and analyzing the result of this processing. is to implement more effective solutions than the previous system in production, service, technologies, devices, storage, product delivery. In other words, the digital economy is an activity connected with the development of digital computer technologies in the provision of online services, electronic payments, internet sales, crowdfunding and other types of industries. Overcoming the negative results observed in the development of agriculture in recent years , increasing production efficiency, effective use of resources, processing of manufactured products without destruction, bringing them to the market in the form of finished products, and the implementation of deep structural changes in the agricultural sector are of great importance for the economy of our republic.

In the context of growing world population and increasing competition in the market of agricultural products, the rational organization of agricultural products storage and the quality delivery of products stored in refrigerators, especially fruits and vegetables, potatoes and rice products to consumers are becoming an urgent issue. . According to the Food and Agriculture Organization of the United Nations, about 1.3 billion about 1.0 trillion tons. dollar food products

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<sup>1</sup> <https://lex.uz/uz/docs/-5841063>

are enriched in this way<sup>2</sup>.

During the years of independence, special attention was paid to the effective development of agricultural products storage and sales services based on modern requirements, stable provision of the domestic consumer market in the winter-spring season, and expansion of the sector's export potential. The programmatic measures implemented in this regard today are "to continuously provide the population with basic types of agricultural products without allowing a seasonal sharp increase in prices throughout the year, and to expand the export of these products, to maintain price stability makes it possible". It should be noted that the export of products such as fruits and vegetables, potatoes and potato products has been launched in our country, and significant results have been achieved in this direction. As noted at the international conference on "Important resources for the implementation of the food program in Uzbekistan" held on June 7, 2014 in Tashkent: we are exporting food, primarily fruit and vegetable products. In the last three years, the volume of exported agricultural products has increased more than 3 times.

### III. RESEARCH METHODOLOGY.

Dialectical and systematic approach to the study of economic systems and ratios, comprehensive assessment, comparative and comparative analysis, statistical and dynamic approach and econometric analysis to determine the mechanisms of systematic perspective and monitoring of the parameters of the development of the labor market infrastructure by regions in the research process methods were used.

### IV. ANALYSIS AND RESULTS.

In order for Uzbekistan to become one of the advanced countries, it is necessary to build the infrastructure of production, especially agricultural production, on the basis of modern industry, and form the processing industry. It is becoming clear that industrialized labor in the countryside is an important condition for the social and political development of the village, not to be tied only to agriculture, new views on the spheres of work and the solution of social problems of the countryside are being formed.

Today, the low level of labor productivity in agriculture has a negative impact on social development. Market relations also affect the process of migration between cities and villages, because the underdevelopment of the service sector in the countryside can cause many people, especially young people, to come to the city in search of work or to work. In the field of employment, the city has a certain advantage, more opportunities.

In rural areas, today's market relations are changing to a new economy, on the one hand, it leads to a reduction in the number of jobs, and on the other hand (change in the form of ownership, including the transformation into a joint-stock economy, reorganization, bankruptcy) establishment of labor networks and services is becoming the most urgent task. Different forms of rural social service development can be created on different legal bases:

- specialization of inter-farm mutual service networks in a certain field;
- creation of individual service areas;
- Creation of service areas between certain entities based on mutual agreement between the city and the village creates additional opportunities for employment.

This can be applied in the field of production and non-production areas - science, culture, health care. Joint use of existing opportunities, directing them to the field of human services will give

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<sup>2</sup> 9Dissertat.ru., <http://www.dissertat.com>., <http://www.dissertat.com>., [dlin.rsl.ru/Coaderview](http://dlin.rsl.ru/Coaderview)., <http://pscgspace/cgiav/org>., <http://setd.ohiolink.edu>., Как торговаться на восточном базаре. Авт. – сост. А.И.Брестский. М.: АСТ; Мн.: Харвест, 2006. – 96 с., Бухгалтерский учет в сфере услуг. Учебник. М.А.Вахрушина, Т.П.Карпова, А.М.Петров и др.- М.: Рид Групп, 2011. – 576 с., <http://setd.ohiolink.edu>., <http://www.dissertat.com>.

the expected socio-political result.

The analysis of new workplaces according to the form of ownership, sectors and financial sources shows that the priority in their creation is given to the contribution of small and medium businesses, self-employed workers and farmers, and they it is being organized mainly at the expense of the population's funds and loans. But their activity is dominated by trade mediation. Of course, this is due to the fact that young people cannot get a job due to their lack of experience and qualifications. The lack of funds (in rural areas), the lack of importance of some professions, the large number of job cuts, the lack of initial start-up capital and skills to create the necessary opportunities are obstacles to starting such work.

Organization and management of labor in agricultural enterprises in the conditions of economic modernization. In the organization of work in enterprises, it is necessary to entrust the most important work to qualified specialists, second-level tasks to highly qualified employees, to select the most talented among the employees of the enterprise and prepare them for new activities that will be implemented in the future. It is necessary to allocate work areas to the workers, taking into account the nature of their activities and abilities.

Small enterprises are extremely comfortable in labor management, team members are well aware of each other's skill level, and the use of workers' labor to improve the production efficiency of the enterprise is a prerequisite. It is necessary to give a task to the worker and, in turn, to accept the completed work from him, and to pay accordingly<sup>3</sup>.

In the conditions of the market economy, enterprises have a wide range of opportunities to control the labor team and increase the productivity of their work with the help of technology. Also, based on the market demand, new specialties are created, while the demand for old specialties decreases due to their moral backwardness, the development of modern equipment and technology mobilizes workers from production enterprises in every way to occupy new fields.

Management of enterprises has its own important features, in fact, putting those who have the ability to organize production, who can mobilize to work on the basis of high labor productivity, to the leadership position in the enterprise gives good results. To properly organize the labor process in these enterprises, first of all, it is necessary to know how much labor is required for the normal operation of the enterprise. For this purpose, it is necessary to determine the amount of work that each worker spends on this or that job. This in itself requires increasing attention to the development of production in enterprises, as well as to the establishment of labor standards for employees.

Application of modern methods of labor, analysis of the production process and its distribution by elements, execution of technological processes, establishment of norms for the introduction of new projects into production, working conditions, provision of workplaces, work regime, rest High labor productivity is achieved in an enterprise with increased attention.

In order to further increase the efficiency of production in agriculture and to popularize digital technologies in agriculture, and as a result, to expand the social population to start their own business and entrepreneurship, it is possible to recommend the Agroargimchog device.

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<sup>3</sup> Qishloq xo'jalik mahsulotlarini saqlash va qayta ishlash texnologiyasi: Darslik.- T.: Mehnat, 1991. – 296 b.

**Table 1 We can aim for the following goals from the use of agroagimchak in agriculture.**

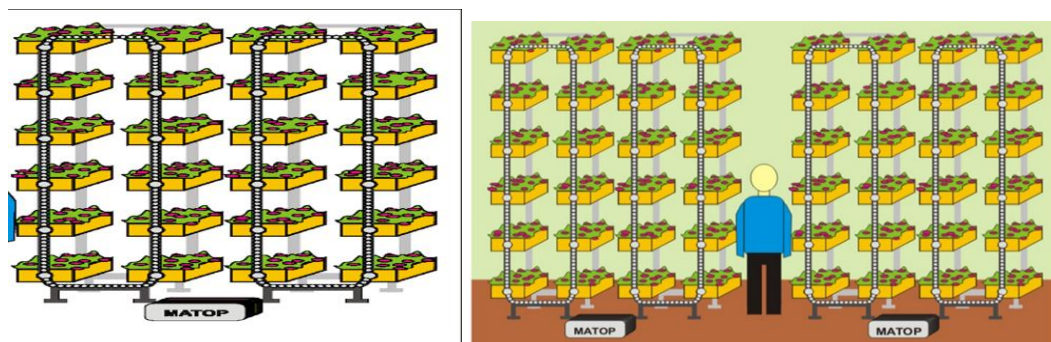


We know that today we are facing some problems in agriculture, despite many modern technologies and many political reforms. As an example, we can cite the following:

- The first is the shortcomings in land area optimization.
- Second - some farms do not have enough working capital, necessary equipment and other material and technical resources. This has a negative impact on the productivity of agricultural crops, the fulfillment of contractual obligations and the profitability of farms.
- Third - the desire, experience and conditions of the population in the care of a certain type of crop, poultry or livestock are not taken into account;
- Fourth - the system of placing crops, taking into account the soil and climate conditions, providing the necessary seeds, fertilizers, and plant protection means has not been worked out effectively.

As one of the solutions to overcome such problems, we can mention agro-farming. The creation of this device does not require any foreign technologies. It can be created locally, and in addition, this device can be established in areas with low productivity and no productivity at all. As a result, we will have the opportunity to grow agricultural products even in areas with low productivity.

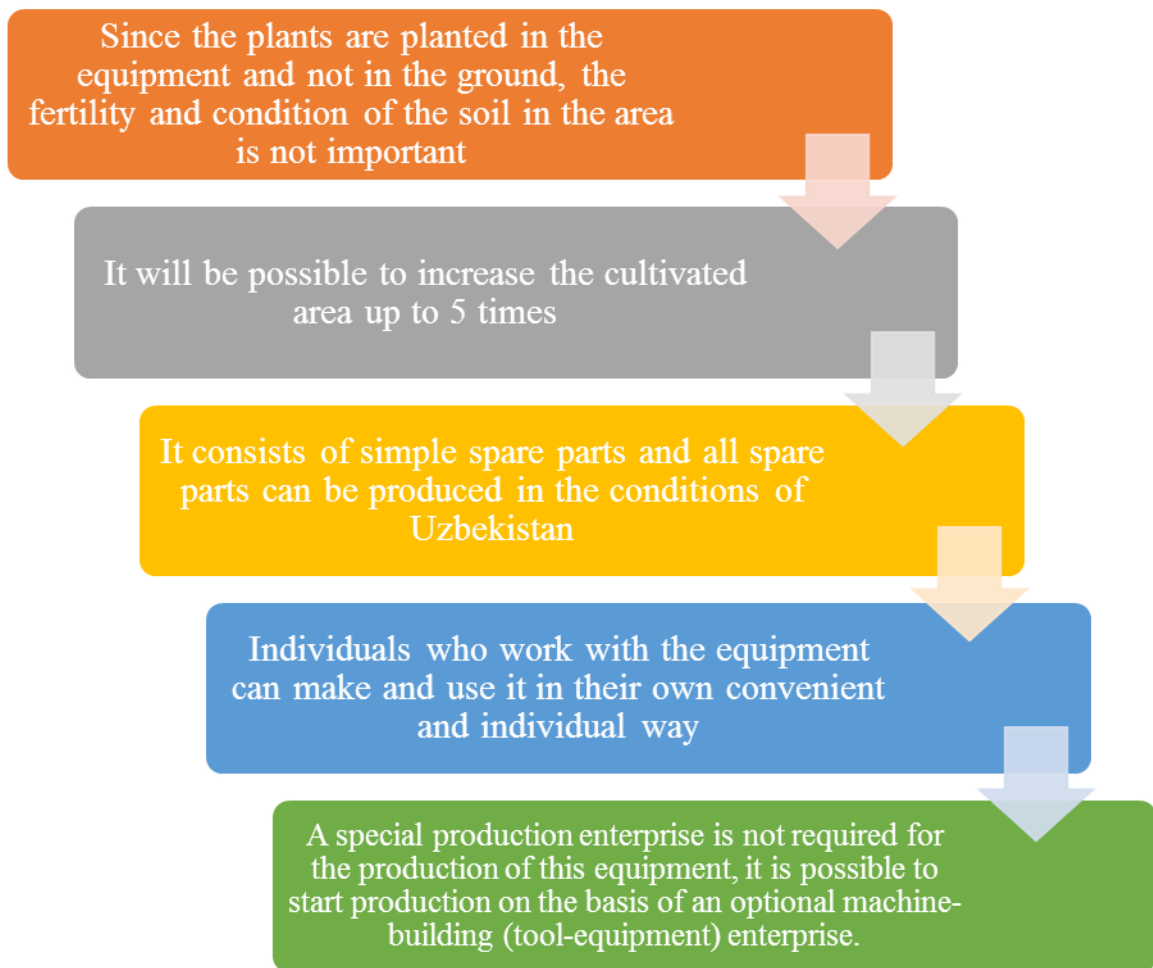
**Figure 1 "AGROARGIMCHAK" equipment**





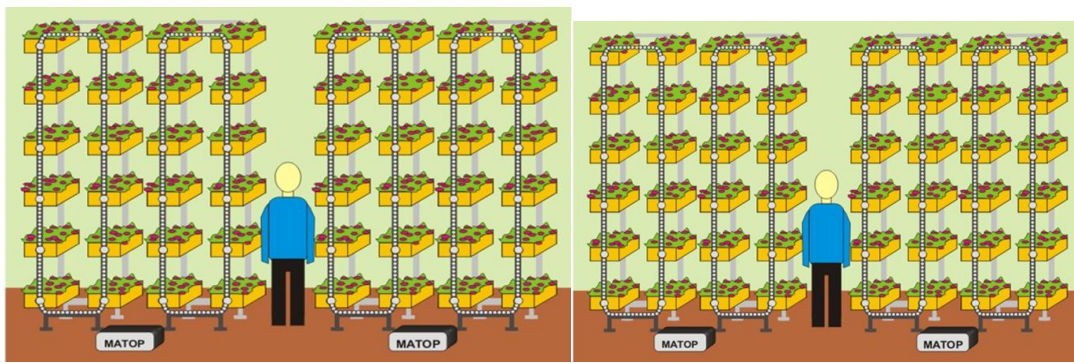
The operation duration of this equipment is 40 seconds, and one cycle is 15 minutes. During one day it is 40 minutes. This equipment is driven by a motor structure and does not require a lot of electricity, that is, it can be started by electric motors.

**Table 2 Priority of "AGROARGIMCHAK" equipment**



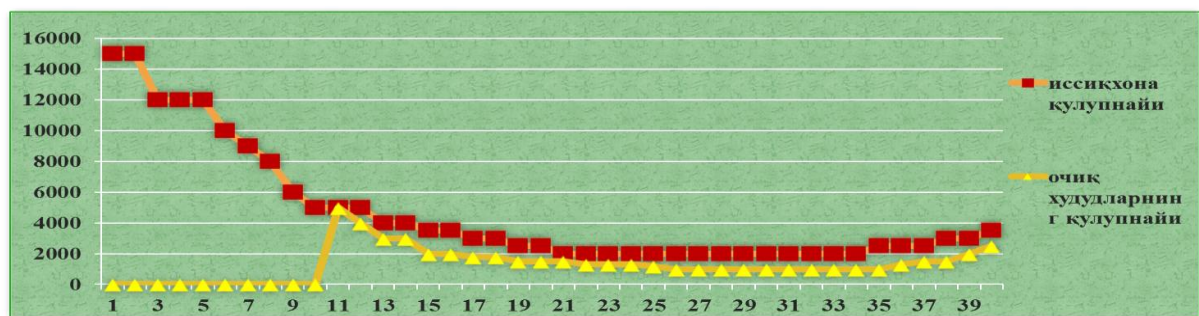
**Table 3 Economic efficiency of "AGROARGIMCHAK" equipment**

Greenhouse area (sq.m.)	400	800	1600
Quantity of "Agroargimchak" equipment (pieces)	100	210	430
Additional cultivated areas (%)	370	390	400
Total cultivated area (sq.m.)	1880	3920	8000



As an example, if we consider the Agroargimchak device as an example of strawberry cultivation, we should emphasize the following. We know that in many regions of our country, large-scale work is being carried out in the cultivation and export of citrus fruits and local fruits. The financial volume of strawberries in the world market is 36 billion US dollars, and the number of large strawberry exporters in the world market is more than 40. It can be seen that the demand for strawberries is high. But at the same time, we must say that we can witness that the annual price of strawberries increases by 35-50% every year after cultivation. This can have a negative impact on the purchasing power of the social population. By expanding the use of the Agroargimchok device to overcome this problem, we can increase the production efficiency of this fruit and reduce its local price.

**Table 4 "AGROARGIMCHAK" equipment as an example of strawberry cultivation**



## V. CONCLUSIONS AND SUGGESTIONS.

With this device, you can grow not only strawberries, but also tomatoes, garlic, onions, cabbage, onions, turnips, turf, carrots, mushrooms, citrus fruits, and various decorative flowers.

We can cite the following in connection with the conclusion and proposal:

- The proposed equipment has no analogues in the national market, which means that there is a high possibility of completely occupying the market;
- Through special selections, it is possible to place crops not in 6 rows, but much more, which gives an opportunity to further increase productivity;
- We considered the effectiveness of the "Agroargimchak" equipment only in the cultivation of strawberries, and the range of application of the equipment is very wide, starting from the field of floriculture, it is possible to effectively grow many other food products, including garlic and onions. , cabbage, onion, turnip, radish, carrot and many other products;
- By organizing this device, we can create new jobs for the social population;
- We can improve the quality of our products grown in the equipment and reach the level of standard demand of the world market;

Today, only 60% of the world's food needs are met. As a result, 1 bln. 200,000 people suffered

from lack of food, if this situation continues, in the next 20-30 years, the food problem will become very acute for mankind, because the population is 10 billion. reaches , and the useful land area has not changed.

Therefore, in order to solve the food problem in the future, as a result of the special design of Agroargimchak, it will be necessary to grow not only rice, vegetables, cotton, wheat and even fruit trees on this equipment.

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