

DEVELOPMENT OF ARCHITECTURE IN UZBEKISTAN

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Abstract. The article describes the most important results of the development of architecture and the construction industry of the national economy in the years of independence and prospective directions for 2016-2030.

Keywords: New Uzbekistan, construction-contract organization, architecture, development, modern city

INTRODUCTION

It's no secret that in recent years special attention has been paid to the development of the construction industry, like all other industries. As a result of the decrees and decisions of the government and the head of state aimed at further improving the system, the adopted state programs, ensuring their implementation, and the measures being taken to improve the effectiveness of reforms in the network, the scope of creativity is expanding. However, the beginning of a new era in the field of construction, identification, recognition and disclosure of problems in the system, and especially their solution, have not been easy.

In 2017-2019 and until this day in 2020, a total of about 40 laws, decrees and decisions were adopted regulating the construction industry: 4 in 2017, 13 in 2018, 10 in 2019, and more than 10 by this day in 2020. These decisions and decrees focused on the fundamental reform of the problems that have persisted in the system for years. In particular, on May 1, 2017, the decision of the President of the Republic of Uzbekistan No. PD-2936 "On measures to organize the activities of the State Architecture and Construction Committee of the Republic of Uzbekistan" was adopted. According to him, the structural structure of the State Architecture and Construction Committee was fundamentally changed and new tasks were assigned.

The regional divisions of the committee were expanded with additional state units. As a result, branches of "O'zshaharsozlik" and "Toshkentboshplan" project institute were opened in 11 regions, as well as 26 leading project organizations in 13 regions. Tashkent and Samarkand architectural and construction institutes and 14 construction vocational colleges were transferred to the committee. However, due to the fact that most of the normative documents related to the field, including urban planning rules and construction standards, are outdated and left over from the era of the former regime, it remains urgent to adapt these standards to modern requirements.

The development of master plans of cities and architecture-planning projects in villages did not fully meet the demand. In addition, the quality of personnel training in construction and design did not meet the requirements. In particular, about 500 vacant positions in the system, including 110 positions in district (city) architecture and construction departments, and about 200 positions in project organizations remain vacant. Professional construction-contracting organizations with all-round



potential were not formed, their existing material and technical base, financial resources were unable to fully cover the ever-increasing volume of construction works. In a word, the confidence expressed in the Committee was not justified. The decree of the head of state was adopted in order to eliminate these problems and delays that have been accumulated over the years.

O According to the decree of the President of the Republic of Uzbekistan dated April 2, 2018 "On measures to fundamentally improve the state management system in the field of construction" No. PD-5392, the Ministry of Construction of Uzbekistan was established on the basis of the State Architecture and Construction Committee. At the same time, on this date, Decision No. PD-3646 "On effective organization of the Ministry of Construction of the Republic of Uzbekistan" was adopted. With this document, the establishment of the state unitary enterprise "Urban Development Documents Expertise" was determined.

According to it, to ensure the organization and conduct of expertise of urban planning documents in the prescribed manner, to increase the level of architecture-planning and urban planning solutions, to improve project work and construction production, to study and popularize best practices in the field of design and construction. These two normative documents became the basis for moving to a new stage in the system. As a result, by 2019, out of 35 urban planning documents in the plan, 18 master plans and 10 projects of architectural-planning organization of the territories of citizens' assemblies of villages (villages) were developed. As a result, 113 cities (95 percent) and 142 urban settlements (13.1 percent) in the republic will have master plans.

In particular, the overall growth of construction works in the Republic reached 119% by the end of 2019 and amounted to 68.9 trillion soums. This means a 2-fold increase compared to 2017. By 2020, the volume of construction works reached 71.8 trillion soums in 9 months. As a result, by the end of 2019, the volume of construction commissioned in the Republic was 15.5 million square meters. For 2017 and 2018, this figure was 11.5, 13.4, and 15.5 million square meters, respectively. This year, more than 12,000 low-cost multi-storey dwellings are being built in the villages and 18,000 in the cities. Construction of a total of 298 multi-storey houses (private sector) by entrepreneurs at the expense of bank loans and their own funds under the programs of providing affordable housing to the population has gained momentum.

The number of enterprises and organizations operating in the construction sector (in the Republic) is also growing rapidly. As of January 1, 2017, there were 22 thousand, and by 2020, the number of such organizations will increase by 1.8 times to 40.3 thousand. In accordance with the tasks defined in the state program "Prosperous village" and "Prosperous neighborhood", master plan schemes and detailed planning projects of 478 villages in 159 districts, as well as master plan schemes and detailed planning projects of 116 neighborhoods in 41 cities were developed. Information and communication technologies entered the construction industry and the "Transparent construction" information system was launched, as a result:

- the Center for the development of information technologies in the field of construction was established;
- geoinformation system "State urban development cadaster of the Republic of Uzbekistan" was introduced, which allows legal and physical entities to use it widely;
- systematic control of construction and assembly works was established, precise mechanisms of control at all stages of construction and an electronic online system for keeping executive documents were created;
- a system of step-by-step implementation of the examination of urban planning documents through the exchange of electronic documents was introduced;



- organizations in the ministry system were provided with modern computer equipment and software products.

In order to improve the activity of construction-contracting organizations and to increase the quality of construction works:

- rating of construction-contracting organizations' activity evaluation was introduced;
- a single electronic database of information on the specialization of organizations, types of construction and assembly works, the number of permanent employees, and the main means of production was introduced;
- short-term training courses on retraining and vocational training of workers of construction and contracting organizations, issuing certificates on having acquired a profession are planned.

Rapidly growing social facilities, high-rise residential buildings and, in general, all kinds of construction work, in turn, increase the demand for quality construction products. Therefore, systematic work has been carried out in order to properly implement work in this direction, to produce new types of energy-efficient building materials, to implement large-scale projects by attracting investors to the industry, and to support entrepreneurs. As a result, serious changes are taking place in the industry. In the decision of the President of February 2, 2019 "On the measures of radical improvement and comprehensive development of the construction materials industry" in 2019-2021, the total cost is 1.3 billion, including direct at the expense of foreign investments, the task of implementing 67 investment projects for the technical and technological renewal of existing enterprises and the establishment of new enterprises in the amount of 692 million US dollars was set.

The implementation of these and other projects will increase the capacity of cement production to 17 million tons by 2021, architectural glass to 32 million square meters, wood-chipboard (DSP) to 380 thousand, aerated concrete blocks to 700, many allows to deliver large-panel reinforced concrete products for the construction of multi-storey buildings - 180 thousand square meters. The decision of the head of our state dated May 23, 2019 "On additional measures for the rapid development of the construction materials industry" defined the prospects and strategy of the industry for the near future.

Its main goal is to create favorable conditions for the rapid development and diversification of the industry, to attract investments in the processing of local mineral raw materials, and to increase the volume of export of construction materials. As a result of the solution of these tasks, until 2025, the production volume of paperboards will increase by more than 47 times, assembled parquet panels and slabs by 19 times, boards made of wood and other wood-based materials by 15 times, aerated concrete blocks It is planned to increase by 7 times, architectural-construction glass made on the basis of varnish and paint materials and energy and heat-saving float technology, by 4 times, composite reinforcement made of basalt by 3 times, and cement by 2 times.

The ongoing works and investments are increasing the export potential of the sector by improving the quality of products. We export products such as ceramic tiles, sanitary ware, sandpaper, dry building mixes, baked bricks, decorative tiles made of natural stone, mortar, polypropylene pipes, window glass, fittings.

In conclusion, it should be said that many reforms are being implemented in the Republic of Uzbekistan today mainly in the field of architecture and construction. The fact that the constructions that are being built on the basis of the contract with many countries facing the world, that is, the buildings that meet the world standards, are growing in our country, is a clear proof of the reforms that are being carried out today.



References

1. Mirziyoyev Sh. Xalqimizning roziligi bizning faoliyatimizga berilgan eng oliy bahodir. – T.: O'zbekiston, 2018.
2. Mirziyoyiv Sh. Yangi O'zbekistonda erkin va farovon yashaylik. – T.: O'zbekiston, 2020.
3. Inomovich, A. N. (2021). Principles of Reconstruction and Formation of Residential Buildings Typical of Historical City Centers. *European journal of innovation in nonformal education*, 1(2), 29-40.
4. Inomovich, A. N. (2021). CHARACTERISTICS OF HISTORICAL SAMARKAND CITY CENTERS. *International Journal of Discoveries and Innovations in Applied Sciences*, 1(5), 155-158.
5. Tolqinovich, O. J., & Ravshanovich, K. S. (2022). Principles of Formation of Architectural and Design Solutions of Modern Residential Buildings in Samarkand. *Pindus Journal of Culture, Literature, and ELT*, 2(1), 52-56.
6. Tolqinovich, O. J. (2022). IT Has Not Been Saved to US in Bukhara" Madrasah's Cure". *EUROPEAN JOURNAL OF BUSINESS STARTUPS AND OPEN SOCIETY*, 2(2), 9-13.
7. O'sarov, J. T. L. (2022). TURARJOY BINOLARINI QAYTA TIKLASH VA SHAKLLANTIRISH MUAMMOLARI. *Scientific progress*, 3(2), 96-101.
8. Tolqinovich, O. J. (2022). Architecture of Traditional Residential Buildings in Historical Cities of Uzbekistan. *EUROPEAN JOURNAL OF BUSINESS STARTUPS AND OPEN SOCIETY*, 2(1), 65-69.
9. Tolqinovich, O. J. (2022). Modern Residential Buildings in the Historical Part of Samarkand Formation of Modern Typology. *European Journal of Life Safety and Stability* (2660-9630), 13, 87-92.

