- conducting in-depth research of the problems and needs of communities
- determining the use of local funds

Undoubtedly, participatory budgeting increases the transparency of public finances, projects and investment plans are presented in open meetings and citizens gain more control over public resources.

It also helps to better allocate public resources and improve communication between city authorities, residents and the public sector. They begin to cooperate at every stage of the participation budget.

Thus, we must conclude that the proper implementation of the participatory budget may involve large groups of residents in the life of the city, in particular, those who have not previously been involved in public consultations. The participation budget can become a powerful tool that helps meet the needs of residents and has a positive impact on the assessment of local government actions.

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FORMATION OF THE PASSENGER ORIENTATION SYSTEM ON THE PLATFORMS OF RAILWAY STATIONS IN UKRAINE

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A passenger railway station is a visiting card for every tourist city. It is the station where passengers arrive and depart from different parts of the country, as well as neighboring states. Hence it is vitally important to solve such problems as: imperfection of reference and information support for passengers at railway stations in Ukraine; improving the quality of passenger service; elaborating the system of functional-temporal-spatial organization of passenger flows and reducing the impact of inconveniences for passengers on platforms. Solving these issues will significantly increase the tourist flow to any city in this country.

One of the measures to increase the volume of passenger traffic, and, as a result, to increase income from tourism is the perfection of services at railway stations, in particular, improving the system of orienting passengers on the platforms of railway stations in Ukraine. The practical experience of using the above-mentioned procedures in Western Europe and Asia has proven its effectiveness. The absence of adequate passenger orientation system increases

the stopping time of trains at stations, especially at intermediate stations, and reduces the station's capacity. The higher is the level of service, the more passengers will use the services of the railway, but it should be remembered that there must be a balance between the increase in the level of service and the number of services and the price of passenger transportation. Otherwise, passenger transportation will not be able to become profitable.

To improve the passenger orientation system at railway stations in Ukraine, it is proposed to implement an orientation system in the following stages: development of a sectorization system, provision of additional information of variable and constant type and development of additional functions for a mobile application [1-2].

An important stage in the improvement of passenger orientation systems on the platforms of railway stations is the substantiation of the proposed measures based on the use of mathematical modeling of the movement of passenger flows. Thus, a mathematical model based on an agent-based approach was applied to check the passenger warning information system [3]. For the working conditions of railway stations in Ukraine, a mathematical model of passenger traffic has been developed, which is based on fuzzy logic and multi-agent optimization methods. Crowd modeling studies can be used to mathematically model the movement of passengers. Taking into account the existing research, it is proposed to carry out mathematical modeling of passenger behavior on the platform of the Ukraine railway station. For searching effective measures to improve the level of service, it is necessary to analyze the experience of railways in Western Europe and Asia. For example, in Japan, in addition to hinged information stands, pictograms printed on platforms are common. In Germany, sectorization is used on railway station platforms (division of the platform area into sectors according to alphabetical order). A progressive and less costly measure for communicating all information to passengers is the use of mobile applications. An example is mobile application called: Transit Planner Norikae Annai, DB Bahnhof Live. [1-2]. The mobile application is a progressive method for orienting passengers at foreign stations.

Thus, the proposed measures are aimed to increase the tourist flow to the cities of Ukraine while reducing the cost of their transportation.

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