No one in the country keeps it in the dark: the most important task for us today is transition of the domestic economy from energy resources to an innovative development model. To trans, we need new transport infrastructure. The role of transport is constantly growing due to many reasons: a) an increase in the volume of goods and services; b) the growing demand for travel and leisure; c) the need to invest in transport infrastructure which will allow to solve various problems in transport; d) the need for an innovative orientation of development of rail transport, its key theoretical positions go beyond the railway industry, are of a general transport nature, which is especially important for railway transport, as well as the entire economy of our country, has long received, it seems, universal awareness and recognition. But practice shows that the path from awareness and recognition of the need for something to realization is often long and arduous.

To accelerate the pace of innovation in railway transport, of course, we need economic, institutional, organizational and managerial conditions. But the scientific justification as a paradigm of innovation-oriented development of the industry, and the directions of this development is very important. The monograph under review is devoted to solving this challenging task. It should be noted immediately that although the monograph is devoted to innovative development of rail transport, its key theoretical positions go beyond the railway industry, are of a general transport nature, which is especially important for railway transport, as well as the entire economy of our country, has long received, it seems, universal awareness and recognition. But practice shows that the path from awareness and recognition of the need for something to realization is often long and arduous.

The economic role of innovation in the long-term development of rail transport is crucial. The need for an innovative orientation of development of rail transport is closely related to the problems of development of a single transport system for integration of different modes of transport, transport science and education. It should be noted immediately that although the monograph is devoted to innovative development of rail transport, its key theoretical positions go beyond the railway industry, are of a general transport nature, which is especially important for railway transport, as well as the entire economy of our country, has long received, it seems, universal awareness and recognition. But practice shows that the path from awareness and recognition of the need for something to realization is often long and arduous.

In scientific work, the vector of innovative development is also not neglected, without which it is difficult to imagine transportation today—ecology and environmental friendliness. The transport at present is a significant impact on nature. The phrase «green transport» has already become firmly entrenched in the conceptual apparatus of both scientists and practitioners. The authors devoted the final paragraph of the monograph to this problem. In it, the latest inventions and innovative proposals that correspond to the «ecological imperative» are again not simply analyzed, but detailed. And here it is necessary to note the extremely high scientific conscientiousness of the authors who examined in detail the specific innovative technologies offered for introduction in the transport complex (supersonic car, flying car-transformer, futuristic train-plane project and many others). This will undoubtedly serve to improve the readers’ perception of the monograph, and will expand their range. But even here the authors do not confine themselves to an analysis of some spectacular innovations, but propose a clear classification of these innovations, assessing the possible impact of each of them on rail transport, and, therefore, do not deviate from the main subject of research. In scientific work, the vector of innovative development is also not neglected, without which it is difficult to imagine transportation today—ecology and environmental friendliness. The transport at present is a significant impact on nature. The phrase «green transport» has already become firmly entrenched in the conceptual apparatus of both scientists and practitioners. The authors devoted the final paragraph of the monograph to this problem. In it, the latest inventions and innovative proposals that correspond to the «ecological imperative» are again not simply analyzed, but detailed. 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