

MARKET ANALYSIS

The vacancy rate in the warehouse real estate market of the regions of Russia has reached a record low

Where to get land for Light Industrial?

Evgeniy Numerov

LOGISTICS SERVICE

Intralogistics FIRST helps to improve the business performance of Colibri

WAREHOUSE. INVENTORY MANAGEMENT

Optimal choice of location for the federal distribution Centre

A.B. Volochkov, K.S. Tolmachev

Annotation. The article provides a solution to the problem of finding the optimal location of a distribution center focused on processing FMCG flows from China. The search for a rational location for a distribution center was carried out using the method of minimizing transport and storage costs for various entry points of cargo flows into the territory of the Russian Federation through seaports and railway terminals.

Key words. Warehouse, distribution center, location DC choosing, SCM/SCP.

SUPPLY CHAIN MANAGEMENT

Current challenges in increasing resiliency in supply chains

O.N. Larin, M.V. Matosov

Annotation. The article considers the conceptual foundations for ensuring the fault tolerance of supply chains. The fault tolerance property is manifested in the prevention, resistance and absorption of the effects of adverse external factors and the subsequent restoration of the supply chain performance. Supply chain resiliency management should consider ESG factors and sustainability goals. It is recommended that due diligence, traceability and transparency be used to identify and address irregularities in supply chains. The effectiveness of the implementation of these recommendations in large-scale supply chains can be significantly improved through the use of digital twins of supply chains.

Key words. Supply Chain Resilience, Traceability, Transparency, Due Diligence, Supply Chain Digital Twin.

INFRASTRUCTURE

Overview of trends in the development of the charging infrastructure market for electric vehicles

D.V. Zavyalov

Annotation. The article provides an overview of indicators of the world market of electric vehicles, as well as the description of the motivating factors for the buyers of electric or hybrid vehicles. The development of public charging infrastructure is among the major factors influencing the consumption of electric vehicles. In the Russian Federation, the number of users of electric vehicles among private users is still relatively small and the market is still emerging. The article also describes several factors that influence the charging infrastructure location decisions.

Key words. Electric vehicles, charging infrastructure, green transportation, EV charging station.

Methodological aspects of the formation of a regional logistics infrastructure

P.V. Popov

Annotation. The article proposes a methodology for the formation of a regional logistics infrastructure. Defined the object of study at the macro- and micro-level, the basic principles of the formation of logistics infrastructure, as well as the proposed stages of finding the optimal location of transport and storage infrastructure.

Key words. Logistics infrastructure, methodology, principles of construction.

Review of the article by P.V. Popov «Methodological aspects of the formation of regional logistics infrastructure»

D.T. Novikov

PROBLEMS AND OPINIONS

Quantitative methods of analysis in modern tourism research

A.Yu. Alexandrova, V.E. Dombrovskaya

Annotation. The article discusses statistical and economic and mathematical methods used in domestic and foreign scientific research of the tourism sector. Examples of the most popular approaches were identified. A list of basic tasks is given, for the solution of which quantitative methods of analysis were used. A logical block diagram of conducting research in the field of tourism using a modern mathematical apparatus is proposed. Problems have been highlighted that create difficulties in connecting the broad scientific community to analytical and prognostic work in tourism.

Key words. Tourism, research method, quantitative indicators, modeling, forecasting, affordable information.

MANAGEMENT

Improving the operational efficiency of logistics business processes of an industrial enterprise based on process analytics

A.A. Hludnev

Annotation. In the situation of the dominant position in the import-export communication of railway transportation, the primary role is assigned to the work with the life cycle of rolling stock when cars are on the company's sidings. The process analytics algorithm described by the author of the article allows for express assessment of operations in the field of industrial logistics and the formation of economic justification of initiatives using infographics.

Key words. Digitalisation of logistics business processes, industrial logistics, process mining, operational efficiency of the business.

Warehouse logistics in modern economy

I.Yu. Apostolov

Annotation. The subject of the article is the transformation of the role and importance of logistics in modern international economic relations with an emphasis on the functionality of warehousing in modern supply chains. The transformation of warehouse logistics goals in integrated supply chains, changes in their geographical directions, methods and specifics of work in modern conditions based on the use of the Internet and computer technologies, as well as various approaches in the methodology for evaluating their effectiveness are investigated. The trends affecting

the strengthening of the role of logistics in the context of globalization are indicated. The reasons that led to an increase in the role of warehouses in the logistics chain are highlighted.

Key words. Economics, business, management, logistics, supply chains, types of warehouses, classification of warehouses, specialized warehouses, warehouse topology, stocks.