Preface

The **International Scientific Siberian Transport Forum** is the main platform for demonstrating the achievements of the national transport industry, discussing key aspects of all modes of transport and making decisions on the development of transport and logistics infrastructure and the road complex.

The key event was attended by representatives of the authorities, heads of companies operating in the field, and industry experts. Participation of foreign representatives in the field of transport technologies for various areas of economy and enterprises from Kazakhstan, Uzbekistan, Armenia, Kyrgyzstan, India, Turkey, etc. made the scientific event significant. We are very proud that prominent experts in theory and practice from different parts of the world were able to participate and exchange their experience and knowledge on the main platform in Novosibirsk under the patronage of the **Siberian Transport University**.

The Forum has become the leading platform for constructive dialogue between the leaders of the authorities, representatives of the business community, and experts and scientists. For Siberia, with its vast and hard-to-reach territories, transport accessibility issues are strategically important. There can be no progressive development of the economy without a modern road complex to improve the investment attractiveness of the regions. This determines the choice of venue for such a large-scale scientific event.

The goal of the Forum was the dynamic cooperation of representatives of the scientific community to form sustainable global connections in the field of transport and logistics.

The scientific research and practical developments in the transport field are important and ambitious, and the Forum was aimed at covering geographically the area in question from the north-east to the south-east.

Railway transport has historically ensured sustainable development of Siberia. The development of the economy of Siberian regions is impossible without the advanced development of railway transport and the transport complex as a whole, which increases the investment attractiveness of any region. At present, railway transport is a link between the economic centres of the Siberian region, which are hundreds of kilometres apart, and provides transport accessibility to remote settlements.

Global world is particularly interested in runways that meet the technical requirements of operating new types of aircraft, comparative data on current and incoming new types of machines, various issues of communication and air navigation in harsh climates, technical parallels and other modes of transport. Air transport is developing at an extraordinary speed. The coming years will bring more and more improvements in this field, expanding the scope of its application and improving the economics of work.

The Forum, with the coordinated work of the business community, public authorities and research organisations provided for better understanding the issues involved.

The introduction of new technologies, the formation of relevant projects, and the selection of effective funding instruments for them were the leading topics for discussion in the Forum.
The large number of various transport industry venues prepared by the Forum's organisers shows that participants from different countries are paying a great deal of attention to the pressing issues and prospects for transport development.

The Siberia Transport International Forum not only provided a broad discussion of transport complex development issues, but also helped to work out effective measures for overcoming existing problems and forging constructive business partnerships and fruitful cooperation.

The Forum worked out proposals for modernising transport industry and introducing innovative technologies, and there is no doubt that there is a need to use public-private partnership mechanisms to attract investment to the transport industry.

This year the thematic horizons of the Forum have expanded considerably. Particular attention was paid to:
- Logistics and Multimodal Transport
- Security & Safety
- Transport of Dangerous Goods
- Risk Management Framework
- Intelligent Transport Systems
- Industrial IoT, AI, and ML in Transportation
- Human Resources,
- Complex Transport Infrastructures, etc.

In view of the special thematic significance, the plenary part was enlarged with additional discussions on digitalisation and international cooperation and global transport and logistics companies. Representatives of state authorities and companies from Azerbaijan, China, India, Turkey, Uzbekistan, Armenia, Kazakhstan, Kyrgyzstan and other countries were invited to participate.

A series of government meetings and events on the development of the transport industry and transport and logistics complex took place. The exhibition program of the Forum provided an opportunity for the Russian and foreign representatives of transport manufacturing companies, logistic holdings, and transport safety enterprises to demonstrate their latest and most technologically-developed products, instruments and projects for modern transport industry.

We are confident that the discussions and meetings held within the Forum promoted a trusting dialogue between all stakeholders, helped develop mechanisms for joint implementation of investment projects and find new approaches to solving existing problems. The results of the Forum contribute to the economic development of regions, strengthen interregional and international ties, and establish constructive business partnerships in the interests of well-being and global development in general.

We would like to express deepest gratitude for the participants, sponsors, companies, and supporters for this significant and unforgettable scientific event which brought together more than 1500 specialists in transport sphere, and for the E3S Web of Conferences Journal for the possibility to share this scientific knowledge and publication of the best materials of the Forum.

**Organizing Committee**

**of the International Scientific Siberian Transport Forum**