A discussion on the topic «High-Speed Main Line Eurasia, Geopolitics and Technologies» was held in the framework of the forum «Transport of Russia 2017». It was attended by representatives of the expert and scientific community and machine-building and design organisations, as well as managers from Russian Railways.

Participants discussed the implementation of initiatives by Russia and China to create a high-speed Eurasia transport corridor at a time when the transport industry is undergoing digital transformation.

«Imagine the movement of freight and passengers from the border of China to the border of Europe in just one day, or from any city in China or South–East Asia to any city in Europe in two or three days. We have done a preliminary feasibility study of the project and concluded that the construction would take 8 years. Without a doubt, the creation of the high-speed network is a great technological challenge», said Alexander Misharin, First Deputy CEO of OJSC Russian Railways.

The total length of the Beijing—Moscow—Berlin line will be about 9,500 kilometres, including 6,700 km of newly constructed lines and 2,300 km across Russia.

By integrating the transport systems of the countries of Asia, Russia and the European Union, the largest high-speed network in the world will be created and have a total length of more than 50,000 km.

The participants of the discussion noted that the implementation of this global project is impossible without the use of modern information technologies and the principles of the «Digital Railway» concept.

During the event, the Russian–Chinese Scientific and Educational Centre for the development of rolling stock and the interaction between rolling stock and rail transport infrastructure was inaugurated.

The Centre has been established at the Russian University of Transport in jointly with the Chinese machine building corporation CRRC and leading scientific institutions involved in rail transport.

It has been set up in order to conduct joint research and training in the development of rolling stock for high-speed railways.

According to press release of the JSC Russian Railways and own information