

Forward-looking education as a tool of successful demographic policy

KEY CONCLUSIONS

Graduates of Russian universities are in demand

"Today, 4.3 million students attend Russian universities. Their studies are based on the programmes that were partially developed with the participation of industrial partners. It is wrong to say that we do not have trained specialists. The quality is high, as well as the demand," Marina Borovskaya, Deputy Minister of Science and Higher Education.

Cooperation with regional government and business is a factor of success for education

"The success of a region depends on the partnership with universities, as well as with regional companies," Marina Borovskaya, Deputy Minister of Science and Higher Education.

"The employers' say is essential. It is for them we are preparing a human resource. The university today is a place where young people shape their future. We can build up digital age competencies only in cooperation with business," Victoria Panova, Vice-Rector for International Relations, FEFU.

ISSUES

Education lags behind the technological development

"The main issue is the rapidly developing technologies and the education lagging behind," Igor Poletaev, TV presenter, NTV.

"For a digital economy to happen, we need an infinite number of engineers capable of programming in a distributed environment. We do not have such academic modules! Even though Russian speakers created three-quarters of companies in the block chain economy, there are not enough new specialists," Alexander Borodich, Founder, Universa Blockchain.

Young people are unaware of the Far East development prospects

"In 2016 we gathered students in Khabarovsk Territory to talk about their request for education. Young people are unaware of the Far East development prospects," Alexander Tyurchev, Head of the Russian Union of Youth Khabarovsk Regional Organization.

SOLUTIONS

Link education to the practice and needs of the new economy

“To maintain leadership, we need to approach the educational process differently: practitioners should do teaching, and teaching should be tied to real projects implemented in companies,” Alexander Borodich, Founder, Universa Blockchain.

“Two major oil and gas projects are being implemented on Sakhalin, and all the leaders of the global industry are present here. They implement unique projects. At that, there was no engineering education on the island. In 2011, we initiated a dialogue with the leadership of the region on founding a university to train engineering personnel. We established a Technical Oil and Gas Institute as part of Sakhalin State University,” Margarita Tsoy, Vice President, Exxon Neftegas Limited.

Human capital starts in childhood

“We need early childhood specialists. New methods allow us to socialise 4-5-year-old children and introduce them to the school on better grounds,” Marina Borovskaya, Deputy Minister of Science and Higher Education, Ministry of Science and Higher Education of the Russian Federation.

“Mass school education needs a qualitative breakthrough for the development of human capital,” Alena Markovich, President, Noviy Uchitel (New Teacher) Charitable Foundation.