

“YOUTH INTELLECTUAL CLUB” IS A WAY TO REALIZE THE TRIPLE HELIX IDEA IN RUSSIA

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ABSTRACT

The idea of a triple helix for Russia is very attractive, especially at this time, when the government wants to realize the “Knowledge” Economics. The “Knowledge” Economics is effective communication with proven scientific results and real business opportunities with the support of the municipalities and state laws. First, the State's efforts are aimed at young scientists for innovation and business. “Youth Intellectual Club” (YIC) was made to solve these problems. The objectives of the YIC put the active involvement of Fellows of the President of the Russian Federation with the participation of the President of the winners of the Russian Federation for young scientists and grant recipients of the President of the Russian Federation and members of other government programs, and the most promising representatives intellectual youth in the modernization of the Russian education system and economy through the creation of an effective peer-community, uniting the future intellectual elite of the Russian Federation for the development of science and industry of the country. YIC forms the reserve for the development of science, education and innovation at all levels creates an extensive network structure across the country develops in contact with municipalities and businesses information environment for interaction and exchanging of information between intellectual youth, business and public authority, creates and maintain bank of best ideas and initiatives of students and young scientists for modernization and innovative development of Russia. That will help to create and promote an attractive image of a scholar and teacher in the youth environment. YIC also holds conferences, forums, seminars for the formation of students and youth leadership and management skills to work effectively in the knowledge economy. Currently, under the auspices of YIC successfully held two All-Russian competition of innovative projects and ideas of young scientists. Developing an educational program of the club (holding schools, seminars, webinars, constant discussion of youth projects) and proposing many innovative youth projects for businesses are going to be planned. The club is interested in new partners in various areas of science and business and in integration into the European environment. One of the directions of development may be creation of the Youth Intellectual Club of the Baltic countries under the auspices of country's leaders. This Club will work closer with students and young researchers. It will form

the single control system of research and education programs. One of the major steps will be creation of international system of experts for scientific, educational and innovative activities for young people aimed at the problem formulated business communities of the Baltic region.

KEYWORDS

“Knowledge” Economics, “Youth Intellectual Club” (YIC), Triple Helix for Russia, youth, modernization, innovative development, education

1 INTRODUCTION

For a long time Russia has a smooth transition to the creation of a knowledge economy, which should mark a shift away from an economy based on the use of extracted mineral resources (especially oil and gas), and their subsequent sale. Therefore, in recent years there have been some trends in the formation of youth policy - namely, structuring work with young students (undergraduate and graduate). Because of this there are many special programs of state support of various projects, the support of some non-profit organizations. We can see increased attention to the work on such projects by the management of regions and regional business.

2 YOUTH INTELLECTUAL CLUB

The mission of the YIC is active involvement of Fellows of the President of the Russian Federation with the participation of the President of the winners of the Russian Federation for young scientists and grant recipients of the President of the Russian Federation and members of other government programs, and the most promising of the intellectual youth in the modernization of the Russian education system and economy through the creation of an effective peer-community uniting the future intellectual elite of the Russian Federation. Purpose - the promotion of an effective system of reproduction frames for modernization and innovation in Russia. Objectives of the club:

- Formation of a personnel reserve for the development of science, education and innovation.
 - Create an information environment for interaction and exchange of information between representatives of the intellectual youth.
 - Direct participation in the modernization of the Institute Fellows of the President.
 - Creating and maintaining the bank's best ideas and initiatives of students and young scientists for modernization and innovation in Russia.
 - Fostering and promoting an attractive image of the scientist and educator in youth.
 - Conferences, forums and workshops aimed at developing an active student leadership and management skills, to discuss key issues of modernization and innovative development of Russia.
- The club is actively cooperating with the reconstituted Council of young scientists and students' scientific societies in Russia - about 81 regions of Russia, is working with the National Information Management System "Young scientists in Russia." In 2010, the President of Russia took the patronage of the activities of the club.

3 UNITED ALL-RUSSIAN COMPETITION OF INNOVATIVE PROJECTS AND IDEAS OF SCIENTIFIC YOUTH.

Intellectual youth club became one of the first non-governmental organization which has been actively working with the winners of the competition for the scholarship of the President of Russia. All-Russia competition of innovative projects and ideas of young scientists was established for the presidential scholarship. The projects and ideas were attended by students and graduates of Russian universities - winners of grants of the President of Russia. These are young people who are studying for some excellent scores and actively manifest themselves in academic work, winning various professional contests and competitions i.e. have a high intellectual level. The competition attracted more than 600 graduate students and young scientists from universities and research centers in 47 regions of Russia. 62 authors of innovations of 29 subjects of the Russian Federation were invited to participate in the final round. The competition was organized by the Youth Club with the intellectual support of the training of personnel reserve "State Club» <http://www.gosclub.ru/> and conducted under the auspices of the Coordinating Council on Youth in scientific and educational spheres of the Council under the President of the Russian Federation for Science and Education, which members and experts formed the basis of the jury (Fig. 1).



Figure 1. Chairman of the Russian Union of Rectors, Academician Viktor Sadovnichy meeting with the leadership of the club.

The competition was held in several stages - regional, federal and all-Russian final stage. Various levels of government and business representatives involved at various stages during the organizing of the competition. Finalists attended a series of jury member's lectures on various aspects of the formation of a national innovation system, the development of the innovation center "Skolkovo", all-russian network of councils of young scientists and specialists, the role of

the Coordinating Council on Youth in the scientific and educational support for the modernization of the reproduction of the scientific and teachers, about the current creation of national technology platforms, about the International scientific Forum "Lomonosov" and possibilities of youth research network of the same name, on the development of innovative network of youth centers.

The first such center began to work on the basis of the technopark "Sistema-Sarov" in the Nizhny Novgorod region last year. Member of the Coordination Council Sergey Bondarenko shared an experience of its working. The competition ended with the awarding diplomas to the winners. Places of post-graduate students were distributed as follows: Andrew Medykov from the MSTU won with the project biogas plant with a device for mixing and heating of the catalytic substrate. 2 place left for the three participants: Alena Alyoshina from the St. Petersburg Polytechnic University, developed the technical proposals for the use of biomass in combined-cycle plants, Elena Klimashin from MSU, who devoted his project about synthesis of carbon exchanged hydroxyapatite to create resorbable biomaterials, and Sergey Sergeyev from MSU, who made the model for evaluating the effectiveness of different types of stem cell transplantation into the damaged retina. 3rd place, it was decided to award a large group of young researchers: John Yaremenko from the Institute of Organic Chemistry of N.D. Zelinsky for the project "Development of methods for the synthesis of organic peroxides and their conversion of innovative compounds to create anti-tumor and anti-parasitic drug of a new class," Olga Guseva, representing the Chelyabinsk State University with socially significant project "Positive and negative factors of the youth patriotism," Peter Tyurin-Kuzmin from Moscow State University for a project related to the identification of new regulatory mechanisms directed migration of fibroblasts, "habitué" events forum "Lomonosov", and the festival of science Vitaly Romanchuk from Ryazan University S.A. Esenin for the project "Program complex "Neurox", "Alexei Barasheva of Ural Federal University named after the first President of Russia Boris Yeltsin for the project" Innovative recycling of waste batteries, "Igor Eshtukovu of MarSTU for his proposed adaptive mill organic waste and Vitaly Grinchenko the Stavropol Agricultural University for development elektropulsive method for milking machine gentle action.

The club can be an important institution and a tool to support the modernization of talented young people in Russia, which should make an effective and efficient, according to the instructions of the President of the Russian Federation (Fig. 2), following the meeting of the State Council on April 22 last year. According to the initiators of the intellectual creation of the Youth Club, president of the Russian Union of Rectors academician of the Russian Academy of Sciences Victor Sadovnichy and Coordinating Council on Youth in Science and educational fields, without the involvement of talented, research-oriented young people addressing into the country's life to solve specific challenges, creating this system will be very difficult.

At the last meeting of the club all members decided to consider main activities of the Club for further work: the annual All-Russian competition of innovative projects and ideas of young scientists, a database of projects and ideas, participate in the modernization of approaches to the selection of a scholarship holders of the President of Russia and the development of the concept of a network of youth innovation centers , development and implementation of the educational project "Presidential scholarship holders - school and university", the meetings of the club, remote conferences and webinars on the following priority topics: "How to stop the development of drug abuse among young people?" "Healthy Living and Youth", "Environmental Education

and upbringing: the role of youth organizations”, " Russian education: humanitarian and education values, "Russian youth and space - how to bring the dream of the stars?". Part of the club is also expected to promote science programs, conducting campaigns aimed at preventing attempts to falsify the history, production and performance of intellectual



Figure 2. Website of the IYC.

Competitions, games, participate in the known programs, including international, development of the Triple Helix in the activities of the club as a non-governmental organization. The idea of creating an international network of youth clubs titled “INTERNATIONAL YOUTH INTELLECTUAL CLUB” under patronage of the intellectual leaders of the states seems to be very interesting. It would entail a more comprehensive policy at the international level, the cross-fertilization of research and educational programs in various countries, cooperation, firms and companies.