

New Initiatives for International Cooperation for Nuclear Education in Russia

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The paper describes the main elements of the new ambitious Federal program for leading Russian Universities - the Competitiveness Growth Program among the world's leading research and educational centers for 2013—2020. This Program provides new opportunities for enhancement of nuclear education in Russia and strengthening international cooperation via educational networks. The main aspects of the NRNU MEPhI Program and the action plan to support the Federal Competitiveness Growth Program are under consideration in this paper.

National Research Nuclear University “MEPhI” is a strategic partner and the primary university of the SC “Rosatom” providing professionals and scientific-and-innovative support for the nuclear industry, which is aimed to have a multiplier effect on the Russian economy and to strengthen its positions in the world markets. Strengthening University's competitiveness is the research and education part of the SC “Rosatom” development strategy. Beyond the focus on nuclear industry University aims to actively diversify and expand its positions in areas such as nuclear medicine, radioactive hard electronics, composite materials, cybernetic technologies as well as in technological management and economics. The diversification enables to further strengthen the University as a leading edge multidisciplinary world educational and research centre.

The global expansion of SC «Rosatom» (construction and operation of “nuclear sites”, assets and long-term commercial interests in 74 countries) is a natural driver for the radical increase of the share of foreign students and foreign scientists. NRNU MEPhI provides graduates of all categories to support construction of nuclear sites abroad and is positioned as a global center of nuclear knowledge management, considering its close co-operation with the IAEA.

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