



NATIONAL RESEARCH  
UNIVERSITY

# **Measures to enhance scientific people-to people exchanges – scientific mobility**

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# Russia's policy landscape for scientific mobility in EU countries

## Objectives

- Promoting scientific excellence & technology modernization
- Increasing international competitiveness of STI

## Policy measures to support international academic mobility

- ✓ Federal program “Research & Development in Priority Areas, 2014-2020”
- ✓ Federal Universities
- ✓ National Research Universities
- ✓ Global Competitiveness Program for Universities (5/100)
- ✓ University-company cooperation
- ✓ Mega-grants
- ✓ Presidential fellowships for MA & PhD students
- **Mobility block in the National S&T Strategy and its action plan (due in 2018)**
- Bilateral mobility programs with EU countries
- State research foundations
- Russian technology platforms
- Innovative clusters
- Mega-science (co-financing of large research installations)

# National S&T Strategy



- ✓ Approved on 1 December 2016
  - ✓ Calls to “create the framework for conducting R&D that adhere to the modern principles of research, technology and innovation activity and the best Russian and international practice”
- 
- ✓ Sets the task to “establish international S&T cooperation and integration in international research and innovation space ... due to mutually beneficial international cooperation”
  - ✓ The Strategy’s action plan (due to be adopted in a few days) is expected to feature support tools for international S&T cooperation and international scientific mobility

# State Research Foundations

## Russian Foundation for Basic Research (RFBR)

✓ *multilateral and bilateral research projects (including coordinated calls); Russian researchers to attend EU research events; international research events in Russia, including grants for foreign experts to attend such events*

## Foundation for Assistance to Small Innovative Enterprises

✓ *support to joint projects of Russian small innovative enterprises with foreign counterparts (bilateral and multilateral innovation projects, educational programs, export support)*

## Russian Science Foundation

✓ *multilateral and bilateral research projects (including coordinated calls); organization of international research events; support to international research organizations, located in Russia, etc.*

# Global Education:

Russian Government programme that Russian citizens an opportunity to study at leading foreign universities



MINISTRY OF EDUCATION AND SCIENCE  
OF THE RUSSIAN FEDERATION

## 3 levels of study

- Masters
- PhD
- Residency

## 5 study areas

- Science
- Engineering
  - Medicine
  - Education
  - Management in social sphere

## 32 specializations

## 32 countries

## 288 leading universities

## 718 Russian students

# Scholarships of the President of Russia for students & PhDs training abroad

- ✓ One year of study abroad
- ✓ Open public competition by the Russian Ministry of Education and Science
- ✓ Broad variety of supported disciplinary areas
- ✓ Secondment in host organisation (top level ranking universities) up to 10 months
- ✓ 40 scholarships for students and 60 for PhDs per year
- ✓ Over 2000 persons benefited since 1993
- ✓ Grant equals 24 000 USD





# National Research Universities



## HSE: 2017

- ❖ 30+ international laboratories headed by top international scholars
- ❖ 23 English-language educational programs
- ❖ Double diploma and student exchange programs with 298 universities from 57 countries
- ❖ 100+ foreign professors from 25 countries

- ✓ 29 technical and SSH universities
- ✓ 10 years of NRU status
- ✓ University's Development Programme: integration of research, education and technology aspects
- ✓ Upgrading facilities and infrastructure
- ✓ Mobility actions are an important requirement
  - ✓ foreign professors and researchers working in Russian universities
  - ✓ international education and training opportunities for teachers and researchers

# Federal Universities



- ✓ **More efficient regional educational and stonger links with the economy and society**
- ✓ **New management system:**
  - ✓ **Training of high quality professionals for macro-regions**
  - ✓ **Integration of education and research**
  - ✓ **Mobility of students, teachers & researchers**
  - ✓ **Integration in the global educational space**
  - ✓ **International recognition of the educational programmes and export of educational services**
  - ✓ **Basic and applied research in national priority areas**
- ✓ **10 Federal Universities across the country**



# 5-100 project: Russian universities entering top world rankings



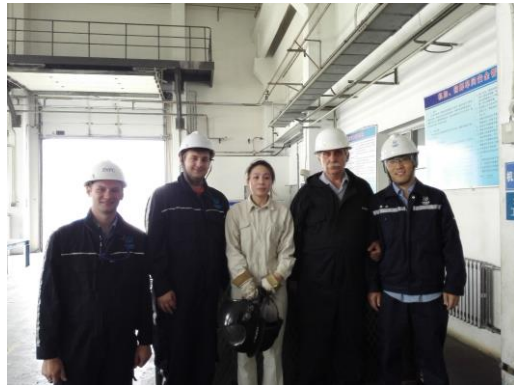
## EXPECTED RESULTS OF THE PROJECT BY 2020

AT LEAST **10%** INTERNATIONAL FACULTY

AT LEAST **15%** INTERNATIONAL STUDENTS

AT LEAST **TOP-100** TAKE POSITIONS IN THE GLOBAL RANKINGS

# Large research centers



- ✓ **State Science Centers (Kurchatov Institute, Russian Scientific Center “Applied Chemistry”, State Research Center CNITMASH, etc.)**
- ✓ **Institutes of the Russian Academy of Sciences**
- ✓ **Federal Budgetary Institutes subordinate to the federal ministries**
- ✓ **Central Aerohydrodynamic Institute**
- ✓ **and more ...**

# Further Information

**Ministry of Education and Science of the Russian Federation** [www.mon.gov.ru](http://www.mon.gov.ru)

**Information on Russia's S&T system and programmes**  
[www.increast.eu](http://www.increast.eu)

**Russian Academic Excellence project** <http://5top100.ru/>

**Global Education Program:**  
<http://educationglobal.ru/en/>

**Mega-grants programme** [www.p220.ru/en/](http://www.p220.ru/en/)



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Thank you  
for your attention!