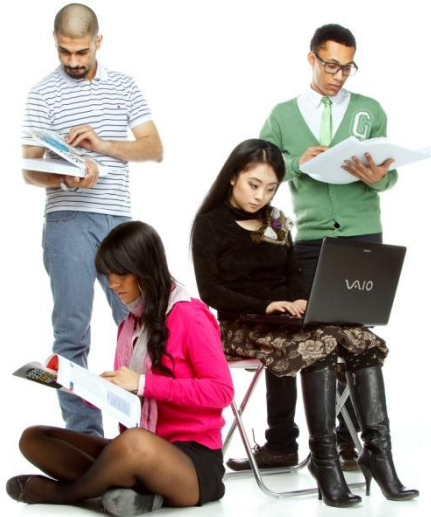




РОСАТОМ

ГОСУДАРСТВЕННАЯ КОРПОРАЦИЯ ПО АТОМНОЙ ЭНЕРГИИ «РОСАТОМ»

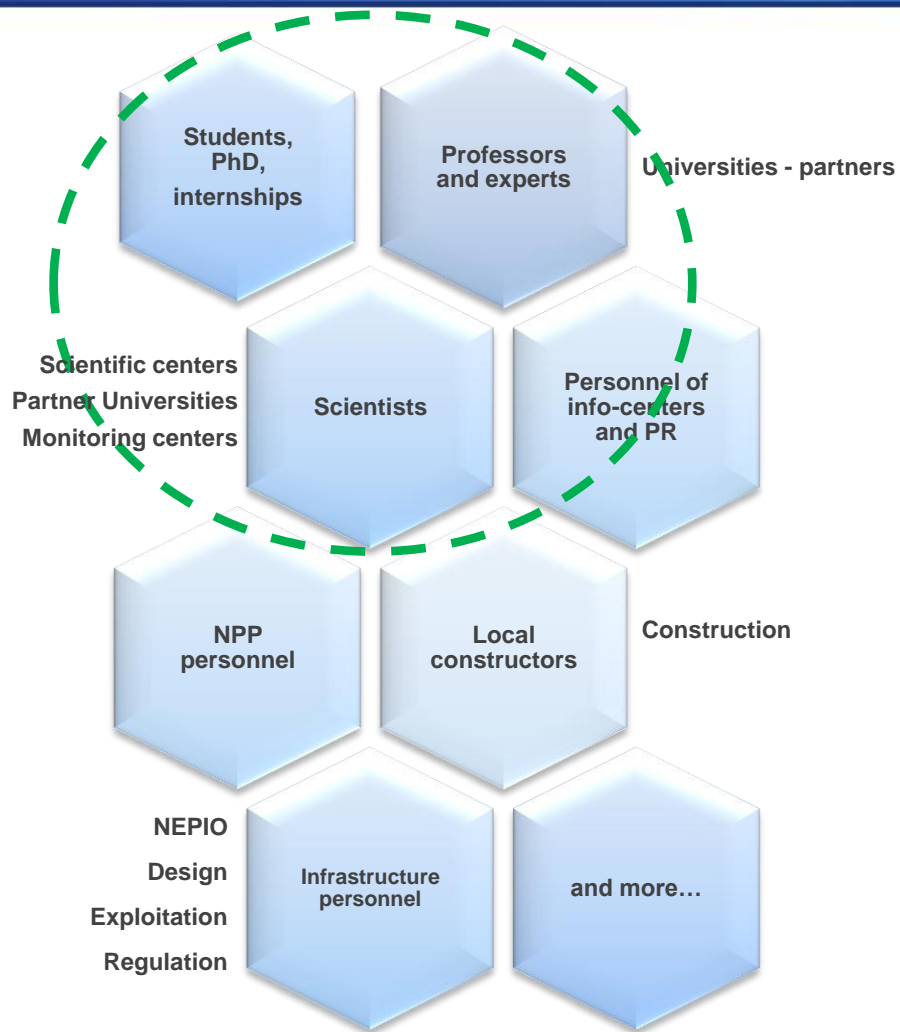
Effective cooperation of universities and business in staff preparation for new nuclear countries



**V. Karezin,
Director of educational projects**

11.06.2014

Key elements of Rosatom HR development product for foreign partners



Today's challenges and expected results of cooperation between universities and business

Challenges:

- Define target universities in the partner countries
- Find resources to support the cooperation (government and business)
- Find the most effective ways and mechanisms of cooperation (joint programs, student and professors exchange, scientific projects etc.)



Expected results:

- ✓ Reliable partnership of universities, business and government
- ✓ Prepared personnel and experts for nuclear industry of the partner-countries
- ✓ Developed educational infrastructure in the partner countries (joint programs, professors etc.)
- ✓ Popularized nuclear education and growth of public acceptance in the partner countries

Consortium of Rosatom supporting universities

Consortium provides Rosatom with highly qualified personnel

- Rosatom estimates its need in personnel and communicates with the Universities
- The Consortium provides Rosatom with well-qualified personnel according to its need

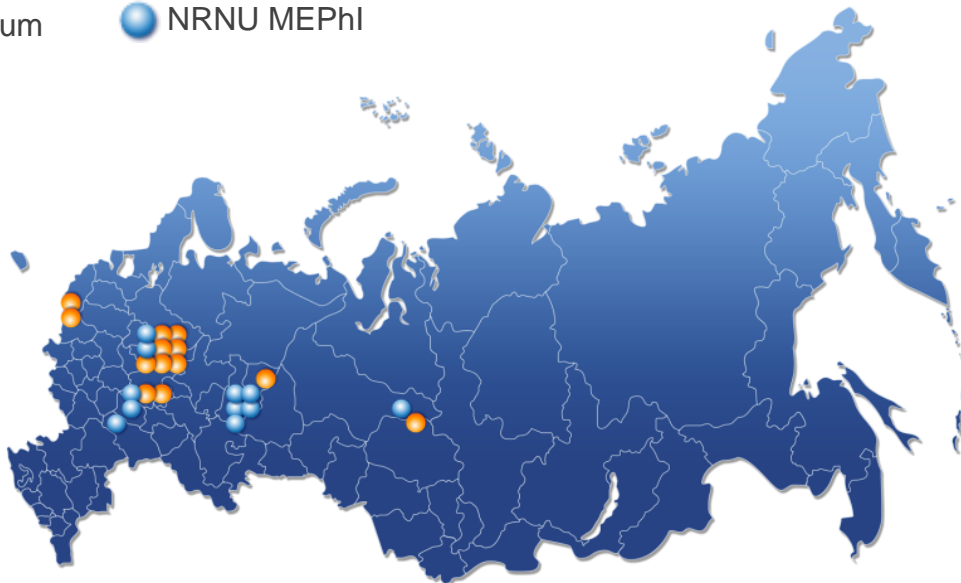
Consortium universities graduates' share in Rosatom yearly employment – 60%



● Consortium

● NRNU MEPhI

- NRNU MEPhI – our strategic partner
- Provides about 30% of Rosatom yearly employment



Rosatom supporting universities

1. NRNU MEPhI

2. ISPU
3. MGSU
4. MSTU
5. MPEI
6. MISIS
7. NSTU
8. Lobachevsky UNN
9. Mendeleev UCTR
10. SPSU
11. SPbSPU
12. TPU
13. UrFU

The Consortium of Rosatom supporting universities is :

- 13 leading universities of Russia including a National University and 9 research universities
- Over 300 000 students and 50 000 lecturers in 23 cities of 19 regions of Russia, including all closed cities
- 56 scientific and educational centers with leading enterprises of the sphere
- 5 universities are participants of “Skolkovo” project

International students in Russian universities:



2010

2011

2012

2013

2014

2016 г

Start of advanced training program

Expanding of the pool of partner countries

Development of international cooperation

Education programs expanding (general education, master degree, internships)

Installation of education programs in partner-countries

Implementation of a system of Russian nuclear education export in 25 countries

	Vietnam	29
	Jordan	8
	Mongolia	9
	Total:	46

	Vietnam	99
	Turkey	50
	Jordan	10
	Mongolia	9
	Total:	168

	Vietnam	168
	Turkey	117
	Mongolia	19
	Jordan	10
	Total:	314

	Vietnam	268
	Turkey	186
	Mongolia	29
	Jordan	10
	Total:	472

	Vietnam	348
	Turkey	286
	Bangladesh	10
	Mongolia	44
	Jordan	11
	Finland	5
	Algeria	5
	SAR	5
	Nigeria	5
	Total:	719

1200 people



- **60 years of experience** in Nuclear Education
- **6 Nobel prize winners** worked and taught in Russian universities
- About **230 Scholarships** for international students yearly
- Practical work at the **unique equipment and simulators**
- **Cooperation with international organizations:** ENEN, IAEA, WNU, EAEC Cooperation council


planned

Export of Russian nuclear education:

Development of international cooperation:


- Joint educational programs
- Academic exchanges (professors, students, interns)
- Translation and publication of study materials
- Development of laboratory facilities
- Joint scientific projects
- Conferences, seminars and other events


2013


 **Turkey.** Joint program MEPhI and Istanbul Technical University



2014 (plan)

 **Bangladesh.** Cooperation of Russian universities with University of Dhaka and BUET.

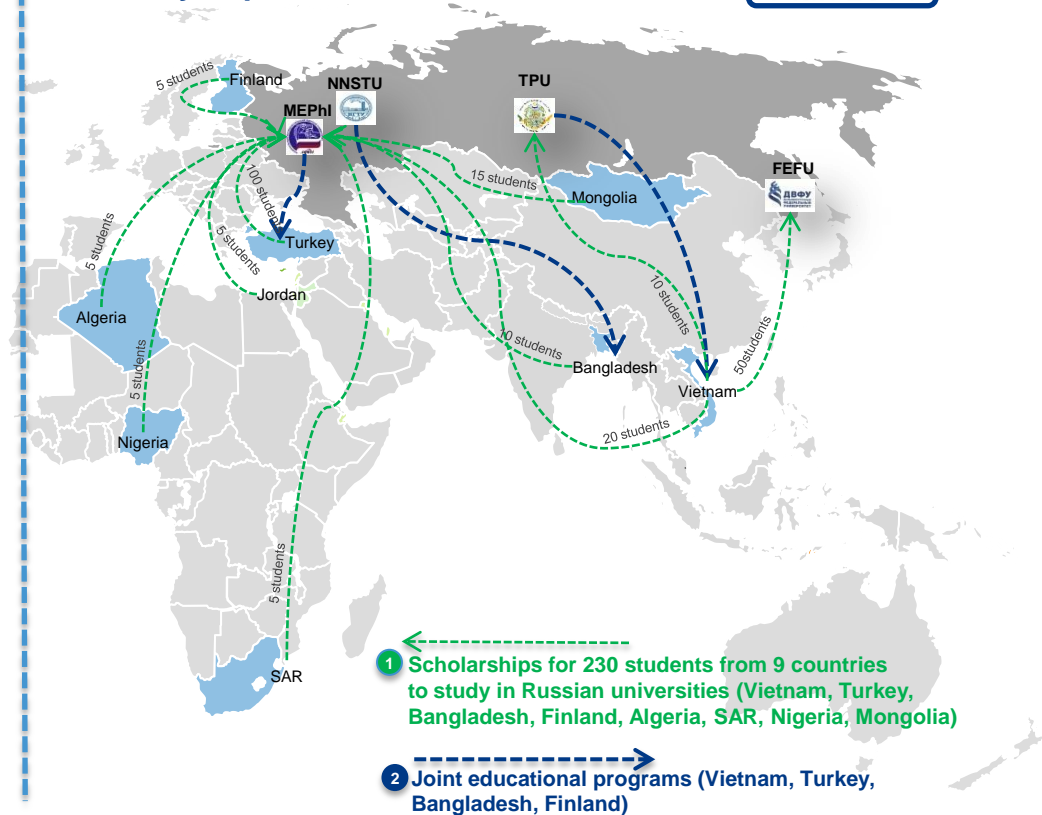
 **Vietnam.** Cooperation of Russian universities with University of Da Nang

 **Finland** Cooperation of Russian universities with University of Oulu and University of Lappeenranta

Two ways of cooperation:

1. Study in Russia
2. Study in partner-countries

Plan 2014



1 Scholarships for 230 students from 9 countries to study in Russian universities (Vietnam, Turkey, Bangladesh, Finland, Algeria, SAR, Nigeria, Mongolia)

2 Joint educational programs (Vietnam, Turkey, Bangladesh, Finland)

Thank you for your attention!