

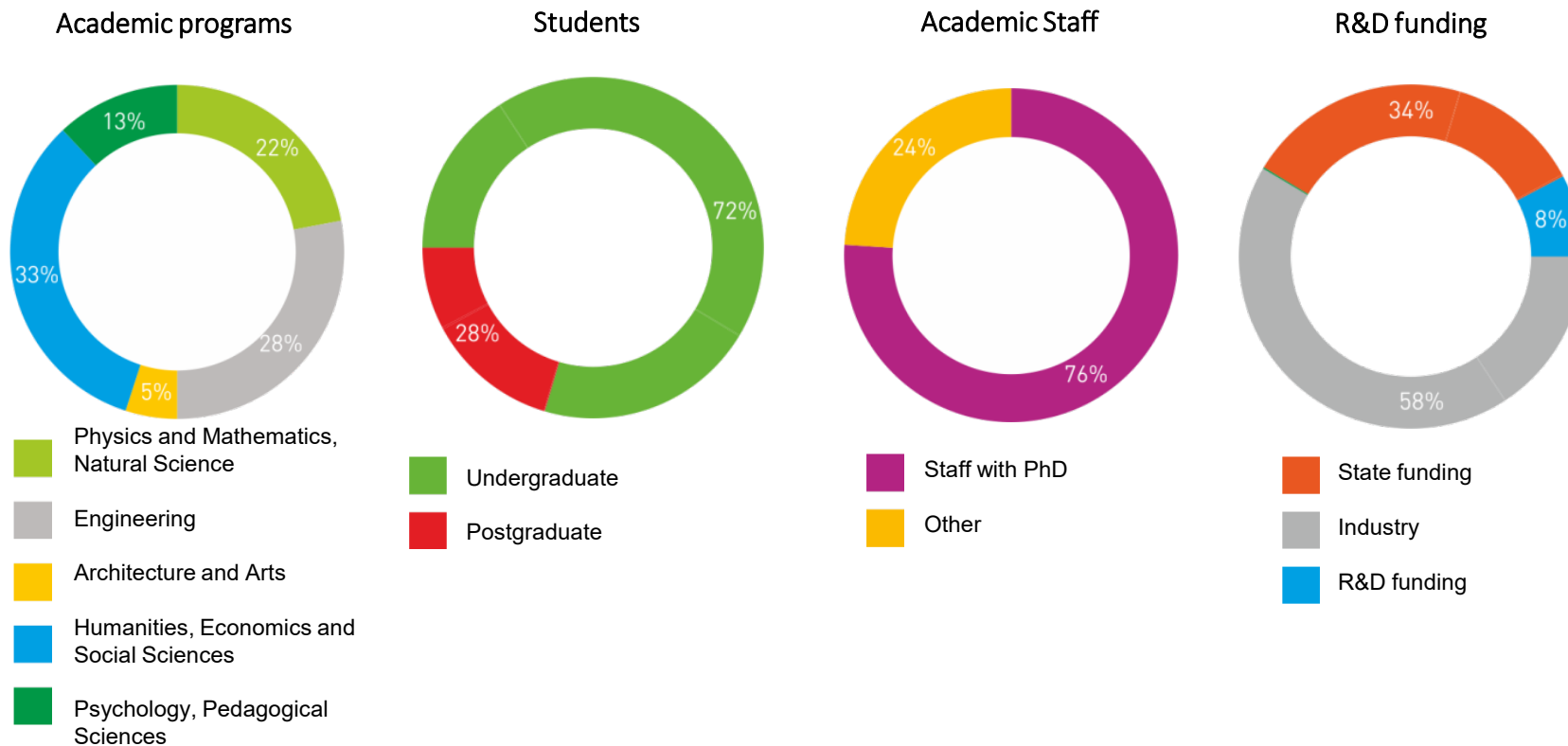


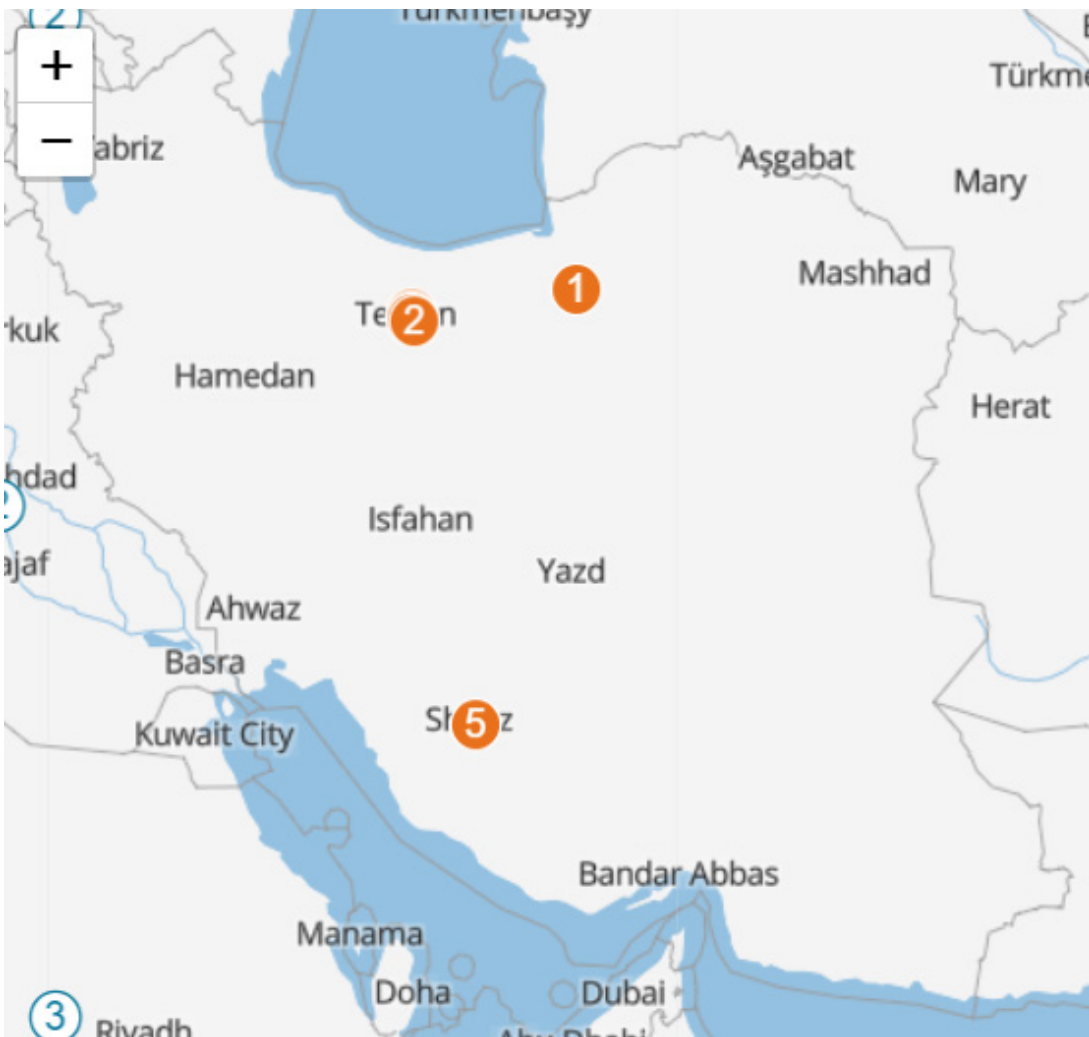
UNIVERSITIES IN THE DEVELOPMENT OF INTERNATIONAL EDUCATIONAL AND SCIENTIFIC-TECHNICAL COOPERATION

Rector ad interim, Southern Federal University
Inna K. Shevchenko

Profile: SOUTHERN FEDERAL UNIVERSITY

Mission of our University is the development of research, education and innovation space of Southern Federal District, based on the generation and transfer of scientific knowledge and technologies, conservation and enhancement of cultural traditions and values.





Institutions collaborating with Southern Federal University

Shiraz University 

University of Tehran 

Alzahra University 

Islamic Azad University 

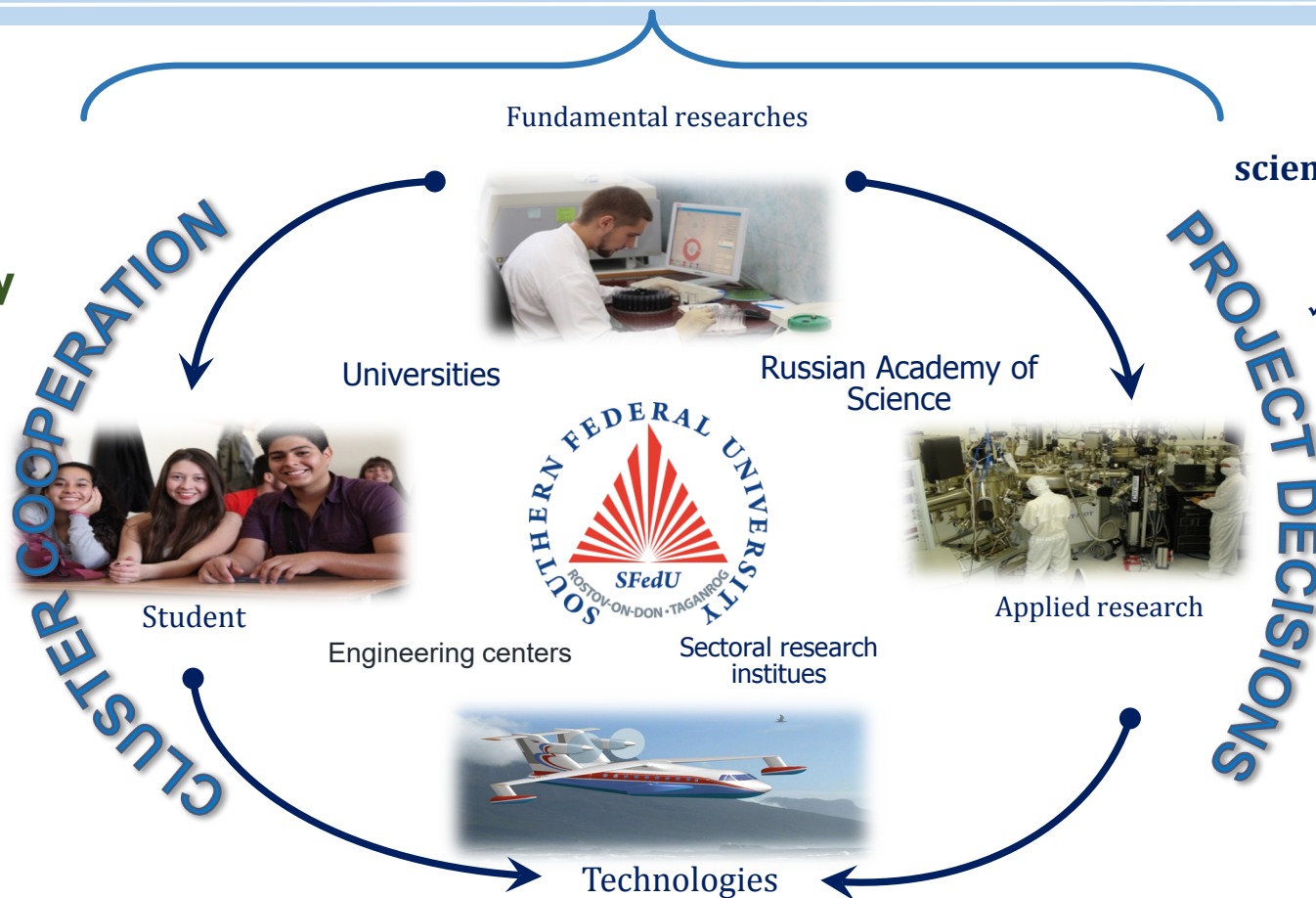
Shahid Beheshti University 

Areas of collaboration:
Mycology;
Paleontology;
Geology;
Mathematics

Educational cluster

Innovation and technology Cluster «Yuzhnoye Sozvesdiye»

Innovation cluster of biotechnologies, biomedicine and rational Natural resource use



The priorities of scientific and technological research

- ✓ Biomedicine and biotechnology
- ✓ Philology and linguistics
- ✓ Caucasus studies
- ✓ Acoustics
- ✓ Internet of Things
- ✓ Control and information processing systems
- ✓ Artificial Intelligence



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Laboratories



2

Engineering centers



6

Engineering bureau



11

Institutes



7

Faculties



4

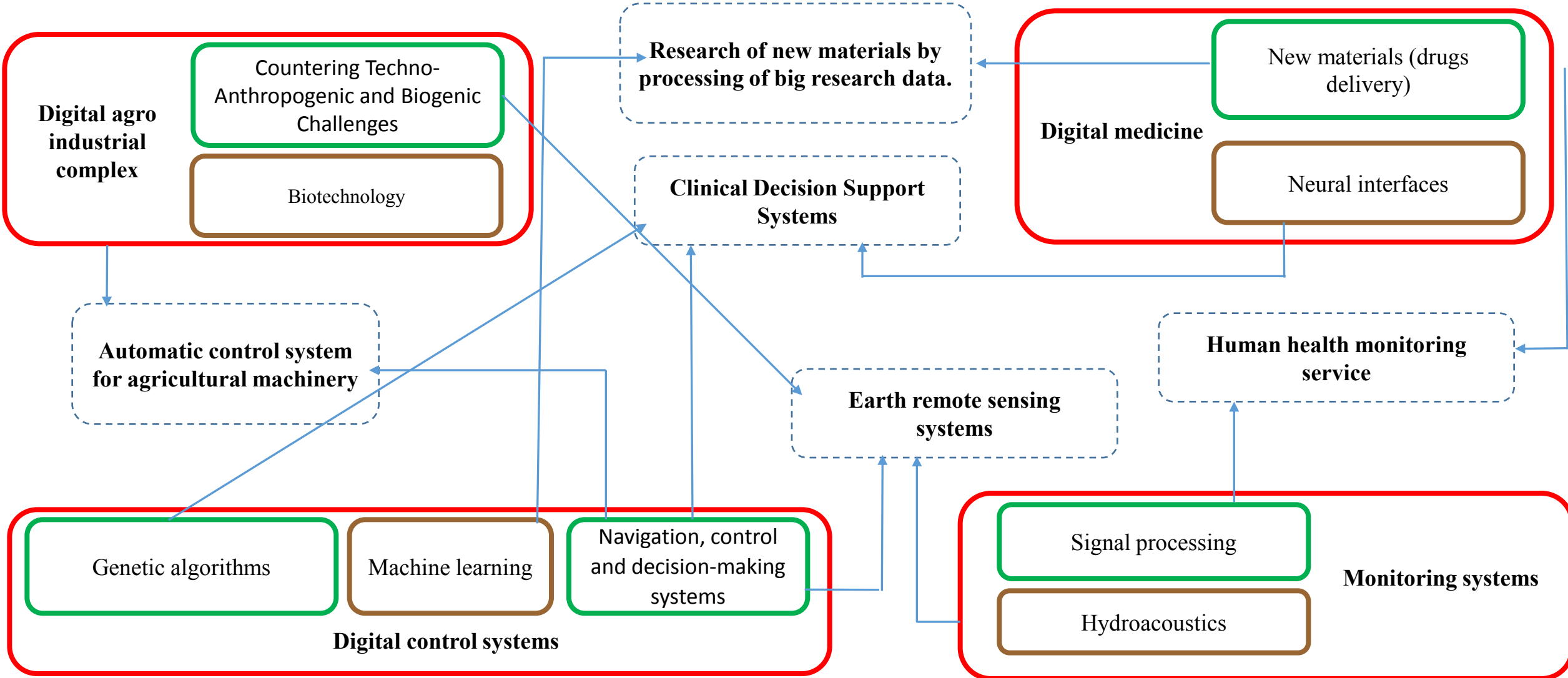
Academies

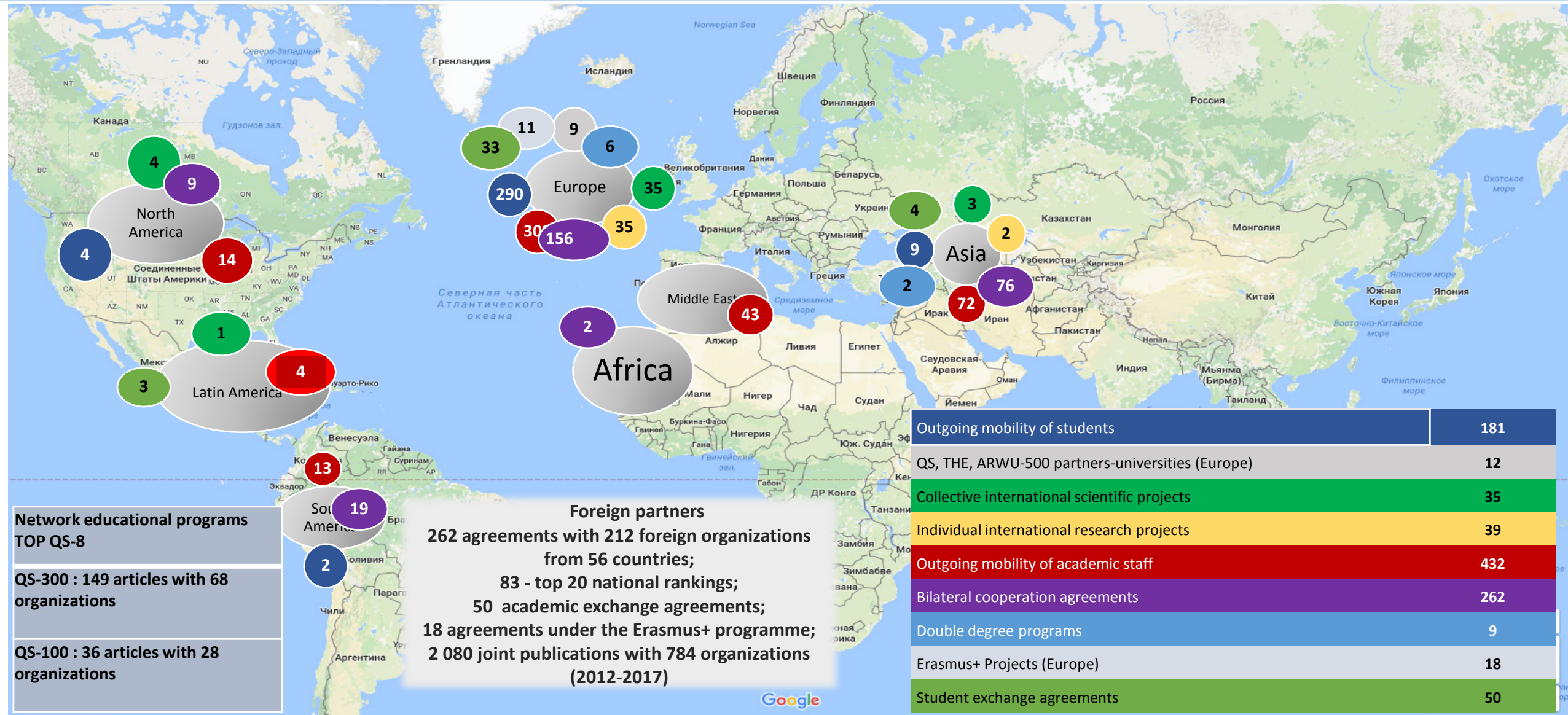


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Research institutes

Cross-cutting technology Priorities	Artificial intelligence	Neural network and cognitive technologies	Sensors	IT production technologies
Robotics, control, navigation and communication systems	Swarm Intelligence Systems	Neural Interfaces	Computer Vision Navigation, control and decision-making systems	
Medicine of the future, biotechnology	Clinical Decision Support Systems		Health Monitoring Systems	
Information Technology. Nanotechnology, intellectual materials	New materials (design / breakthrough properties)	Distributed attack detection systems	Acoustics / hydroacoustics	MEMS Nano-microelectronics
Geopolitics, geo-economics and projects of the South of Russia	Countering Techno-Anthropogenic and Biogenic Challenges			Countering Techno-Anthropogenic and Biogenic Challenges
Problems and prospects of development of the Azov-Black Sea basin				





- Foundation of an international association of Caucasian scholars (coordinating a research network in the region, opening a scientific journal on Caucasus studies, promoting in international citation databases, organizing an annual international Congress of Caucasus historians).
- Development and publication of an integrated encyclopedia of the Greater Caucasus (South of Russia, South Caucasus countries, Iran, Turkey, the Middle East, etc.).
- Creation of a center for the study of oriental languages and cultures, development of network programs on Caucasus studies, Iranian studies, etc..
- Implementation of the interregional interdisciplinary research project “Cross-border security in the Black Sea-Caspian region” (problems of migration, conflicts, the spread of terrorism, etc.)
- Conceptualization of the project “Eurasian economic cluster: development dynamics and integration prospects”.

Proposals for the further development

- Development of bilateral linguistic programs related to the study of the Persian language
- Two-way English webinars and on-line conferences
- Identification of promising areas of scientific cooperation



105/42 Bolshaya Sadovaya Str.,
Rostov-on-Don, 344006, Russia
тел.: +7 (863) 218-40-00
sfedu.ru

