



**MosIUR**  
THE THREE UNIVERSITY MISSIONS

# **The Three University Missions Ranking Ecosystem: Trends and Features of the 2022 Edition**

Moscow, IX 2022

# About Us

## Our specialization:

- **university rankings — over 50 rankings per year**
- non-credit ratings
- studies of industries and markets
- events based on analytical activities — over 20 conferences and round tables per year
- annual university symposium **“The Future of Higher Education”** — #1 platform for discussions on issues related to higher education in post-Soviet space

Our rankings are audited by **IREG Observatory**.

## RAEX actively cooperates with:

- Ministry of Education and Science of the Russian Federation
- Russian Union of Rectors

We are **co-founders** of the **Association of Rating, Ranking, and Other Performance Evaluations Makers** — operator of MosIUR.

# History

2012

First **National Ranking** of top 100 Russian (**RAEX 100**) universities published, supported by the Russian Union of Rectors.

2013 – 2016

Development of RAEX 100. Audited by IREG Observatory in 2015.  
First **Subject rankings** and **Research area rankings** published.

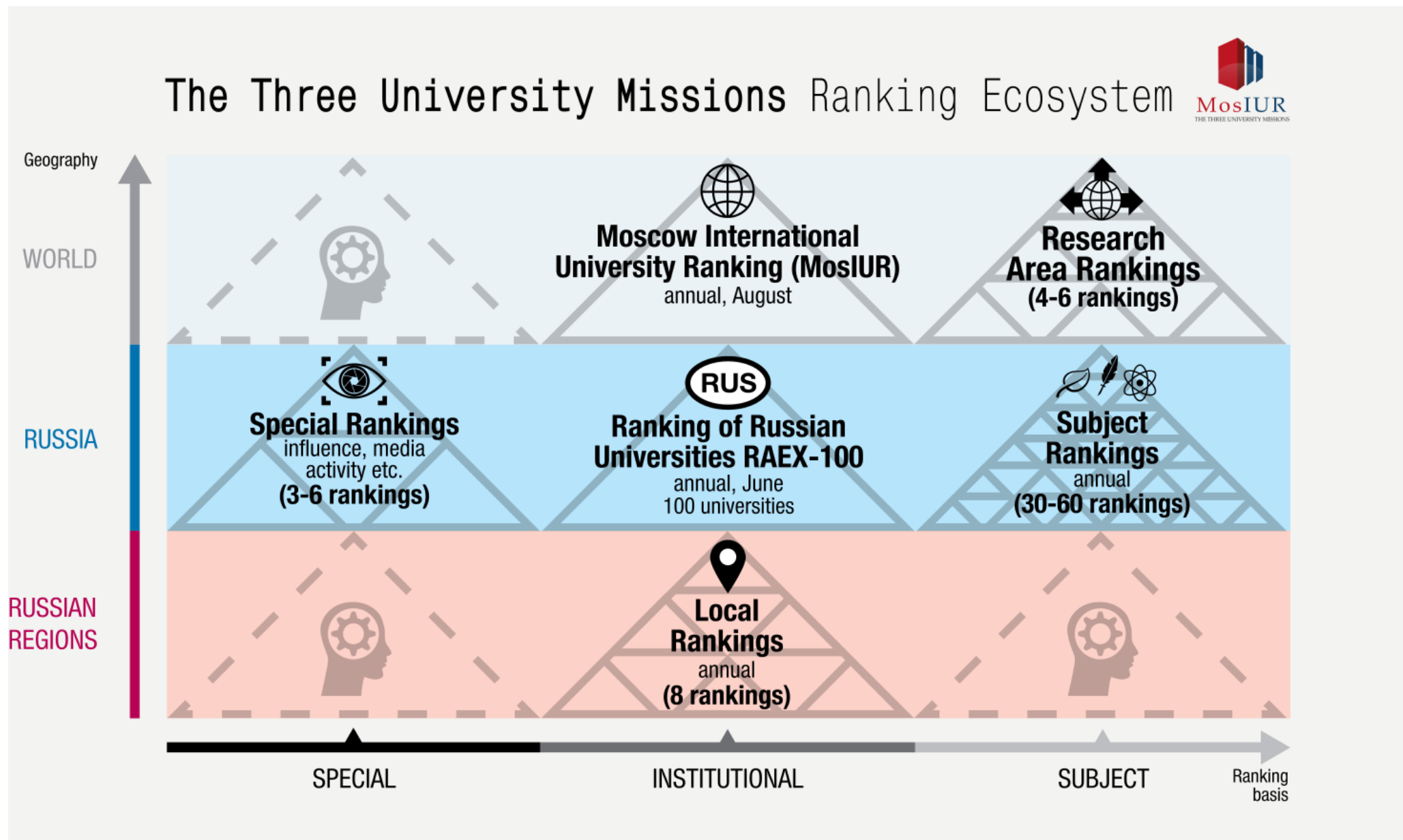
2016 – 2019

Moscow International University Ranking “The Three University Missions” (MosIUR) developed. Audited by PwC.  
Special rankings developed.

2019 – 2022

“The Three University Missions” Ranking Ecosystem created.

# The “Three University Missions” Ranking Ecosystem



# Scope of the Project

## Moscow International Ranking “The Three University Missions” (MosIUR):

- assessment of the strongest Russian universities in global context
- based on objective data from independent and remotely accessible sources
- adequate assessment of trends in global higher education

## RAEX-100 Ranking of Russian Universities:

- precise position of Russian leading universities in the ranks
- based on same methodology as MosIUR, but uses additional data available only in Russia

## Local Rankings of Russian Universities:

- all universities in the country are assessed regardless of their position in global competition
- based on same methodology as MosIUR, but uses special criteria for regional and niche universities

## Russian University Subject Rankings:

- focuses on the role and importance of a university for its society, country and region
- to date, it is the only tool to assess achievements of Russian universities in 29 subjects

# Mission and Features

Every Russian university should receive an adequate assessment in line with its own mission.

The Ranking Ecosystem is a unified national tool for Russian university assessment:

- at all levels (international, country, regional)
- by different subjects and areas of research / study
- according to solving specific tasks (development of sports, media activity, impact on youth)

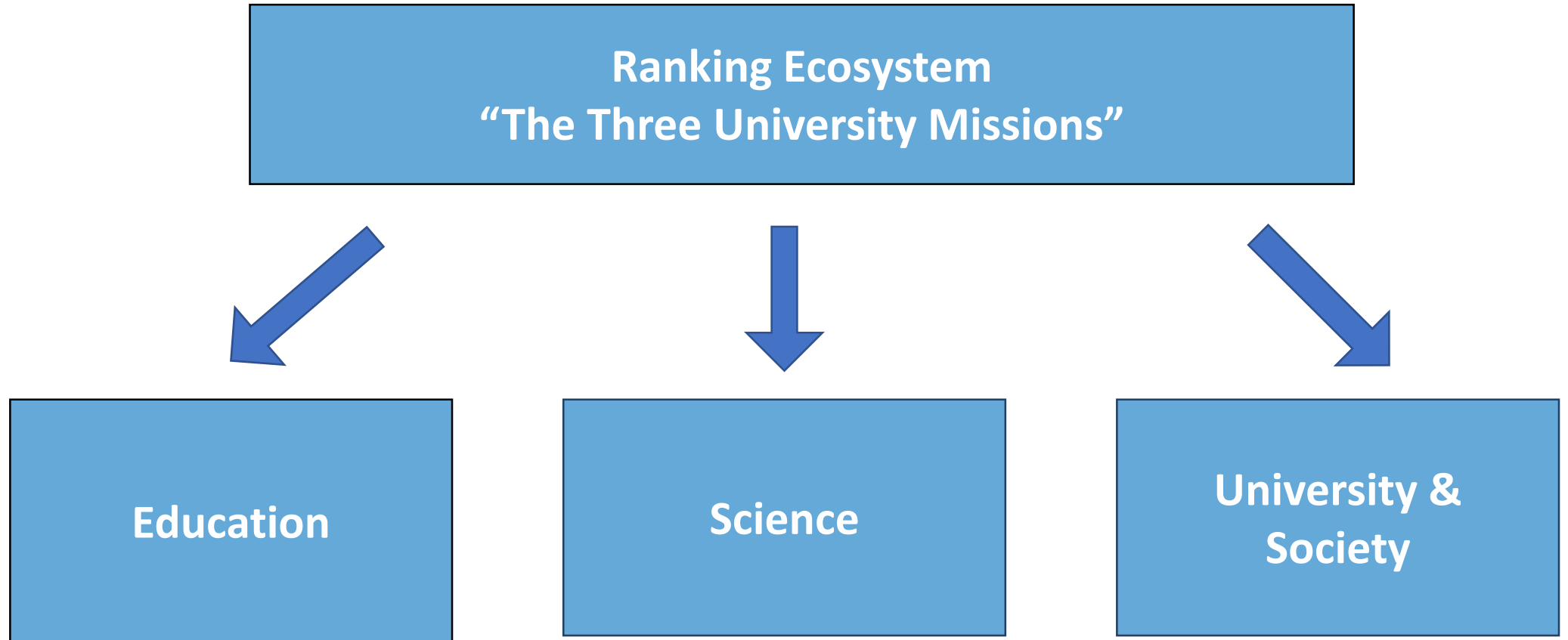
Almost all rankings of the Ecosystem are using **objective data only** from independent sources.

The rankings are based on the views of stakeholders:

- rector's community
- international Advisory Board (25 experts from 16 countries)
- employers
- federal and regional authorities
- independent observers and auditors

The rankings assess all three university missions: education, science and impact on society.

# Versatility



“The Three Missions” have set a new vector for the development of rankings in the world!

# Quality Assessment

## International external audit by:

- PwC (leading international auditing and consulting firm)
- IREG (IREG Observatory on Academic Ranking and Excellence)
- International Expert Council (25 leading experts from 16 countries)

Quality and methodology of our rankings have been discussed at more than 20 international forums with participation of several thousand rectors.

## Quality monitoring on national level:

- Working Group on Strategic Academic Leadership of the Russian Union of Rectors
- Ministry of Education and Science of the Russian Federation
- 30 native speaking freelancers engaged in the project



# Application

## Rankings of the “Three University Missions” Ecosystem

### University

- University positioning and promotion.
- Managerial decision-making.
- Competitive procedures.
- Criterion for selecting partners for joint programmes and academic exchange.
- Quality criterion for supporting teaching and research initiatives.

### National Level

#### Federal Law:

- 1) Criteria for inclusion of foreign educational and scientific organizations in the list of foreign organizations, whose education and qualifications, academic degrees and academic titles are recognized in the Russian Federation.
- 2) Motivates regional authorities to create conditions for outpacing development of regional universities.

### International Level

- One of the tools for selecting Russian universities when sending students to study abroad.
- Identifying potential partners from Russia within the framework of developing academic and scientific cooperation.

# Database Management System (DBMS)

The potency and aptitude of a ranking is determined by:

- Amount of data collected independently
- Independence of the data (there is no possibility to “cut off” the source under any sanctions)
- Capabilities of analyzing the data.

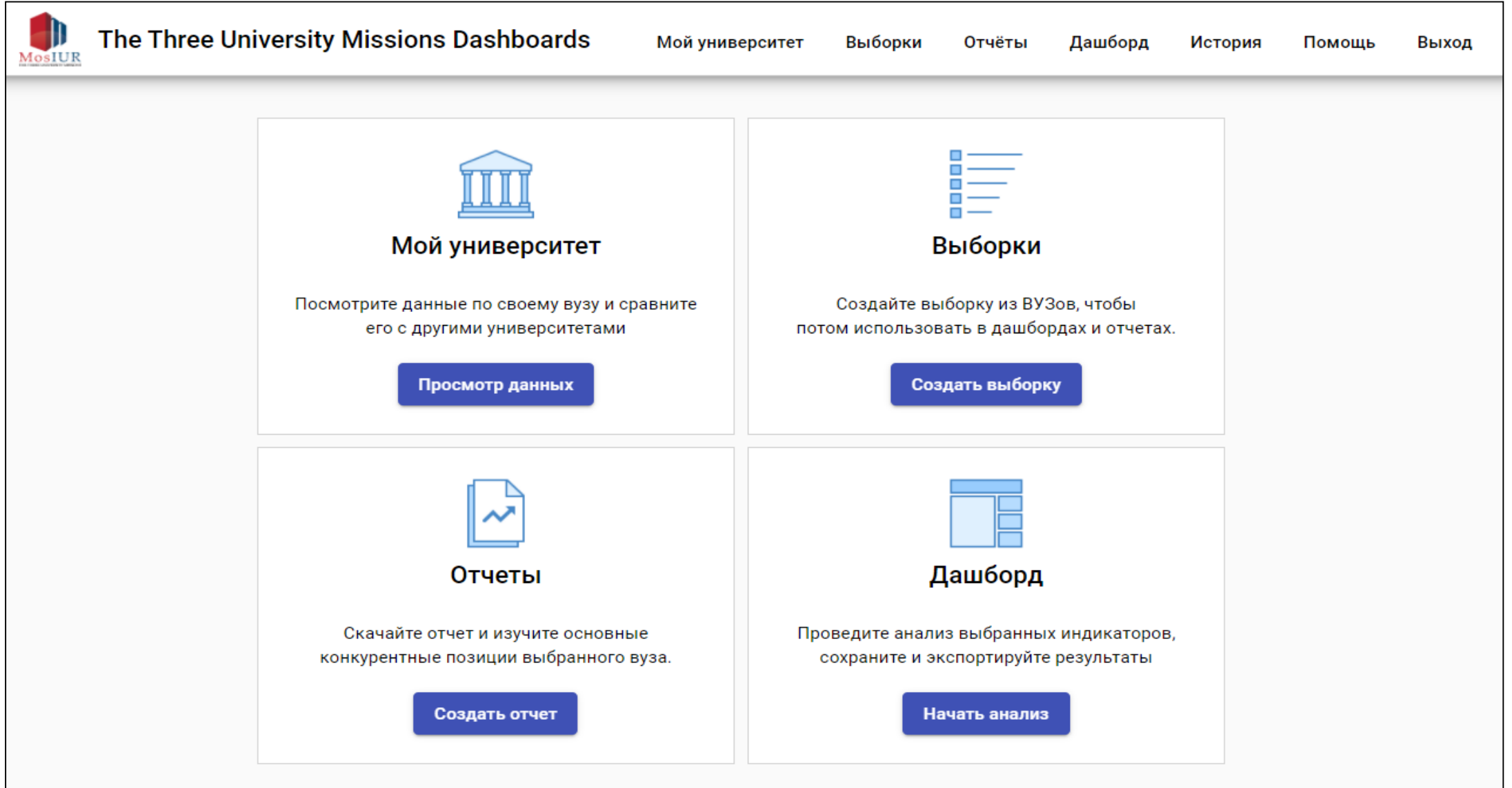
**Database management system:**

- Data on 2,239 universities with up to 80 parameters for each university
- Powerful analytical service for data management
- Might be used by universities, interested authorities and professional associations

**Keynote features :**

- Analysis of the university’s position in MosIUR as well as in other institutional and subject rankings (QS, THE, ARWU, USNews, RAEX)
- Sample selection for comparison in accordance with the university’s individual mission
- Report on the university’s competitive position in various rankings as well as in comparison with different selections
- Comprehensive relationship analysis as well as university benchmarks for universities and national higher education systems

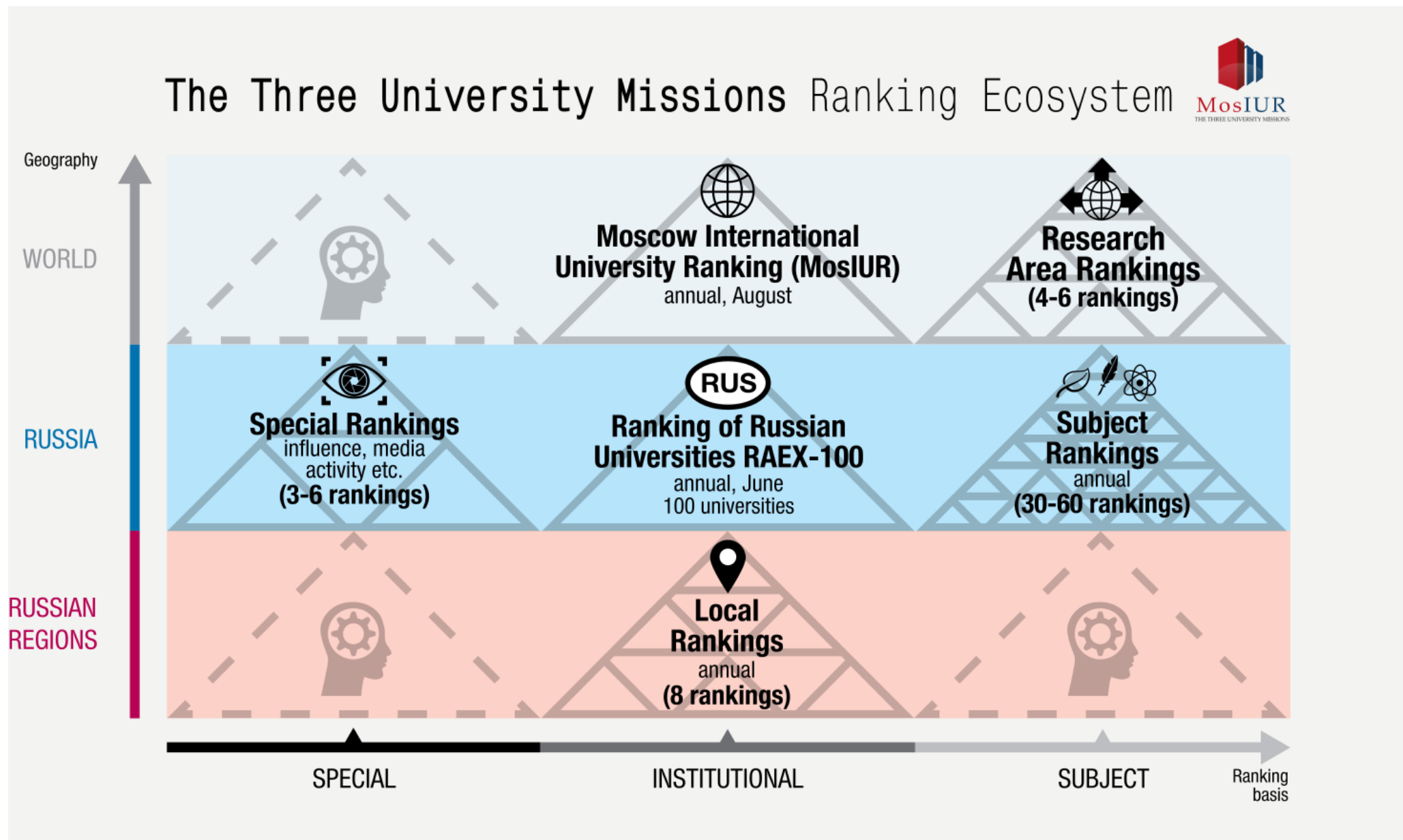
# Database Management System (DBMS)



The screenshot displays a web interface for 'The Three University Missions Dashboards'. At the top left is the MosIUR logo. The main title is 'The Three University Missions Dashboards'. A navigation menu at the top right includes: 'Мой университет', 'Выборки', 'Отчёты', 'Дашборд', 'История', 'Помощь', and 'Выход'. The main content area is a 2x2 grid of cards:

- Мой университет**: Features a classical building icon. Description: 'Посмотрите данные по своему вузу и сравните его с другими университетами'. Button: 'Просмотр данных'.
- Выборки**: Features a list icon. Description: 'Создайте выборку из ВУЗов, чтобы потом использовать в дашбордах и отчетах.'. Button: 'Создать выборку'.
- Отчеты**: Features a document with a graph icon. Description: 'Скачайте отчет и изучите основные конкурентные позиции выбранного вуза.'. Button: 'Создать отчет'.
- Дашборд**: Features a dashboard grid icon. Description: 'Проведите анализ выбранных индикаторов, сохраните и экспортируйте результаты'. Button: 'Начать анализ'.

# Moscow International University Ranking (MosIUR)



# History of the Moscow International University Ranking

Today, university rankings are an instrument for defending national interests in the world of international education.



The global community is not satisfied with the existing set of rankings that are based solely on bibliometrics and expert surveys.

In 2014, it was decided to develop a Russian international university ranking



The Russian Union of Rectors has initiated the creation of a new global ranking with its HQ in Russia

**2017** Pilot issue. 200 universities, 39 countries

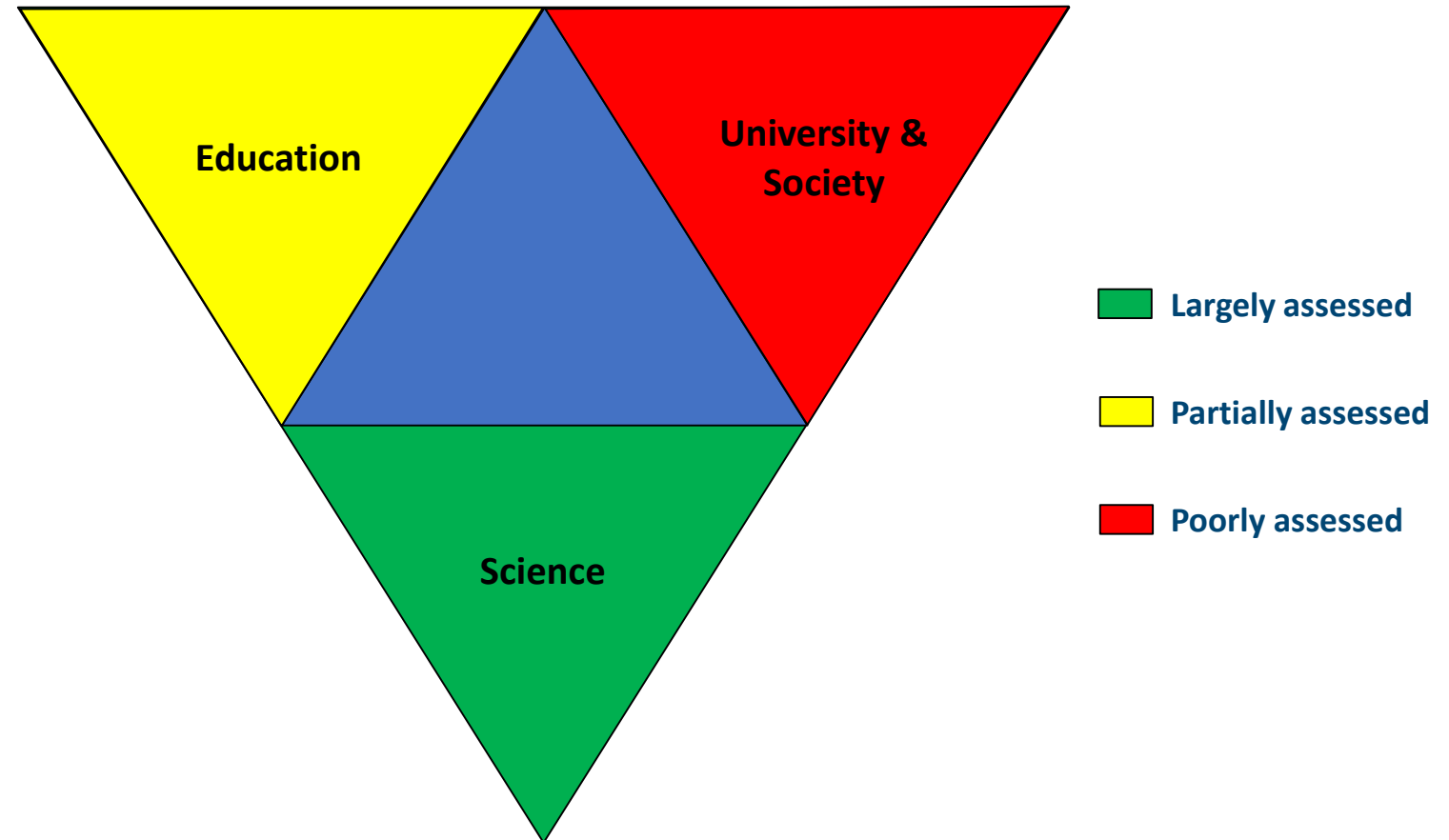
**2022** Sixth issue. 1800 universities, 103 countries

Association of Rating, Ranking, and Other Performance Evaluations Makers is the operator of MosIUR.

# A Fundamentally New Approach

MosIUR has set a new dimension in the world of educational rankings

Assessment of the three university missions by global rankings



# International Context

Luiz Claudio Costa, President of IREG Observatory and Academic Ranking and Excellence:

*“Almost all of the existing rankings are based mainly on indicators of research and institutional reputation. **The Moscow Ranking opens a new generation of academic rankings, the second one**”*

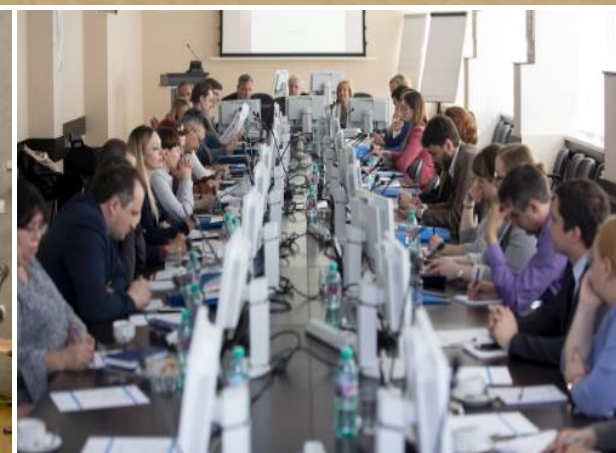


University World News, 07.11.2020:



*“... changes are coming to rankings. Several ranking organizations concentrate their efforts on finding a way to tackle the issue of a university’s responsibility to the community, to society. **The Moscow Three University Missions Ranking [...] was the first serious attempt to advance this issue, [followed by a] frontal approach to the third mission [by] THE...**”*

# Acknowledgement and Advancement





# Ranking Model and Criteria



## Education 45% weight

- Number of student wins in international student contests
- Share of international students among all students
- Ratio of per student cost
- Staff to student ratio



## Science 25% weight

- IREG List awards won by university academic staff and alumni
- Average normalized citation impact (global and national level)
- Research income per academic staff member



## University & Society 30% weight

- Number of MOOCs
- Share of the university in total national publications
- Web-presence and -audience, followers on social media
- Number of alumni with an article about them on Wikipedia
- Transparency

# Pre-Selection Procedure (2022)

The main aim of the participant-list is to ensure the widest possible representation of the most successful multidisciplinary universities from all over the world.

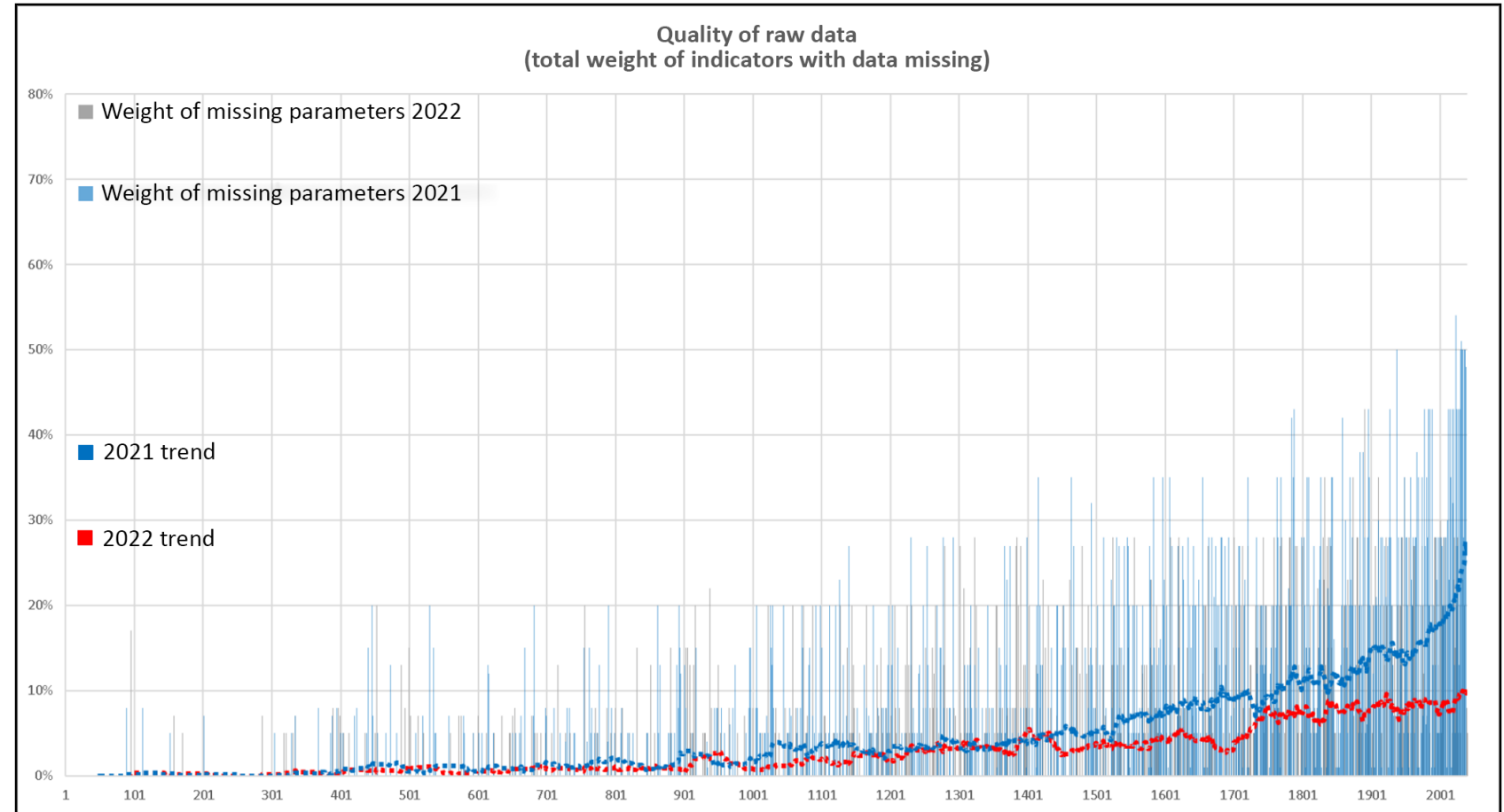


# Why 1800 Universities?

The number of universities in the ranking is determined by the quality of available data.

In 2022, the quality and scope of data clearly improved, compared to 2021.

This allowed to increase the number of universities in the ranking from 1,650 to 1,800



MosIUR — the most representative among international academic rankings

# Geography of the Project

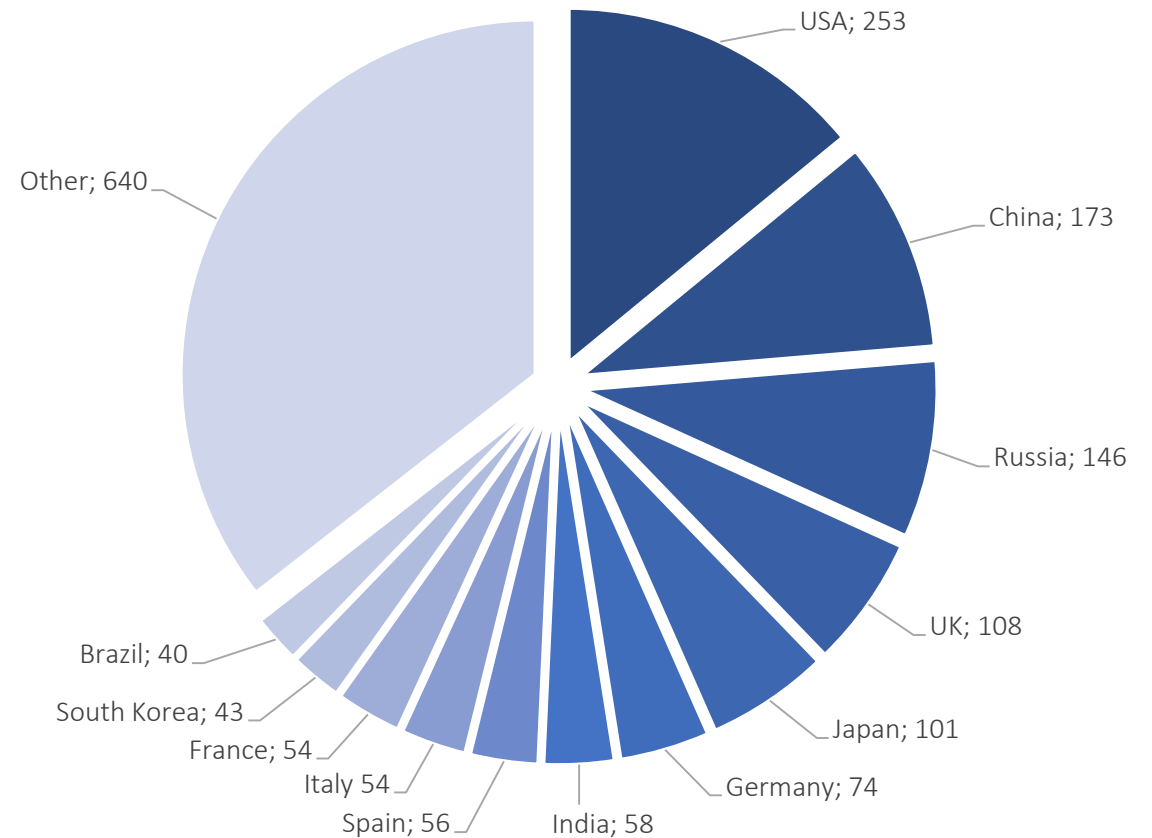
This year, MosIUR included **1,800 universities** from **103 countries**. Same as last year, **Russia was among the top three global leaders in terms of universities represented** with only the US and China being ahead of Russia.

Main beneficiaries of the list expansion from 1,650 to 1,800 universities:

**Asia (+42 universities)**

**Russia (+34 universities)**

**Mainland Europe (+27 universities)**



Almost a half of the new entrants to the ranking — **64 universities** — are in BRICS countries.

# Representation of Economic Unions

## All BRICS countries

Country	Universities in MosIUR 2022	Highest Rank
Brazil	40	301-350
India	58	206
China	173	14
Russia	146	18
South Africa	12	157

## All SCO countries except Tajikistan

Country	Universities in MosIUR 2022	Highest Rank
India	58	206
Kazakhstan	11	801-900
Kyrgyzstan	4	901-1000
China	173	14
Pakistan	4	1101-1200
Russia	146	18
Uzbekistan	1	1650-1800
















## All EAEU countries

Country	Universities in MosIUR 2022	Highest Rank
Armenia	4	601-650
Belarus	9	351-400
Kazakhstan	11	801-900
Kyrgyzstan	4	901-1000
Russia	146	18

# MosIUR Top 30 (2022)

Rank in 2022	University	Country	Rank in 2021	Rank Change
1	Harvard University	United States	1	 0
2	Massachusetts Institute of Technology	United States	2	 0
3	University of Cambridge	United Kingdom	3	 0
4	University of Oxford	United Kingdom	4	 0
5	University College London	United Kingdom	5	 0
6	Stanford University	United States	7	 1
7	Columbia University	United States	8	 1
8	University of Pennsylvania	United States	6	 -2
9	University of Chicago	United States	10	 1
10	Yale University	United States	11	 1
11	ETH Zurich – Swiss Federal Institute of Technology Zurich	Switzerland	14	 3
12	University of Tokyo	Japan	12	 0
13	University of Michigan	United States	16	 3
14	Peking University	China	15	 1
15	Johns Hopkins University	United States	17	 2

# MosIUR Top 30 (2022)

Rank in 2022	University	Country	Rank in 2021	Rank Change
16	Duke University	United States	13	 -3
17	University of Edinburgh	United Kingdom	21	 4
18	Lomonosov Moscow State University	Russia	19	 1
19	New York University	United States	26	 7
20	University of Washington	United States	39	 19
21	Cornell University	United States	18	 -3
22	Technical University of Munich	Germany	35	 13
23	University of California, Berkeley	United States	9	 -14
24	Imperial College London	United Kingdom	24	 0
25	Northwestern University	United States	22	 -3
26	University of Zurich	Switzerland	23	 -3
27	University of California, San Diego	United States	25	 -2
28	The Chinese University of Hong Kong	China	20	 -8
29	University of Geneva	Switzerland	28	 -1
30	University of Maryland, College Park	United States	43	 13

# MosIUR Top Russian Universities (2022)

Rank in 2022	Rank in 2021	University	Rank in Russia (2022)	Rank in Russia (2021)
18	19	Lomonosov Moscow State University	1	1
35	36	Saint Petersburg State University	2	2
44	44	Moscow Institute of Physics and Technology	3	3
142	120	National Research University Higher School of Economics (HSE)	4	4
162	145	National Research Nuclear University MEPhI	5	5
196	222	Tomsk State University	6	7
205	205	Novosibirsk State University	7	6
237	257	Ural Federal University	8	8
252	270	ITMO University	9	9
258	289	Tomsk Polytechnic University	10	10
262	300	Bauman Moscow State Technical University	11	11
285	451-500	RUDN University	12	17-19
297	301-350	National University of Science and Technology (MISIS)	13	12-14
301-350	301-350	Sechenov University	14	12-14
351-400	351-400	Moscow State Institute of International Relations	15-17	15-16
351-400	351-400	Russian Presidential Academy of National Economy and Public Administration (RANEPA)	15-17	15-16
351-400	301-350	Peter the Great St. Petersburg Polytechnic University	15-17	12-14



# Russia's Position in the Ranking

- ✓ **Russian universities are well represented in the ranking:** Russia is among the top three global universities (146 universities). Besides, for the first time, universities from more than half of the federal subjects are represented in the list — 45 regions this year against 39 in 2021.
- ✓ **The competitive position of Russia's leading universities corresponds to places 5 – 6 in the world.**
- ✓ **Quality of education is the strongest point of Russian higher education:** five Russian universities (Lomonosov Moscow State University, Saint Petersburg State University, MIPT, MEPhI and Innopolis University) are in the top 100 of the sub-ranking for the “Education” indicator group.

# Strengths and Weaknesses of Russian Universities

## Competitive advantages:

- **Large number of wins at student contests** (with an increase of just under 30% in this indicator)
- **Large number of MOOCs** (strengthening of the domestic MOOC platform has resulted into a 30% growth of the indicator)
- **Hight share of international students**

## Negative factors:

- **Relatively low funding** (the gap with leading countries has decreased in 2022, but is still large)
- **Relatively low scientific paper citation rate**
- **Low staffing** (at the same time, the teaching staff / student ratio continues to decrease)
- **Low communication with society:** activity in social networks, website reach and the informativity of Russian university websites significantly lags behind the international average and certainly affects positions of Russian universities in rankings, that use expert surveys

# Strengths and Weaknesses of Russian Universities

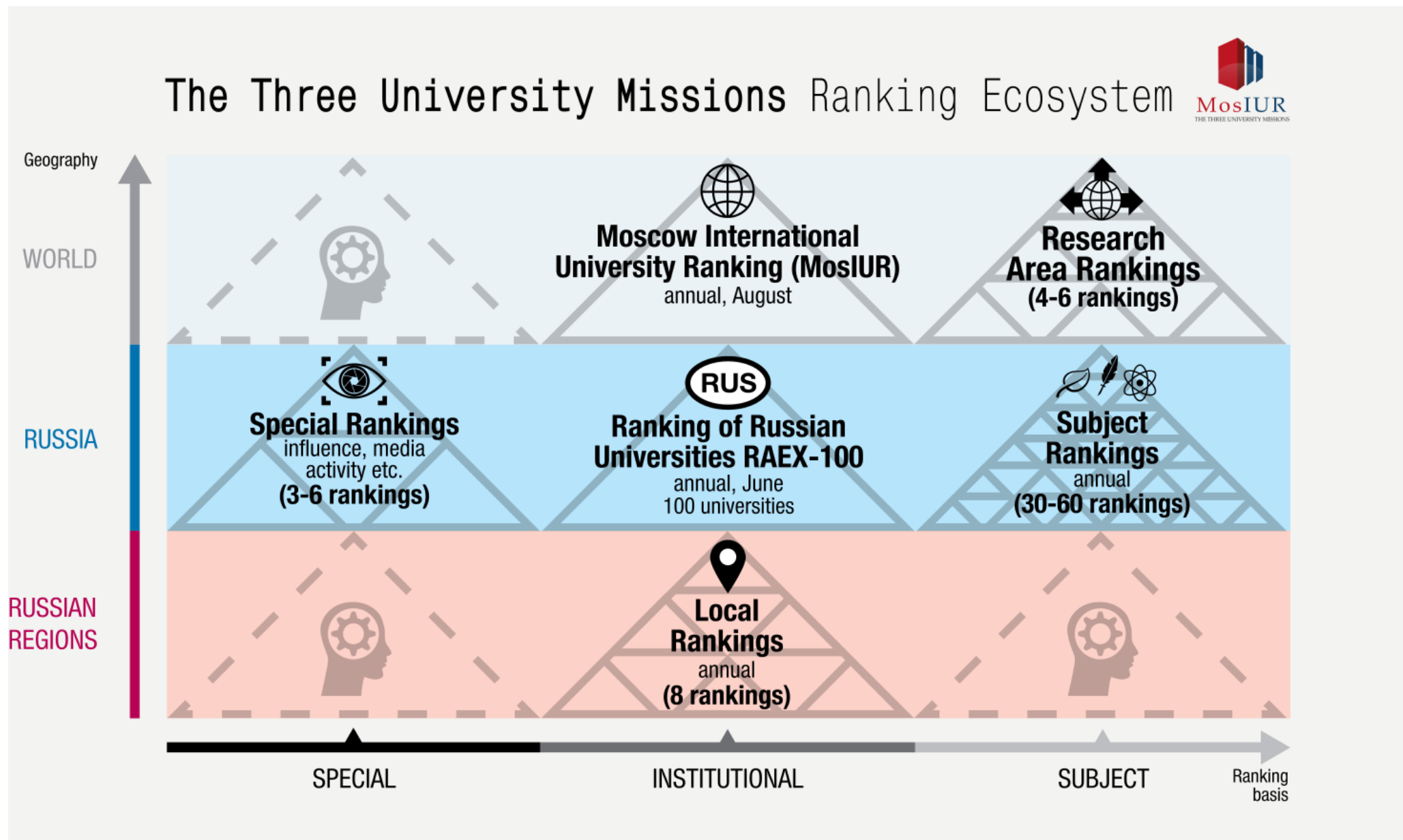


\* - deviation of the average value of Russian HEIs from the average value in the top 1650 of the ranking (%)

\*\* - change in the average value of Russian HEIs from the top 1650 as compared to the average value of Russian HEIs last year (%)

The 2021 ranking included 1,650 universities; therefore, this data set was used for comparison.

# Top 100 Russian Universities (RAEX-100)

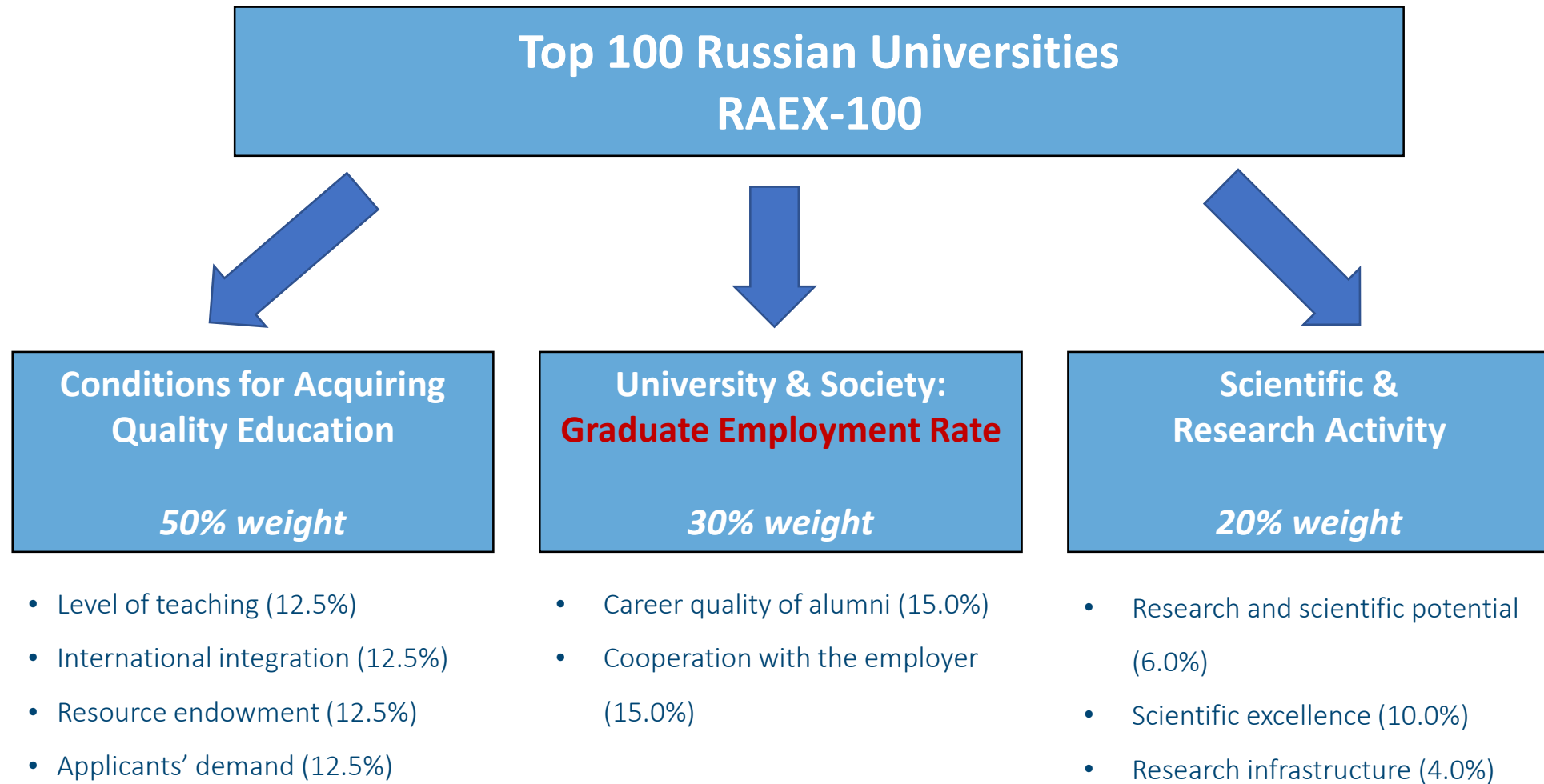


# Characteristics

- ✓ The most reliable and highly-quoted list of leaders in Russian higher education.
- ✓ Released annually since 2021 (in 2022 the 11<sup>th</sup> issue has been published).
- ✓ **The only domestic university ranking** with IREG approved certification to date.
- ✓ Most comprehensive approach in evaluating competitiveness with **40+** criteria.
- ✓ Uses both statistical and reputational indicators.
- ✓ The ranking methodology is developed with the support of the **Russian Union of Rectors**. It is being discussed regularly with representatives of leading Russian universities and then improved based on the opinions expressed.
- ✓ **RAEX-100 represents Russian university elite.**

# Ranking Model

Which higher education institutions provide graduates with high quality knowledge, skills and competences based on the conditions for acquiring them and the results of their application?



# Data Sources

The ranking uses **statistical** (27 criteria) and **reputational** (survey, 16 criteria) criteria:

- Surveys submitted by participating universities
- Websites of students Olympiads
- Scientometric sources (WoS, RSCI)
- **Websites of employing companies (incl. Russia's largest companies from the RAEX-600 list)**
- **Graduate employment monitoring by the Russian Ministry of Education and Science**
- Higher education institution effectiveness monitoring by the Ministry of Education and Science
- University websites (used to verify obtained data)

Reputational criteria are based on reputation scores provided by reference groups through polls on the **RAEX Rating Review portal** ([raex-rr.com](http://raex-rr.com))

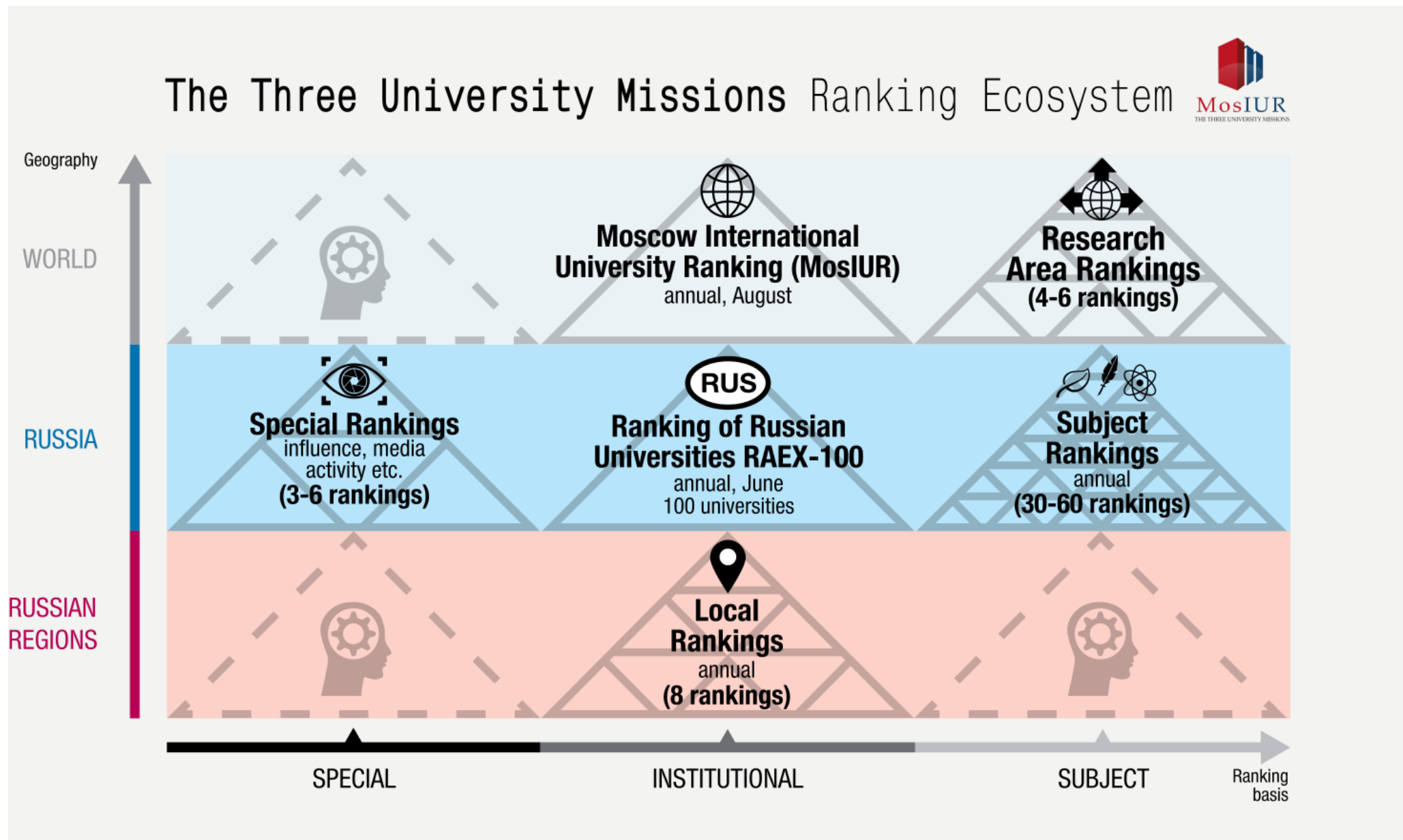


# RAEX-100 Top 20 (2022)

Rank in 2022	Rank in 2021	Rank Change	University
1	1	=	Lomonosov Moscow State University
2	2	=	Moscow Institute of Physics and Technology Saint Petersburg State University
3	4	↑	Saint Petersburg State University
4	3	↓	National Research Nuclear University MEPhI
5	5	=	National Research University Higher School of Economics (HSE)
6	6	=	Bauman Moscow State Technical University
7	7	=	Moscow State Institute of International Relations
8	9	↑	Peter the Great St. Petersburg Polytechnic University
9	8	↓	Tomsk Polytechnic University
10	10	=	Russian Presidential Academy of National Economy and Public Administration (RANEPA)
11	12	↑	Ural Federal University
12	11	↓	Novosibirsk State University
13	14	↑	ITMO University
14	13	↓	Financial University under the Government of the Russian Federation
15	15	=	Plekhanov Russian University of Economics
16	16	=	National University of Science and Technology (MISIS)
17	18	↑	Sechenov University
18	17	↓	Tomsk State University
19	19	=	RUDN University
20	20	=	Kazan Federal University



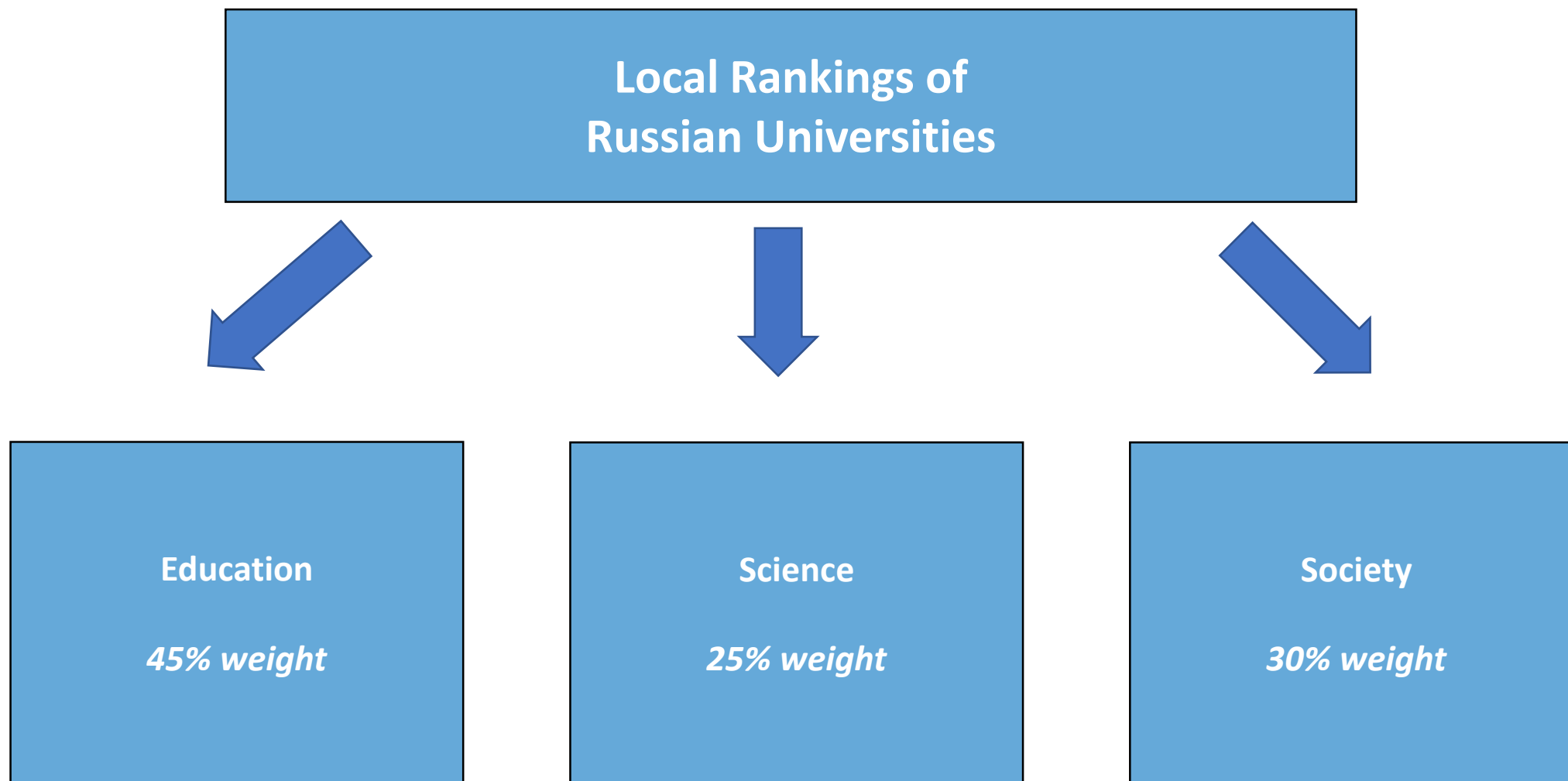
# Local Rankings of Russian Universities (Federal Districts)



# Characteristics

- ✓ Local Rankings independently assess the performance of a wide range of regional and specialized universities based on the realization of their educational and scientific potential as well as impact on social environment.
- ✓ National leaders (universities included in MosIUR or RAEX-100) are excluded.
- ✓ Local rankings are **based exclusively on objective data** from independent sources and do not use questionnaires or online surveys.
- ✓ Special attention is paid to conditions for **training high-quality staff and regional significance of the university**: some criteria traditionally important for global rankings (scientific publications, citations, international integration) are given less weight.
- ✓ A total of 8 rankings are published, according to the number of Federal Districts of Russia.

# Ranking Model



# Criteria

## Education:

- Quality of enrolled applicants
- Staffing capacity
- Competitiveness (MA level)
- Diversity of knowledge provided by the university (number of courses offered)
- Funding
- Students' performance at Russian Student Competitions

## Science:

- Total and research budget
- Publications and citations according to Web of Science and Russian Science Citation Index databases
- Postgraduate and internship opportunities
- Number of completed theses and dissertations

## Society:

- Contribution to personnel training for the region
- Share of enrolled contract students
- First-year students from other regions
- Implementation of additional educational and professional programmes
- University's website traffic and followers on social media
- Media mentions
- Share of extrabudgetary funding
- Number of MOOCs
- Sporting achievements

# Data Sources

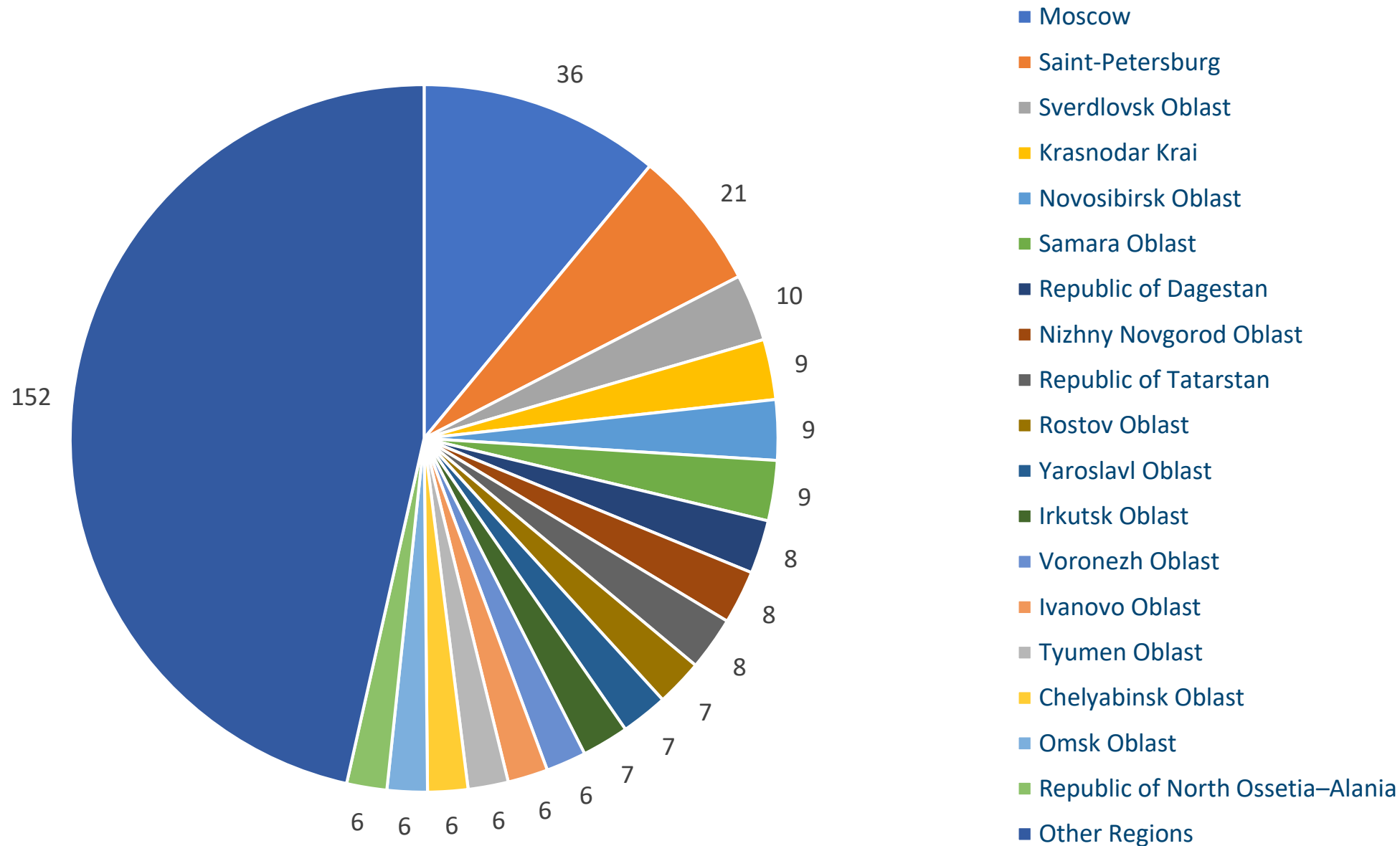
- Statistics from the Ministry of Education and Science of the Russian Federation
- Bibliometric data from Clarivate Analytics
- **Student competitions i.e. "I am a professional", "Young professionals" (WorldSkills Russia)**
- Facebook, VK, Instagram, YouTube, Telegram
- **All-Russian student Olympiads**
- Alexa web traffic analytics company
- SCAN-Interfax mass media and social media monitoring system

# Universities from Federal Districts in the Ranks (2021)

Federal District	Universities in Local Rankings	Universities in RAEX-100	Universities in MosIUR 2021	Full-time students at universities included in the Local Ranking
Central	91	46	45	193 678
Volga	59	13	21	207 670
Siberian	38	10	15	135 136
Northwestern	35	14	14	113 838
Southern	28	5	8	99 026
North Caucasian	26	3	1	72 410
Ural	25	6	5	73 556
Far Eastern	25	3	3	61 886

In 2021, a total of 327 universities from 79 constituent entities of the Russian Federation were included in the 8 Local Rankings (by Federal Districts).

# Universities from Russian Regions in the Ranking



# Top Universities in Federal Districts (2021)

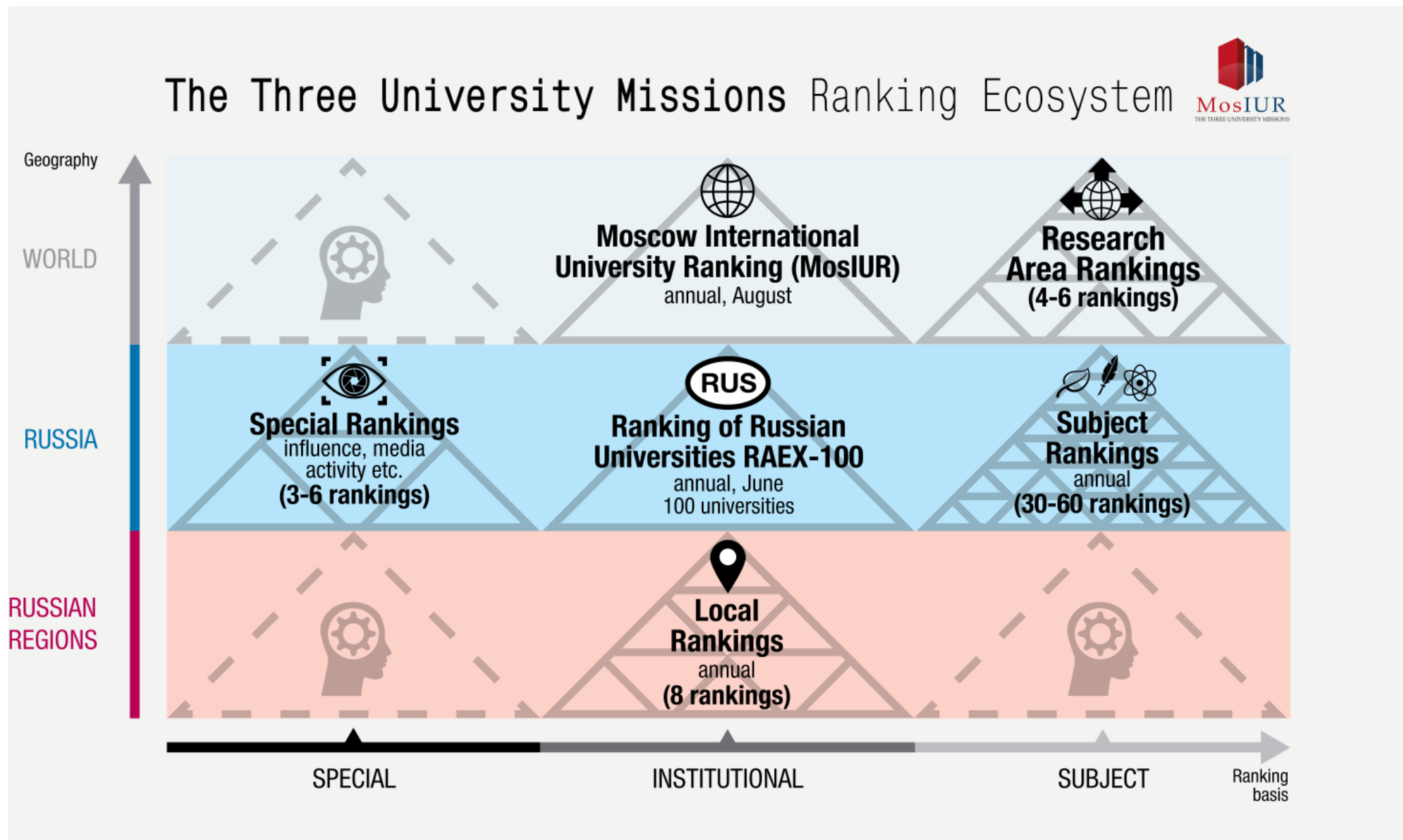
Far Eastern Federal District		
Rank		Region
1	Far Eastern State Medical University	Khabarovsk Krai
2	Chita State Medical Academy	Zabaykalsky Krai
3	Pacific State Medical University	Primorsky Krai
Volga Federal District		
1	Innopolis University	Republic of Tatarstan
2	Privolzhsky Research Medical University	Nizhny Novgorod Oblast
3	Nizhny Novgorod State Technical University	Nizhny Novgorod Oblast
Northwestern Federal District		
1	Saint Petersburg National Research Academic University of the Russian Academy of Sciences	Saint-Petersburg
2	Saint Petersburg State University of Aerospace Instrumentation	Saint-Petersburg
3	Saint Petersburg State University of Industrial Technologies and Design	Saint-Petersburg
North Caucasian Federal District		
1	Stavropol State Medical University	Stavropol Krai
2	Dagestan State University	Republic of Dagestan
3	Dagestan State Medical University	Republic of Dagestan



# Top Universities in Federal Districts (2021)

Siberian Federal District		
Rank		Region
1	Novosibirsk State Medical University	Novosibirsk Oblast
2	National Research Irkutsk State Technical University	Irkutsk Oblast
3	Reshetnev Siberian State University of Science and Technology	Krasnoyarsk Krai
Ural Federal District		
1	South Ural State Medical University	Chelyabinsk Oblast
2	Khanty-Mansiysk State Medical Academy	Tyumen Oblast
3	Nosov Magnitogorsk State Technical University	Chelyabinsk Oblast
Central Federal District		
1	New Economic School	Moscow
2	Pushkin State Russian Language Institute	Moscow
3	Russian State Social University	Moscow
Southern Federal District		
1	Rostov State Medical University	Rostov Oblast
2	Kuban State Medical University	Krasnodar Krai
3	Kuban State Agrarian University	Krasnodar Krai

# Subject Rankings of Russian Universities



# Characteristics

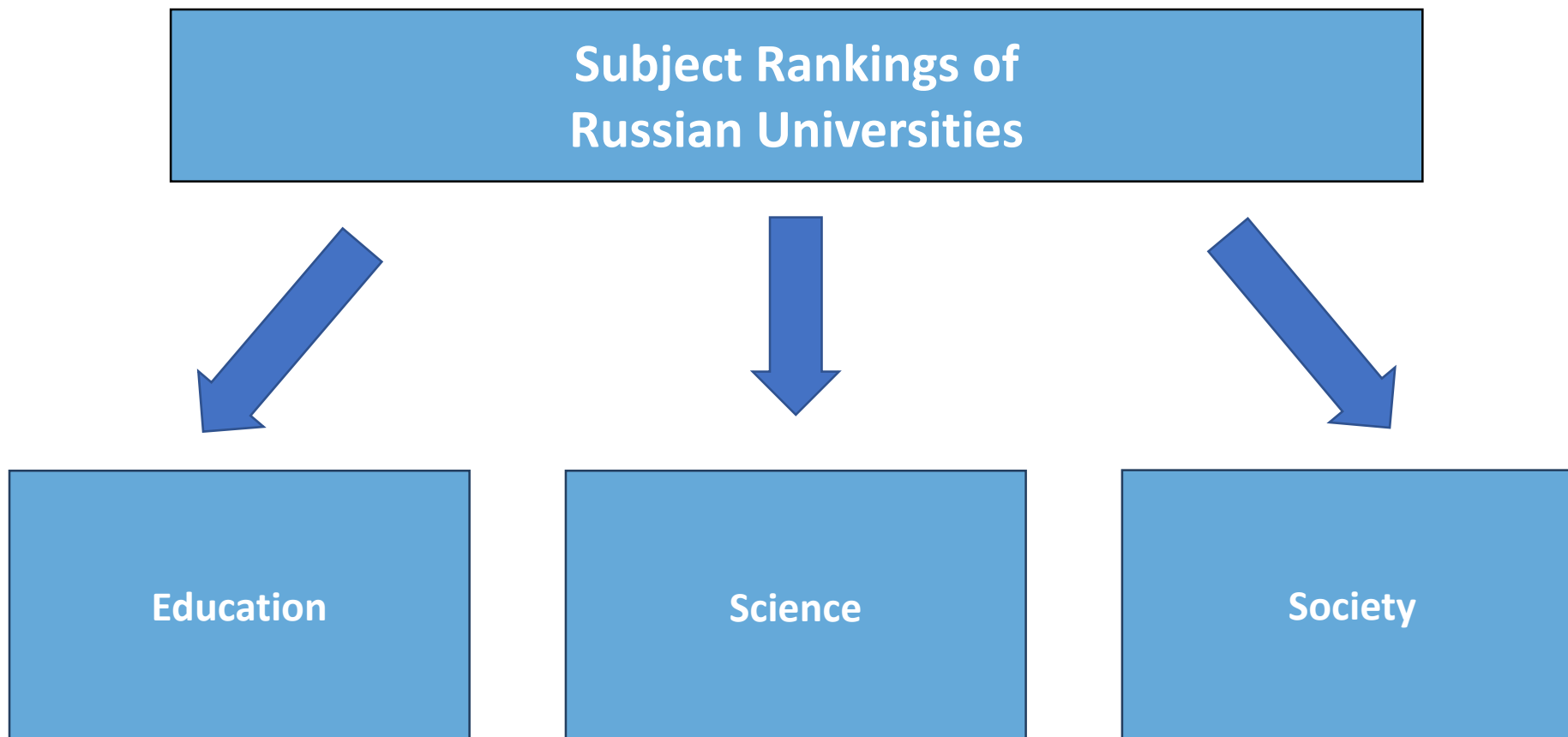
Which universities provide best educational and scientific instruction in a particular subject area, considering the contribution of universities to the social development of the country?

## Observed subject areas:

1. **Mathematics and natural sciences** (Mathematics, Physics, Biology, Chemistry, Geography)
2. **Engineering, Technology and Engineering Technologies** (Nuclear Physics and Technology, Biotechnology and Bioengineering, Informational Technology, Geology, Oil and Gas Engineering, Chemical Technology, Aerospace Engineering, Mechanics and Robotics, Materials Technology, Energy, Power Engineering and Electrical Engineering, Civil Engineering and Construction, Ecology, Light Industry, Food Technology)
3. **Health and Life Sciences** (Medicine)
4. **Social Sciences** (Economics, Management, Sociology, Law, Psychology)
5. **Education and pedagogical sciences** (Pedagogy)
6. **Humanities** (Philology and Journalism, Linguistics and Foreign Languages, History and Archaeology)

**Total — 29 subject areas**

# Ranking Model



# Weights

Subject area	Subjects	Education	Science	Society
Mathematical, natural and engineering sciences 1	Mathematics, Physics, Biology, Nuclear Physics and Technology, Biotechnology and Bioengineering, Informational Technology	40%	35%	25%
Mathematical, natural and engineering sciences 2	Chemistry	40%	35%	25%
Mathematical, natural and engineering sciences 3	Geography	40%	35%	25%
Engineering and technical sciences 1	Geology, Oil and Gas, Chemical Technology, Aerospace Engineering, Mechanics and Robotics, Materials Technology, Energy, Power Engineering and Electrical Engineering, Civil Engineering and Construction, Ecology	40%	35%	25%
Engineering and technical sciences 2	Light Industry, Food Technology	40%	35%	25%
Social sciences and humanities 1	Philology and Journalism, Psychology, Law, Sociology, Economics, Management	50%	25%	25%
Social sciences and humanities 2	Linguistics and Foreign languages, History and Archeology	50%	25%	25%
Pedagogy	Pedagogy	50%	25%	25%
Medicine	Medicine	40%	30%	30%

# Criteria

## Education:

- Quality of enrolled applicants
- Staffing capacity
- Competitiveness
- Funding
- Students' performance at Russian Student Competitions
- Number of MOOCs

## Science:

- Publications and citations according to Web of Science, Scopus and Russian Science Citation Index databases
- Research income scaled by the scope of research
- Postgraduate and internship opportunities
- Number of completed theses and dissertations
- Share of extrabudgetary sources in total research and development expenditure

## Society:

- Contribution to personnel training for the region
- Share of enrolled students per subject (nationwide)
- Share of enrolled contract students
- First-year students from other regions
- Income from VET programmes and number of VET students
- Diversity of knowledge provided by the university (number of courses offered)
- University's website traffic and followers on social media
- Media mentions

# Data Sources

- Statistics from the Ministry of Education and Science of the Russian Federation
- **Class Central MOOC aggregator**
- **Open Education platform**
- Bibliometric data from Clarivate Analytics and Scopus
- **Data from the All-Russian Olympiad of students "I am a Professional"**
- Facebook, VK, Instagram, YouTube, Telegram
- Alexa web traffic analytics company
- SCAN-Interfax mass media and social media monitoring system

# Medal Count

Rank	University	Total	Gold	Silver	Bronze
1	Lomonosov Moscow State University	17	12	1	4
2	Saint Petersburg State University	13	1	8	4
3	National Research University Higher School of Economics	9	4	2	3
4	Ural Federal University	5	0	1	4
5	Tomsk Polytechnic University	4	2	1	1
6	Saint-Petersburg Mining University	3	1	2	0
7	National Research Nuclear University MEPhI	3	1	0	2
8	Moscow Institute of Physics and Technology	3	0	3	0
9-10	ITMO University	3	0	0	3
9-10	Kazan Federal University	3	0	0	3



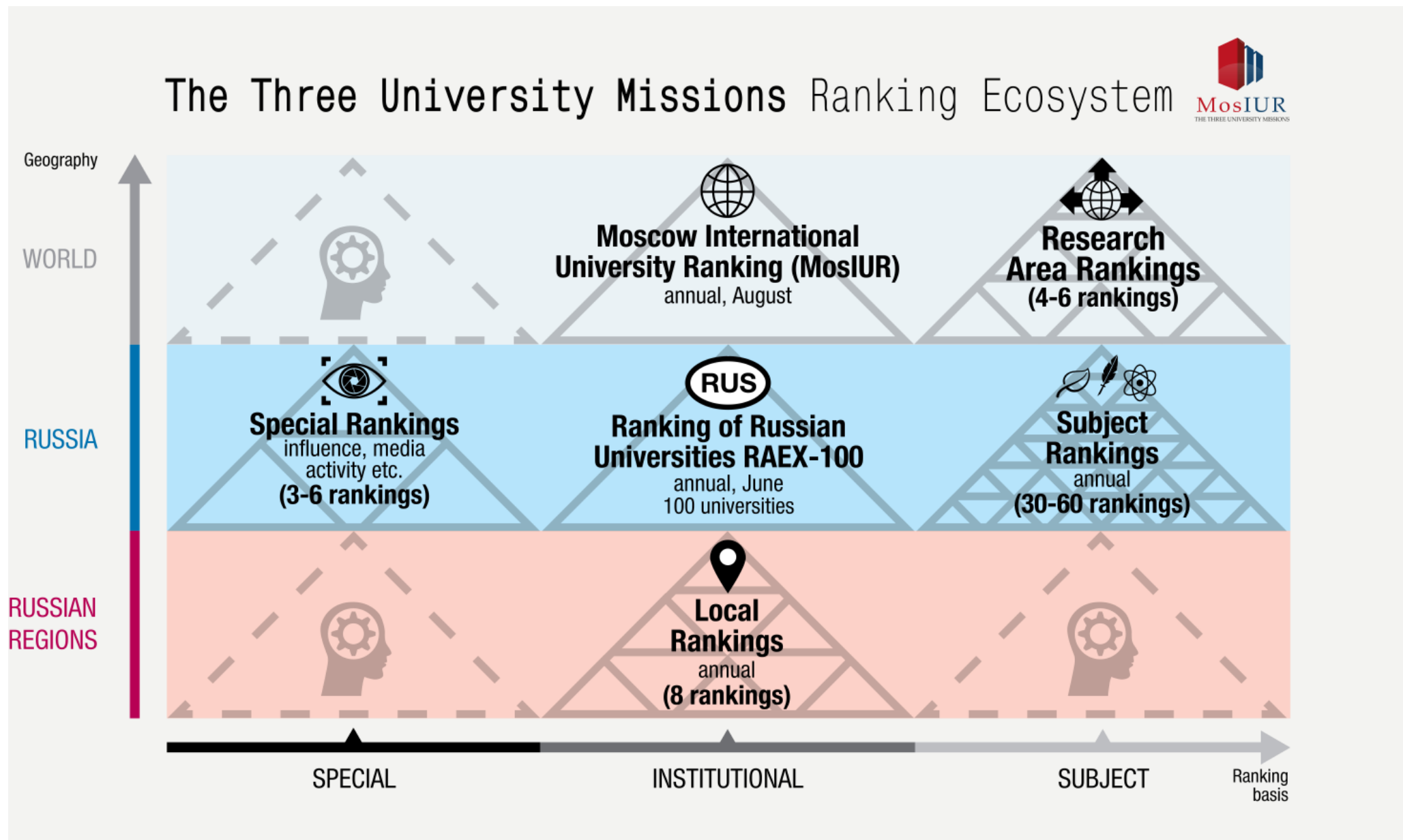
# Top Universities (2021)

Rank	University	Number of subject rankings where the university is represented
1	Ural Federal University	21
2	Kazan Federal University	20
3-4	Southern Federal University	19
3-4	Far Eastern Federal University	19
5-6	Lomonosov Moscow State University	18
5-6	RUDN University	18
7	Tomsk State University	17
8-9	Saint Petersburg State University	16
8-9	Siberian Federal University	16
10	Peter the Great St. Petersburg Polytechnic University	15
11	Novosibirsk State University	13
12-13	Tomsk Polytechnic University	12
12-13	North Caucasus Federal University	12
14	National Research University Higher School of Economics	11
15-17	Bauman Moscow State Technical University	9
15-17	Perm National Research Polytechnic University	9
15-17	South Ural State University	9

# University Leaderboard (2021)

University	First rank in corresponding subject areas
Lomonosov Moscow State University	Mathematics, Physics, Chemistry, Biology, Geography, Geology, Ecology, Biotechnology and Bioengineering, Philology and Journalism, Linguistics and Foreign Languages, History and Archaeology
National Research University Higher School of Economics	Economics, Management, Sociology, Psychology
Bauman Moscow State Technical University	Aerospace Engineering, Mechanics and Robotics
Tomsk Polytechnic University	Chemical Technology, Energy, Power Engineering and Electrical Engineering
Kazan National Research Technical University	Light Industry
Moscow City Teachers' Training University	Pedagogy
Moscow State University of Civil Engineering	Civil Engineering and Construction
National University of Science and Technology	Materials Technology
National Research Nuclear University MEPhI	Nuclear Physics and Technology
Sechenov University	Medicine
Saint-Petersburg Mining University	Oil and Gas
Saint Petersburg State University	Law
North Caucasus Federal University	Food Technology

# The “Three University Missions” Ranking Ecosystem





**Thank you!**

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