

Recommendations on application of the template methodology for multidimensional ranking of the higher education institutions

According to international and Russian expert community the methodology should be applied for a comprehensive analysis and assessment of the HEIs in their diversity enabling comparison and benchmarking, and enhancing Russian higher education system competitiveness through support to planning and strategic development of the HEIs; identification of strengths and weaknesses of the HEIs, their comparative assessment with competitors, HEIs' strategic development planning and increasing their competitiveness; constructing special rankings, for example, using the set of five "excellence indicators" to assess leading universities or 13 indicators of global rankings to increase universities' competitiveness in the global higher education area.

General recommendations

1. Multidimensional ranking provides a comprehensive assessment of HEIs' key functions.
2. The results of multidimensional ranking include analysis of HEI's strengths and weaknesses and recommendations for strengthening HEI's performance on certain functions.
3. The results of a special ranking on 13 global indicators include analyses of HEI's potential in integration into global academic rankings and recommendations for strengthening its position in a global higher education area.
4. The results of a special ranking on "excellence indicators" can be used to identify HEIs' leadership potential, increase HEIs' competitiveness in a national higher education area, make policy decisions on developing leading universities.

The multidimensional ranking outcomes provide a basis for developing strategic plans and recommendations for positioning and developing universities' brand in a national and global higher education area.

Practical steps for participation in multidimensional ranking

- I. Conduct analysis of HEI's performance and assess feasibility of data collection on the indicators used in the methodology taking into account that additional information on HEI's profile will be required.
- II. Allocate HEI's staff, who will be responsible for data collection and liaising with ranking developers.
- III. Receive a questionnaire for data submission.
- IV. Receive necessary recommendations and methodological comments on data submission (failure of presenting data on some indicators will lead to downgrading position of a university or exclusion a HEI from ranking).
- V. Collect and present data to ranking developers (it should be taken into account that additional data on HEI's profile is also collected).
- VI. Keep contact with ranking developers to verify data.
- VII. Receive ranking results.
- VIII. Conduct analysis of ranking results.
- IX. Create systems for supporting the evaluation areas/indicators within universities.
- X. Expand the network of experts responsible for collecting data on the indicators used in the methodology.

Methodological recommendations on data presentation for multidimensional ranking

HEIs present information on the following semantic modules:

- HEI's profile;
- Students, postgraduate students, attendees of education programmes;
- Academic staff, researchers and other staff;
- Educational programmes;
- Bibliometry;
- Budget.

Higher education institution profile includes indicators that provide general information on HEI:

A1 – Name;

A2 – Type (college, institute, university, academy);

A3 – Category (federal university, national research university, etc.)

A4 – Group (classical university, technical university, pedagogical university, economics and law HEIs, medical, agricultural, culture and art, physical education and sport)

A5 – Affiliation (RF Government, Ministry of Education and Science, Ministry of Health, Ministry of Agriculture, Ministry of Culture, Ministry of Sport, Tourism and Youth Policy, Federal Agency for Transport, Federal Agency for Fishery).

A6 – Organisational and Legal form (State or private education institution).

A7 – Federal district, RF (Far East, Volga, North-Western, North-Caucasian, Siberian, Ural, Central South).

A8 – RF subject (region, krai, republic)

A16 - Education and research facilities

A17 - Accommodation facilities

A18 - Library collection

Data for group A indicators can be received from documents available in open access. The Federal law on “Education” specifies types and categories of higher education institutions. The RF Constitution defines the structure of the federal executive structures. A HEI's affiliation is specified by HEI's foundation documents. Organisational and legal forms of higher education institutions are described in the classification system developed by the Ministry of Education and Science of the RF. The territory belonging of HEIs can be identified by the Presidential Decree N 849 from 13 May 2000 "President's Representative in the Federal District" and the RF Constitution.

More detailed information on HEI profile can be obtained from the system that collects statistical information on higher education institutions, and data provided by universities for accreditation purposes. Information on Federal universities and National Research universities can be received from the universities' development programmes. However, existing databases have limitations.

Data sources for group A indicators are, as follows:

- Data provided by HEIs for accreditation purposes;
- HEIs' internal data

Module “*Students, postgraduate students, attendees of educational programmes*” includes indicators on numbers of these students and their involvement in universities' activities (educational, research, international, knowledge transfer and engagement with regional stakeholders).

A9.1a - Number of bachelor students (full-time, part-time, distance-learning) (persons). It is required to indicate the total number of bachelor students (full-time, part-time, distance-learning

programmes) in the previous academic year (as of 1st October previous year to 30th September current year).

A9.1b – Number of master students (persons) in the previous academic year (as of 1st October previous year to 30th September current year).

A9.1c - Number of students in specialist programmes (persons). It is required to indicate the total number of students in specialists programmes (full-time, part-time, distance-learning programmes) in the previous academic year (as of 1st October previous year to 30th September current year).

B14.1 - Number of full-time students who participated in research in the previous academic year (persons). It is required to indicate the total number of full-time students who participated in research in the previous academic year (as of 1st October previous year to 30th September current year).

B14.2 - Number of full-time students in the previous academic year (persons). It is required to indicate the total number of full-time students in the previous academic year (as of 1st October previous year to 30th September current year).

C3.1 - Number of applicants admitted by the results of national education Olympiads (competitions) in the previous academic year (persons). It is required to indicate the number of applicants admitted to bachelor and specialist programmes in the previous academic year (as of 1st October previous year), including winners of:

- All-Russian education Olympiad, organized by the Ministry of Education and Science (www.rosolymp.ru);
- All-Russian Olympiad coordinated by the Russian Association of School Olympiads (www.rsf-olymp.ru)

C3.2 - Number of admitted applicants in the previous academic year (persons) (as of 1st October previous year).

C5.1 - Number of graduates who were enrolled in PhD programmes in the previous academic year (persons). It is required to indicate the total number of graduates (full-time study) who were enrolled in PhD programmes in the previous academic year.

C5.2 - Number of graduates (full-time, part-time study, distance-learning programmes) in the previous academic year (persons). It is required to indicate the total number of graduates (full-time study, part-time study, distance-learning programmes) in the previous academic year (as of 1st October previous year to 30th September current year).

C12 - Number of PhD students (all programmes) in the previous academic year (persons). It is required to indicate the total number of PhD students (all programmes) in the previous academic year (as of 1st October previous year to 30th September current year).

C6.1 - Number of HEI students admitted to full-time master programmes in the previous academic year (persons). It is required to indicate the total number of PhD students (all programmes) in the previous academic year (as of 1st October previous year to 30th September current year).

C6.2 - Number of HEI students admitted to full-time bachelor programmes in the previous academic year (persons). It is required to indicate the total number of students admitted to full-time bachelor programmes in the previous academic year (as of 1st October previous year to 30th September current year).

C17.1 - Number of graduates (holders of bachelor and specialist degree) from other universities admitted to master programmes in the previous academic year (persons). It is required to indicate the total number of graduates from other universities admitted to master programmes in the previous academic year (as of 1st October previous year).

C17.1a - Number of full-time international students from CIS countries in the previous academic year (persons). It is required to indicate the total number full-time international students from CIS countries in the previous academic year (as of 1st October previous year to 30th September current year).

C17.1b - Number of part-time international students from CIS countries in the previous academic year (persons). It is required to indicate the total number part-time international students from CIS countries in the previous academic year (as of 1st October previous year to 30th September current year).

C17.1c - Number of international students from CIS countries (off-campus education) in the previous academic year (persons). It is required to indicate the total number of international students from CIS countries (off-campus education) in the previous academic year (as of 1st October previous year to 30th September current year).

C17.1d - Number of international students from CIS countries (external studies) in the previous academic year (persons). It is required to indicate the total number of international students from CIS countries (external studies) in the previous academic year (as of 1st October previous year to 30th September current year).

C17.1e - Number of full-time international students (non-CIS countries) in the previous academic year (persons). It is required to indicate the total number full-time international students (non-CIS countries) in the previous academic year (as of 1st October previous year to 30th September current year).

C17.1f - Number of part-time international students (non-CIS countries) in the previous academic year (persons). It is required to indicate the total number part-time international students (non-CIS countries) in the previous academic year (as of 1st October previous year to 30th September current year).

C17.1g - Number of international students from non-CIS countries (off-campus education) in the previous academic year (persons). It is required to indicate the total number of international students from non-CIS countries (off-campus education) in the previous academic year (as of 1st October previous year to 30th September current year).

C17.1h - Number of international students from non-CIS countries (external studies) in the previous academic year (persons). It is required to indicate the total number of international students from non-CIS countries (external studies) in the previous academic year (as of 1st October previous year to 30th September current year).

C23.1 Number of students who studied abroad within interuniversity agreements in the previous academic year (persons). It is necessary to indicate the total number of students who studied abroad within interuniversity agreements in the previous academic year (as of 1st October previous year to 30th September current year).

B17 - Number of mobile PhD students who visited foreign universities for upgrading their professional skills in the previous academic year (persons). It is required to indicate the total number of mobile PhD students who visited foreign universities for upgrading their professional skills in the previous academic year (as of 1st October previous year to 30th September current year).

C22.1 - Number of students who studied in programmes implemented in cooperation with international partners in the previous academic year (persons). It is required to indicate the total number of students who studied in programmes implemented in cooperation with international partners (higher education institutions, research organizations, enterprises) in the previous academic year (as of 1st October previous year to 30th September current year) including programmes: awarding degrees of Russian and foreign university/ies;

awarding degree of a Russian university; other joint education programmes.

D4.1a - Number of specialists who received off-job training in the previous financial year (persons). It is required to indicate the total number of specialists who received off-job training in the previous financial year, including programmes: professional development (more than 72 academic hours), professional retraining (more than 500 academic hours).

D4.1b - Number of specialists who received off-job and in-service training in the previous financial year (persons). It is required to indicate the total number of specialists who received

off-job and in-service training in the previous financial year, including programmes: professional development (more than 72 hours), professional retraining (more than 500 hours).

D4.1c - Number of specialists who received in-service training in the previous financial year (persons). It is required to indicate the total number of specialists who received in-service training in the previous financial year, including programmes: professional development (more than 72 hours), professional retraining (more than 500 hours).

D8.1 - Number of students who did internships in regional organizations and enterprises in the previous academic year (persons). It is required to indicate the total number of students who did internships in regional organizations and enterprises in the previous academic year (as of 1st October previous year to 30th September current year).

Module “Academic, staff, researchers and other staff” include indicators of staff numbers and their engagement in various university activities (research, teaching, internationalization, knowledge transfer and engagement with regional stakeholders).

A10.1a - Number of academic staff in the previous academic year. It is required to indicate the total number of full-time academic staff in the previous academic year (as of 1st October previous year to 30th September current year) including: heads of faculties; heads of departments; professors; associate professors; senior lecturers; lecturers, teaching assistants.

A11.1a - Number of non-academic staff in the previous academic year. It is required to indicate the total number of non-academic staff, including: engineering and technical personnel; administrative staff; service personnel; support education staff; support personnel in the previous education year (as of 1st October previous year to 30th September current year).

A13.1a - Number of researchers in the previous academic year. It is required to indicate the total number of researchers in the previous academic year (as of 1st October previous year to 30th September current year).

C8.1 - Number of full-time academic staff under 35 y.o. who won prestigious national grants and awards in the previous academic year. It is required to indicate the total number of full-time academic staff under 35 y.o., including: heads of the faculties; heads of departments; professors; - associate professors; senior lecturers; lecturers, teaching assistants who won awards: RF President, Governor, RF Subject, Potanin Fund, other awards from well-known organizations or funds in the previous academic year (as of 1st October previous year to 30th September current year).

C8.2a - Number of academic staff under 35 y.o. in the previous academic year. It is required to indicate the total number of academic staff under 35 y.o. in the previous academic year (as of 1st October previous year to 30th September current year).

C9.1 - Number of full-time academic staff who are members or associate members of the Russian Academy of Sciences since 2001 (persons).

C9.1 - Number of full-time academic staff and researchers who won national and international awards since 2001 (persons). It is required to indicate the total number of academic staff and researchers who won national and international awards since 2001 (Nobel Prize, Fields Prize, National RF Prize, Lomonosov Gold Medal and others).

C14.1 - Number of full-time academic staff and researchers who defended their doctorate theses in the previous academic year (persons). It is required to indicate the total number of full-time academic staff and researchers who defended their doctorate theses in the previous academic year (as of 1st October previous year to 30th September current year).

C18.1 - Number of international academic staff and specialists in the previous academic year (persons). It is required to indicate the total number of international academic staff and specialists in the previous academic year (as of 1st October previous year to 30th September current year).

D20.1a - Number of full-time academic staff who have been invited as lectures to CIS countries universities in the previous academic year (persons). It is required to indicate the total number of full-time academic staff who have been invited to CIS countries universities (training or

teaching) in the previous academic year (as of 1st October previous year to 30th September current year).

C20.1b - Number of full-time academic staff who participated in study placements or taught in non-CIS countries universities in the previous academic year (persons). It is required to indicate the total number of full-time academic staff who have been invited to non-CIS countries universities (training or teaching) in the previous academic year (as of 1st October previous year to 30th September current year).

C19.1 - Number of full-time academic staff holding MSc and/or PhD degrees from foreign universities in the previous academic year (persons). It is required to indicate the total number of full-time academic staff holding Ms and/or PhD degrees from foreign universities in the previous academic year (as of 1st October previous year to 30th September current year).

Module "*Educational programmes*" includes information on education programmes and their quality.

A12.1a - Number of specialist programmes in the previous academic year (items). It is required to indicate the total number of specialist programmes in the previous academic year (as of 1st October previous year to 30th September current year).

A12.1b - Number of bachelor programmes in the previous academic year (items) It is required to indicate the total number of bachelor programmes in the previous academic year (as of 1st October previous year to 30th September current year).

A12.1c - Number of master programmes in the previous academic year (items). It is required to indicate the total number of master programmes in the previous academic year (as of 1st October previous year to 30th September current year).

A14.1 - Number of PhD programmes in the previous academic year (items) It is required to indicate the total number of PhD programmes in the previous academic year (as of 1st October previous year to 30th September current year). It is necessary to take into account regulations by Ministry of Education and Science from 25.02.2009 № 59 on classification of PhD programmes.

A15.1 - Number of doctorate programmes in the previous academic year (items). It is required to indicate the total number of doctorate programmes in the previous academic year (as of 1st October previous year to 30th September current year). It is necessary to take into account regulations by Ministry of Education and Science from 25.02.2009 № 59 on classification of doctorate programmes.

C1.1 - Number of education programmes accredited by international accreditation agencies in the previous education year (items). It is required to indicate the total number of education programmes accredited by international accreditation agencies in the previous education year (as of 1st October previous year to 30th September current year).

C2.1 - Number of education programmes enrolling students with high Unified State Examination scores in the previous academic year (items). It is required to indicate the total number of education programmes enrolling students with a score of 70 and higher (for each subject) for Unified State Examination.

C13.1 - An average Unified State Examination score of applicants admitted to HEI in the previous academic year (score). It is required to indicate an average Unified State Examination score of applicants admitted to HEI in the previous academic year (all programmes, all modes of study).

C21.1 - Number of education programmes implemented in collaboration with international partners in the previous academic year (items). It is required to indicate the total number of education programmes implemented in collaboration with international partners (international HEI, research organizations, enterprises) in the previous academic year (as of 1st October previous year to 30th September current year).

D3.1 - Number of education programmes implemented at the request of third party organisations (industry enterprises) in the previous academic year (items) It is required to indicate the total number of education programmes implemented at the request of third party organizations

(industry enterprises) in previous academic year (as of 1st October previous year to 30th September current year).

Module “Bibliometry” contains information on publication activity and HEI’s citations. Such databases as Russian e-library, Scopus, Web of Science are used for data collection. The data includes publications per one year (calendar). Calculations are made at the moment of data submission.

B2.1 - Number of citations in the Russian e-library in the previous calendar year (items).

B3.1 - Number of citations in Scopus in the previous calendar year (items).

B4.1 - Number of citations in Web of Science in the previous calendar year (items).

B2.2 - Number of publications by academic staff in the previous calendar year (items)

B8.1 - Number of publications by academic staff in the Russian e-library in the previous calendar year (items).

B9.1 - Number of publications by academic staff in Scopus in the previous calendar year (items).

B10.1 - Number of publications by academic staff in Web of Science in the previous calendar year (items).

The last module “*Budget*” includes data on economic and finance performance.

B1.1a - Funds for fundamental research allocated from HEI own resources in the previous financial year (thousand rubles).

B1.2 - Institution's total expenditure in the previous financial year (thousand rubles).

B11.1a - Funds for fundamental research received by HEI in the previous financial year (thousand rubles). It is required to indicate the total amount of finance for fundamental research received by the institution in the previous financial year (including funding from the Ministry of Education and Science, other ministries, Russian research organizations and funds, local authorities and enterprises, international organizations etc.)

B11.1b - Funds for applied research received by HEI in the previous financial year (thousand rubles). It is required to indicate the total amount of finance for applied research received by the institution in the previous financial year (including finance from Ministry of Education and Science, other ministries, Russian research organizations and funds, local authorities and enterprises, international organizations etc.).

B11.2 - Total institution's income in the previous financial year (thousand rubles). It is required to indicate total institution's income in the previous financial year (including budgetary funding, funding received to conduct research and for provision of education services).

B12.1 - Number of national research grants (Russian Humanitarian Fund, Russian Foundation for Basic Research) won in the previous year (items). It is required to indicate the total number of grants (grant contracts) (Russian Humanitarian Fund, Russian Foundation for Basic Research) won in the previous year.

B13.1 - Total amount of funding from Russian research grants (Russian Humanitarian Fund, Russian Foundation for Basic Research) in the previous year (thousand rubles). It is required to indicate the total amount of funding within grants received from national funds (Russian Humanitarian Fund, Russian Foundation for Basic Research) in the previous year.

C10.1 - Expenditure on facilities and infrastructure for provision of education services in the previous academic year (thousand rubles). It is required to indicate expenditure on facilities and infrastructure (library, IT, etc.) for provision of education services in the previous academic year.

C16.1 - Budgetary funds allocated for provision of education services in the previous financial year (thousand rubles). It is required to indicate the total amount of budgetary funds allocated for education services provision in the previous financial year.

B15.1 - Number of international research grants won in the previous year (items). It is required to indicate the total number of international research grants won by the institution in the previous year.

B16.1 - Total amount of funding from international grants won in the previous financial year (thousand rubles). It is required to indicate the total amount of funding from international grants

(research grants from international funds) received by the institution in the previous financial year.

D5.1- Income from international sources in the previous financial year (thousand rubles). It is required to indicate income from international sources (contracts with international organizations) in the previous financial year excluding data from B16.1.

D1.1 - Income from education services from Russian non budgetary sources in the previous financial year (thousand rubles). It is required to indicate income from education services from Russian non budgetary sources in the previous financial year.

D1.2 - Income from research received from Russian non budgetary sources in the previous financial year (thousand rubles). It is required to indicate income from research received from Russian non budgetary sources in the previous financial year.

D2.1 - Income from intellectual property products in the previous financial year (thousand rubles). It is required to indicate income from intellectual property products (inventions, know-how, innovation proposals) in the previous financial year.

D6.1 - Income from regional sources in the previous financial year (thousand rubles). It is required to indicate the total amount of funding received by HEI from contracts with regional organizations, institutions, enterprises in the previous financial year.

D7.1 - Number of research contracts with regional partners in the previous financial year (items). It is required to indicate the total number of research contracts with regional partners in the previous financial year.

Data sources are statistical systems: HPE-1; HPE-2 (higher education statistics systems) and national Accreditation Agency. Some data are collected by higher education institutions.

The list of indicators and data sources are indicated in the next section of the recommendations.

Indicators list

| RESEARCH | | | | |
|----------|----|-----------|--|---|
| № | | Indicator | Indicator, Group B | Source |
| 1. | 1. | B1 | Funds for research allocated from institution's own resources | National Accreditation Agency |
| 2. | 2. | B2 | Number of citations per academic staff in e-library | Russian e-library Higher Education Statistics System |
| 3. | 3. | B3 | Number of citations per academic staff in Scopus | Scopus Higher Education Statistics System |
| 4. | 4. | B4 | Number of citations per academic staff in Web of Science | Web of Science Higher Education Statistics System |
| 5. | 5. | B5 | Number of citations per paper in Russian e-library | Russian e-library HEIs data |
| 6. | 6. | B6 | Number of citations per paper in Scopus | Scopus HEIs data |
| 7. | 7. | B7 | Number of citations per paper in Web of Science | Web of Science HEIs data |
| 8. | 8. | B8 | Number of publications per academic staff in Russian e-library | Russian e-library Higher Education Statistics System |
| 9. | 9. | B9 | Number of publications per academic staff in Scopus | Scopus Higher Education Statistics System |

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|------------------------------|-----|------------------|---|--|
| 10. | 10. | B10 | Number of publications per academic staff in Web of Science | Web of Science Higher Education Statistics System |
| 11. | 11. | B11 | Research income | National Accreditation Agency |
| 12. | 12. | B12 | Number of Russian research grants won (Russian Humanitarian Fund, Russian Foundation for Basic Research) | HEIs data |
| 13. | 13. | B13 | Total amount of funding from Russian research grants (Russian Humanitarian Fund, Russian Foundation for Basic Research) | HEIs data |
| 14. | 14. | B14 | Number of full-time students who participated in research | National Accreditation Agency |
| 15. | 15. | B15 | Number of international research grants won | HEIs data |
| 16. | 16. | B16 | Total amount of funding from international research grants won | HEIs data |
| 17. | 17. | B17 | Ratio of PhD students participated in Доля аспирантов, участвовавших в зарубежных стажировках | National Accreditation Agency HEIs data |
| TEACHING AND LEARNING | | | | |
| № | | Indicator | Indicator, Group C | Source |
| 18. | 1. | C1 | Proportion of internationally accredited education programmes | National Accreditation Agency |
| 19. | 2. | C2 | Proportion of programmes enrolling students with high Unified State Examination scores | HEIs data |

| | | | | |
|-----|-----|-----|--|---|
| 20. | 3. | C3 | Proportion of applicants who won national education Olympiads (competitions) | Higher Education Statistics System HEIs data |
| 21. | 4. | C4 | Proportion of students who won prestigious scholarships | HEIs data |
| 22. | 5. | C5 | Proportion of graduates who were enrolled in PhD programmes in the previous academic year | Higher Education Statistics System HEIs data |
| 23. | 6. | C6 | Ratio of students who were enrolled in master programmes to students who were enrolled in bachelor programmes | Higher Education Statistics System HEIs data |
| 24. | 7. | C7 | Ratio of graduates (holders of bachelor and/or specialist degree) from other universities who were enrolled in master programmes) | Higher Education Statistics System HEIs data |
| 25. | 8. | C8 | Ratio of full-time young academic staff under 35 y.o. who won prestigious national grants and awards to the total number of full-time academic staff under 35 y.o. | Higher Education Statistics System HEIs data |
| 26. | 9. | C9 | Proportion of academic staff who are members or associate members of the Russian Academy of Sciences | HEIs data |
| 27. | 10. | C10 | Expenditures on facilities and infrastructure (for education provision) | National Accreditation Agency |
| 28. | 11. | C11 | Number of full-time academic staff and researchers who won national and international awards | HEIs data |
| 29. | 12. | C12 | Number of PhD students | National Accreditation Agency |
| 30. | 13. | C13 | An average Unified State Examination score of admitted applicants | HEIs data |

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|-------------------|------------------|---------------------------|---|---|
| 31. | 14. | C14 | Number of academic staff and researchers who defended their doctorate theses | HEIs data |
| 32. | 15. | C15 | Ratio of students to academic staff | Higher Education Statistics System |
| 33. | 16. | C16 | Funds for education services provision | HEIs data |
| 34. | 17. | C17 | Ratio of international students | Higher Education Statistics System National Accreditation Agency |
| 35. | 18. | C18 | Number of international academic staff | Higher Education Statistics System |
| 36. | 19. | C19 | Ratio of academic staff with degree/diploma from foreign universities | Higher Education Statistics System National Accreditation Agency |
| 37. | 20. | C20 | Proportion of academic staff invited as lecturers by foreign universities | Higher Education Statistics System National Accreditation Agency |
| 38. | 21. | C21 | Proportion of education programmes implemented in collaboration with international partners | National Accreditation Agency HEIs data |
| 39. | 22. | C22 | Proportion of students who studied in programmes implemented in collaboration with international partners | HEIs data |
| 40. | 23. | C23 | Ratio of students who studied abroad to the total number of students | Higher Education Statistics System National Accreditation Agency |
| THIRD ROLE | | | | |
| № | Indicator | Indicator, Group D | Source | |

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|-----|----|----|--|-------------------------------|
| 41. | 1. | D1 | Proportion of funding received from other sources than federal budget | HEIs data |
| 42. | 2. | D2 | Income from intellectual property products | HEIs data |
| 43. | 3. | D3 | Number of education programmes implemented at the request of third party organizations | HEIs data |
| 44. | 4. | D4 | Number of specialists from third party organisations who did CPD courses | National Accreditation Agency |
| 45. | 5. | D5 | Ratio of income from international sources | National Accreditation Agency |
| 46. | 6. | D6 | Proportion of income from regional sources | HEIs data |
| 47. | 7. | D7 | Number of research contracts with regional partners | HEIs data |
| 48. | 8. | D8 | Ratio of students who did internships in regional organisations and enterprises | HEIs data |

Conclusion

The developed methodology provides various ranking results to HEIs. These results could be used by universities:

- for comprehensive analysis and performance assessment to compare, benchmark, increase competitiveness, plan and strategic development of the Russian higher education system;
- as a tool for integration of Russian higher education institutions into global higher education area;
- for developing “road maps” of leading universities development, its monitoring and implementation

It is necessary to study methodological recommendations of the questionnaire to take part in ranking.

The HEI’s profile with the ranking results enables universities to analyse their performance and identify strengths and weaknesses.