



**KYRGYZ STATE MEDICAL  
ACADEMY IM. I.K.AKHUNBAEVA**

**Approved**

**By decision of the Academic Council**

**Protocol No. 4 dated 23.12.2022**

**Approved**

**by order of the rector I.O. Kudaibergenova**

**No. 482 of 29.12.2022**

**STRATEGIC DEVELOPMENT PLAN**

**of the Kyrgyz State Medical Academy named after I.K. Akhunbaev"  
for 2023-2027 years**

**Bishkek city**

## INTRODUCTION

Effective implementation of any strategy largely depends on clear planning of activities aimed at solving the set tasks. A strategic plan defines a system of actions to achieve a desired state, which is necessary both for the administration to coordinate the actions of individual structural divisions and committees and to select priority areas for the distribution of funds, and for external investors making decisions about their development in the future.

This Plan is aimed at achieving the goals and objectives defined by the new Policy, ensuring the quality of education of the Kyrgyz State Medical Academy named after I.K. Akhunbaev (hereinafter KSMA) and the Development Strategy of KSMA for 2023-2027.

The following principles were used in developing this Action Plan:

- **Structured and focused:** tasks have been defined for each strategic direction of development, and activities have been planned for each task in all 7 strategic directions (46 tasks in total);
- **Specificity of events:** from the submitted proposals, activities formulated as goals and objectives or constituting functional responsibilities of officials, as well as activities that do not lead to a specific result in solving the assigned task, were excluded;
- **Measurability:** the expected results and indicators for tracking progress and effectiveness of implementation for each activity are specified;
- **Informativeness:** the deadlines for execution, responsible executors, and proposed sources of funding are indicated;
- **Wide discussion:** The plan was developed on the basis of proposals submitted by all structural divisions of KSMA, extensive consultation meetings with departments and structural divisions of KSMA management, the student community, as well as proposals submitted after the publication of the draft Plan on the official website of KSMA. The draft Strategy Implementation Plan was discussed at a meeting of the Council for Education Quality (21.09.2022), the Faculty Council (22.09.2022), the Rector's Council (15.12.2022), and approved at a meeting of the Academic Council (23.12.2022) with the participation of representatives of the student community and stakeholders.

This Strategic Plan is the basis for developing the general annual plan of KSMA, annual plans of all structural divisions of KSMA, as well as financial planning.

To analyze the progress and degree of achievement of the set goals and objectives of the "KSMA Development Strategy for 2023-2027", periodic reporting on this Plan is provided based on the specified indicators and expected results from all structural divisions of KSMA and individual reports of KSMA employees.

## LIST OF ABBREVIATIONS

|                                          |                                                                               |                                               |                                                                          |
|------------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------|--------------------------------------------------------------------------|
| <b>ACS</b>                               | - automated control system                                                    | <b>OVIOMR</b>                                 | - Department of educational and organizational-mass work                 |
| <b>AHC</b>                               | - Administrative and economic part                                            | <b>OOP</b>                                    | - basic educational program                                              |
| <b>GP</b>                                | - general practitioner                                                        | <b>OFERiBU</b>                                | - Department of financial and economic work and accounting               |
| <b>VSO</b>                               | - higher nursing education                                                    | <b>PPS</b>                                    | - faculty                                                                |
| <b>STATE</b>                             | - state educational standard                                                  | <b>PES</b>                                    | - Production and operational service                                     |
| <b>GUMK</b>                              | - Main Educational and Methodological Committee                               | <b>RICE</b>                                   | - editorial and publishing council                                       |
| <b>KGMA</b>                              | - Kyrgyz State Medical Academy                                                | <b>JUICE</b>                                  | - Student Human Resources Department                                     |
| <b>KR</b>                                | - Kyrgyz Republic                                                             | <b>SS</b>                                     | - Student Council                                                        |
| <b>MZ</b>                                | - Ministry of Health                                                          | <b>SUNKB</b>                                  | - Dental educational and scientific clinical base                        |
| <b>Ministry of Education and Science</b> | - Ministry of Education and Science                                           | <b>SRGS</b>                                   | - State Language Development Sector                                      |
| <b>MU</b>                                | - medical school                                                              | <b>THAT</b>                                   | - Tender department                                                      |
| <b>MUNTS</b><br><b>BMI</b>               | - Interdisciplinary educational and scientific center for biomedical research | <b>UMO</b>                                    | - Educational and methodological department                              |
| <b>MC</b>                                | - Medical center of KSMA                                                      | <b>UMK</b>                                    | - Educational and methodological complex                                 |
| <b>R&amp;D</b>                           | - research work                                                               | <b>UMP</b>                                    | - teaching aid                                                           |
| <b>NOMUS</b>                             | - Scientific society of young scientists and students                         | <b>FPMO</b>                                   | - Faculty of Postgraduate Medical Education                              |
| <b>ORP</b>                               | - general medical training                                                    | <b>CDiNO</b>                                  | - Center for Distance and Continuous Education                           |
| <b>OZ</b>                                | - organization of health care                                                 | <b>CDP</b>                                    | - Pre-university training center                                         |
| <b>OMKO</b>                              | - Department of Education Quality Management                                  | <b>Central Scientific Research Laboratory</b> | - Central Research Laboratory                                            |
| <b>Compulsory Medical Insurance</b>      | - Department of International Relations                                       | <b>CIA</b>                                    | - Language learning center                                               |
| <b>ONiKR</b>                             | - Department of scientific and clinical work                                  | <b>CRCNIOZ</b>                                | - Center for the Development of Clinical Skills and Knowledge Assessment |

|              |                                          |  |            |                                                             |
|--------------|------------------------------------------|--|------------|-------------------------------------------------------------|
| <b>OSiPO</b> | - Department of systems and software     |  | <b>AVN</b> | - automated information system                              |
| <b>OYUKR</b> | - Department of legal and personnel work |  | <b>RBL</b> | - Research Based Learning, scientifically oriented learning |

| No.        | Tasks                                                                                                                                | Events                                                                                                       | Completion date<br>(years) |      |      |      |      | Expected Result/Indicators                                                                                 | Responsible persons                                     | Sources of funding     |
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|            |                                                                                                                                      |                                                                                                              | 2023                       | 2024 | 2025 | 2026 | 2027 |                                                                                                            |                                                         |                        |
| <b>1</b>   | <b>STRATEGY1.BUILDING AN INNOVATIVE INFRASTRUCTURE MANAGEMENT SYSTEM (LEADERSHIP AND MANAGEMENT)</b>                                 |                                                                                                              |                            |      |      |      |      |                                                                                                            |                                                         |                        |
| <b>1.1</b> | <b>Rationalization of planning of needs for innovative infrastructure facilities of KSMA</b>                                         | 1.1.1. Assessment and planning of needs for innovation infrastructure facilities (revision of the structure) |                            |      |      |      |      | New structure, detailed plan for 2023                                                                      | Rectorate, OMKO                                         | Budget of KSMA         |
|            |                                                                                                                                      | 1.1.2. Revision and development of regulatory documents of KSMA in connection with the special status        |                            |      |      |      |      | Number of revised, developed documents                                                                     | Rectorate, OJUKR                                        | Budget of KSMA         |
|            |                                                                                                                                      | 1.1.3. Creation of an organizational and methodological base for managing innovation infrastructure          |                            |      |      |      |      | Number of local acts on innovation infrastructure management                                               | Rectorate, OJUKR                                        | Budget of KSMA         |
|            |                                                                                                                                      | 1.1.4. Annual planning of events and needs for innovation structure facilities                               |                            |      |      |      |      | % of structural divisions that submitted plans on time;                                                    | all structural subdivisions                             | Budget of KSMA         |
|            |                                                                                                                                      | 1.1.5. Program budgeting                                                                                     |                            |      |      |      |      | Share of budget by programs;<br>Volume (costs) of financing innovative projects.                           | OFERiBU                                                 | Budget of KSMA         |
|            |                                                                                                                                      | 1.1.6. Evaluation and selection of innovative projects                                                       |                            |      |      |      |      | Number and % of innovative projects that received funding                                                  | Rector's Council, ONiKR                                 | Budget of KSMA         |
|            |                                                                                                                                      | 1.1.7. Public discussions of needs, plans, improvement of the work of public councils of KSMA                |                            |      |      |      |      | number of meetings; % of decisions implemented                                                             | Public councils (Scientist, Trustee and other councils) | Budget of KSMA         |
| <b>1.2</b> | <b>Improving the efficiency of university management by introducing new and developing existing information systems/technologies</b> | 1.2.1. Training administrative staff in management of an innovative university                               |                            |      |      |      |      | Number of administrative workers who completed the courses                                                 | Rector's office, human resources department             | Budget of KSMA, donors |
|            |                                                                                                                                      | 1.2.2. Development of a unified form of personal report (rating indicators) and an electronic report program |                            |      |      |      |      | Installed report program;<br>% of submitted personal reports;<br>Consolidated report on KGMA by indicators | OSiPO, OMKO                                             | Budget of KSMA, donors |

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|            |                                                                                                | 1.2.3.Improvement of the automated control system (ACS/AVN): updating, implementation of new modules:                                 |  |  |  |  | Number of updated ACS modules;<br>Number of new implemented ACS modules                                 | OSiPO                     | Budget of KSMA, donors |
|            |                                                                                                | - Implementation of a module for managing the contingent of residents                                                                 |  |  |  |  | Databases of residents                                                                                  | OSiPO, FPMO               | Budget of KSMA         |
|            |                                                                                                | - Implementation of the module bynomenclature of cases and organizational and administrative documentation                            |  |  |  |  | Speed of processing and execution of tasks/decisions                                                    | OSiPO, general department | Budget of KSMA         |
|            |                                                                                                | - Implementation of the module byManagement of scientific activities                                                                  |  |  |  |  | Databases of scientific activity                                                                        | OSiPO, ONIKR              | Budget of KSMA         |
|            |                                                                                                | - Implementation of the module bypayment for training/working hours                                                                   |  |  |  |  | Timely payment, reduction of payment terms for training/working off                                     | OSiPO, OFERiBU            | Budget of KSMA         |
|            |                                                                                                | - Implementation of a module for collecting applications for the purchase of goods and services                                       |  |  |  |  |                                                                                                         | OSiPO, AHR                | Budget of KSMA         |
|            |                                                                                                | - Implementation of other new ACS modules                                                                                             |  |  |  |  |                                                                                                         | OSiPO                     | Budget of KSMA, donors |
|            |                                                                                                | 1.2.4. Updating the content of KSMA websites and pages in social networks                                                             |  |  |  |  | Number of subscribers<br>Number of site visits                                                          | OSiPO                     | Budget of KSMA         |
| <b>1.3</b> | <b>Improving the quality of personnel policy, stimulating workers in the innovation sphere</b> | 1.3.1. Organization of training of administrative personnel in courses on human resources management                                  |  |  |  |  | Number of administrative personnel trained                                                              |                           | Budget of KSMA, donors |
|            |                                                                                                | 1.3.2. Revision of the Regulation on the certification of employees                                                                   |  |  |  |  | Approved Regulation on certification;<br>level of qualification of employees/PPS                        |                           | Budget of KSMA         |
|            |                                                                                                | 1.3.3.Drawing up a typical career chart for an employee of a department/center, faculty of a department                               |  |  |  |  | Typical career charts                                                                                   |                           | Budget of KSMA         |
|            |                                                                                                | 1.3.4. Consideration of issues of material incentives for teaching staff and research workers to create innovations (royalties, etc.) |  |  |  |  | % increase in salary;<br>The amount of payments for effective innovative and research work of employees |                           | Budget of KSMA, donors |
|            |                                                                                                | 1.3.5. Development of a methodology for assessing the effectiveness of personnel management                                           |  |  |  |  | Approved Methodology for Assessing the Effectiveness of Personnel Management                            |                           | Budget of KSMA         |
|            |                                                                                                | See also problem 3.5.                                                                                                                 |  |  |  |  |                                                                                                         |                           |                        |
| <b>1.4</b> | <b>Attracting extra-budgetary funds,</b>                                                       | 1.4.1.Training of administrative staff at PPP seminars                                                                                |  |  |  |  | Number of administrative personnel trained                                                              | CDiNO                     | Budget of KSMA, donors |

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|            | <b>implementing public-private partnership mechanisms</b>                                                                                                      | 1.4.2.Organization and holding of working meetings/round tables on issues of attracting extra-budgetary funds and PPP projects |  |  |  |  |  | Number of meetings/tables held,                                                     | Compulsory Medical Insurance | Budget of KSMA, donors |
|            |                                                                                                                                                                | 1.4.3. Attracting investments, grants                                                                                          |  |  |  |  |  | Volume of investments, grants, number of projects being implemented, including PPP; | Compulsory Medical Insurance |                        |
|            |                                                                                                                                                                | 1.4.4.Development of new paid services/products                                                                                |  |  |  |  |  | Budget increase                                                                     | AHR, OFERiBU                 | Budget of KSMA, donors |
| <b>2</b>   | <b>STRATEGY2.DEVELOPMENT OF MATERIAL AND TECHNICAL BASE FOR THE IMPLEMENTATION OF INNOVATIVE EDUCATIONAL AND SCIENTIFIC TECHNOLOGIES (RESOURCE MANAGEMENT)</b> |                                                                                                                                |  |  |  |  |  |                                                                                     |                              |                        |
| <b>2.1</b> | <b>Modernization of buildings and premises (major and current)repairs)</b>                                                                                     | Current repairs in the educational buildings of KSMA:                                                                          |  |  |  |  |  | Volume and % of completed work                                                      | AHCH,trend. from.            | Budget of KSMA         |
|            |                                                                                                                                                                | Routine repairs of clinical departments at clinical bases                                                                      |  |  |  |  |  | Volume and % of completed work                                                      | AHCH,trend. from.            | Budget of KSMA         |
|            |                                                                                                                                                                | Routine repairs in KSMA dormitories                                                                                            |  |  |  |  |  | Volume and % of completed work                                                      | AHCH,trend. from.            | Budget of KSMA         |
|            |                                                                                                                                                                | Major repairs:                                                                                                                 |  |  |  |  |  | List of objects; Volume and % of completed works                                    | AHCH,trend. from.            | Budget of KSMA, donors |
|            |                                                                                                                                                                | - Republican Diagnostic and Treatment Center of the Kazan State Medical Academy                                                |  |  |  |  |  |                                                                                     | AHCH,trend. from.            |                        |
|            |                                                                                                                                                                | - Establishment of an Interdisciplinary Biomedical Academic Center of Excellence                                               |  |  |  |  |  | Volume and % of completed work                                                      | AHCH,trend. from.            |                        |
|            |                                                                                                                                                                | - Academic buildings, dormitories                                                                                              |  |  |  |  |  |                                                                                     | AHCH,trend. from.            |                        |
| <b>2.2</b> | <b>Construction of new educational buildings, dormitories, and an academic clinic</b>                                                                          | Construction of a new building for the Clinical Skills Testing and Development Center                                          |  |  |  |  |  | The building has been put into operation                                            | AHCH,trend. from.            | Budget of KSMA donors  |
|            |                                                                                                                                                                | Construction of a multidisciplinary academic clinic of the KSMA in Batken                                                      |  |  |  |  |  | The building has been put into operation                                            | AHCH,trend. from.            | Budget of KSMA donors  |
|            |                                                                                                                                                                | Construction of a multidisciplinary clinic (on the territory of the Oncology Center)                                           |  |  |  |  |  | The building has been put into operation                                            | AHCH,trend. from.            | Budget of KSMA donors  |
|            |                                                                                                                                                                | Construction of a multidisciplinary academic hospital in Bishkek                                                               |  |  |  |  |  | The facility has been put into operation                                            | AHCH,trend. from.            | Budget of KSMA donors  |
|            |                                                                                                                                                                | Construction of a new educational building, Bishkek (Akhunbaeva/Baitik baatyra)                                                |  |  |  |  |  | The facility has been put into operation                                            | AHCH,trend. from.            | Budget of KSMA donors  |

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|     |                                                                                                                                   | Construction of a dormitory on the student campus in Tash-dobo.                                                                                   |  |  |  |  | Facility commissioned, number of sports grounds                                                                                | AHCH,trend. from.                      | Budget of KSMA donors |
|     |                                                                                                                                   | Improvement of the territory                                                                                                                      |  |  |  |  | List and scope of work                                                                                                         | AHCH,trend. from.                      | Budget of KSMA        |
| 2.3 | <b>Providing new teaching and research technologies with technical means (computers, laboratory and medical equipment, etc.).</b> | Purchase and installation of office equipment and innovative educational equipment (interactive table-panel, multi-touch systems, etc.)           |  |  |  |  | List and quantity of units purchased                                                                                           | OSiPO, tender department               | Budget of KSMA donors |
|     |                                                                                                                                   | Purchase and installation of simulation training equipment, medical simulators (virtual therapist, virtual surgery, virtual dental complex, etc.) |  |  |  |  | List and quantity of units purchased                                                                                           | tend. dep.                             | Budget of KSMA donors |
|     |                                                                                                                                   | Purchase and installation of a video studio for distance learning                                                                                 |  |  |  |  | List and quantity of units purchased                                                                                           | tend. dep.                             | Budget of KSMA donors |
|     |                                                                                                                                   | Purchase and installation of modern laboratory and medical equipment                                                                              |  |  |  |  | List and quantity of units purchased                                                                                           | tend. dep.                             | Budget of KSMA donors |
|     |                                                                                                                                   | Purchase, installation and provision of video broadcasts from operating rooms, delivery rooms, etc.                                               |  |  |  |  | List and quantity of units purchased                                                                                           | OSiPO, tender department               | Budget of KSMA donors |
| 2.4 | <b>Providing the educational and research process with the necessary materials</b>                                                | Purchase of consumables required for the educational and research process                                                                         |  |  |  |  | List and quantity of materials                                                                                                 | tender department                      | Budget of KSMA donors |
|     |                                                                                                                                   | Purchase of reagents, medicines, test systems, etc.                                                                                               |  |  |  |  | List and quantity                                                                                                              | tender department                      | Budget of KSMA donors |
|     |                                                                                                                                   | Purchase of laboratory glassware, medical instruments, etc.                                                                                       |  |  |  |  | List and quantity of units purchased                                                                                           | tender department                      | Budget of KSMA donors |
|     |                                                                                                                                   | Purchase of dummies, imitations of wounds, lesions and other visual materials                                                                     |  |  |  |  | List and quantity of units purchased                                                                                           | tender department                      | Budget of KSMA donors |
|     |                                                                                                                                   | Purchase of a set of visual histological and cytological educational micropreparations                                                            |  |  |  |  | List and quantity of units purchased                                                                                           | tend.department, morphology department | Budget of KSMA donors |
|     |                                                                                                                                   | Purchase of laboratory animals                                                                                                                    |  |  |  |  | Number of purchased animals                                                                                                    | MUNTSBI                                | Budget of KSMA        |
|     |                                                                                                                                   | Purchase of reference strains of microorganisms/cell cultures                                                                                     |  |  |  |  | List and quantity of units purchased                                                                                           | tend.department,M UNTSBI               | Budget of KSMA donors |
|     |                                                                                                                                   | Replenishment and updating of the library collection with new printed publications (textbooks, books, teaching aids, magazines, etc.)             |  |  |  |  | Number of new printed publications; Number of copies; % of provision of educational literature in Kyrgyz, Russian and English. | Library                                | Budget of KSMA donors |

|     |                                                                                                                                                        |                                                                                                                                      |  |  |  |  |                                                       |                                              |                       |
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|     |                                                                                                                                                        | Replenishment of the library collection with new books in dot-relief Braille, audio books                                            |  |  |  |  | Number of new titles of books in Braille, audio books | Library                                      | Budget of KSMA donors |
|     |                                                                                                                                                        | Replenishment of the library with new abstracts and dissertations of KSMA employees                                                  |  |  |  |  | Number of new abstracts/dissertations                 | ONIKR, departments                           | Budget of KSMA        |
| 2.5 | <b>Modernization information and resource support, including provision of the educational process with electronic (digital) and software resources</b> | Modernization of the local computer network in educational buildings with the installation of server cabinets:                       |  |  |  |  | List and quantity of hardware and software, % modern. | Tend.department, OSiPO                       | Budget of KSMA        |
|     |                                                                                                                                                        | Purchase and installation of new software packages                                                                                   |  |  |  |  | List and quantity of purchased and installed programs | OSiPO, tender department                     | Budget of KSMA        |
|     |                                                                                                                                                        | Purchase of updated software IRBIS64+                                                                                                |  |  |  |  | Updated and new IRBIS64+ modules                      | electronic library, tender department        | Budget of KSMA        |
|     |                                                                                                                                                        | Server enhancement, organization of a server center (purchase and installation of servers, equipment, programs)                      |  |  |  |  | Server power                                          | OSiPO, tender department                     | Budget of KSMA        |
|     |                                                                                                                                                        | Organization of wireless Wi-Fi access zones to the KSMA LAN resources and to the Internet in all academic buildings and dormitories: |  |  |  |  | Number of zones and points; % provision of classrooms | OSiPO, tender department                     | Budget of KSMA donors |
|     |                                                                                                                                                        | <ul style="list-style-type: none"> <li>▪ Installation of video surveillance in educational buildings and dormitories</li> </ul>      |  |  |  |  | Number of video surveillance points                   | Administrative department, tender department | Budget of KSMA        |
|     |                                                                                                                                                        | Replenishment of the electronic library fund with textbooks, teaching aids, lectures                                                 |  |  |  |  | Number of new titles                                  | Electronic library                           | Budget of KSMA donors |
|     |                                                                                                                                                        | Digitization of library catalogues                                                                                                   |  |  |  |  | % of digitized cards/catalog;                         | Library                                      | Budget of KSMA        |
| 2.6 | <b>Improving the quality of life for students, faculty and staff</b>                                                                                   | Medical examination of employees of clinical departments who have contact with blood for HIV and viral hepatitis                     |  |  |  |  | % of faculty members who passed medical examination   | ONIKR                                        | Budget of KSMA        |
|     |                                                                                                                                                        | Vaccination of clinical department employees who have contact with blood against HBV and other viral diseases                        |  |  |  |  | % of PPS vaccinated                                   | ONIKR                                        | Budget of KSMA donors |
|     |                                                                                                                                                        | Conducting medical examination and dispensary observation of students                                                                |  |  |  |  | % of students who passed a medical examination        | ONIKR                                        | Budget of KSMA donors |
|     |                                                                                                                                                        | Submission of petitions to the mayor's office for the provision of social housing for low-income employees                           |  |  |  |  | Number of petitions submitted, % of petitions granted | Prof.com, Student Prof.                      | -                     |



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|            |                                                                                                                                                  | Provision of social packages, discounted vouchers to sanatoriums/boarding houses for teaching staff and students                                                                                               |  |  |  |  |  | Number of employees, students who received social package/vouchers                                                                                          | Prof.com, Student Prof.                                                                              | Trade union budget      |                |
| <b>3</b>   | <b>STRATEGY3.SYSTEMIC QUALITY ASSURANCE AT ALL STAGES OF THE LIFE CYCLE OF SCIENTIFIC AND EDUCATIONAL PRODUCTS/SERVICES (QUALITY MANAGEMENT)</b> |                                                                                                                                                                                                                |  |  |  |  |  |                                                                                                                                                             |                                                                                                      |                         |                |
| <b>3.1</b> | <b>Assessing market needs, expectations and demands of employers and society as a whole</b>                                                      | Determination of the need for medical personnel in practical health care                                                                                                                                       |  |  |  |  |  | % of staffing in medical specialties; "Waiting list" by specialty and region                                                                                | FPMO, MZ                                                                                             | Budget of KSMA          |                |
|            |                                                                                                                                                  | Collection and analysis of data on employment of KSMA graduates                                                                                                                                                |  |  |  |  |  | Number of new graduates who came to work in rural areas; % of residents in rural areas<br>Number of unemployed graduates and/or engaged in other activities | FPMO, MZ                                                                                             | Budget of KSMA          |                |
|            |                                                                                                                                                  | Conducting a "Job Fair", organizing meetings between residents and potential employers.                                                                                                                        |  |  |  |  |  | Number of participating healthcare organizations; Number of residents who took part                                                                         | FPMO, departments                                                                                    | Budget of KSMA          |                |
|            |                                                                                                                                                  | Conducting a survey of employers on needs, Survey of patients/population                                                                                                                                       |  |  |  |  |  | Report: number of respondents, needs                                                                                                                        | OMKO. departments                                                                                    | Budget of KSMA          |                |
| <b>3.2</b> | <b>Analysis of modern trends in the development of medical and pharmaceutical education and science systems</b>                                  | Analysis of modern global trends in the development of medical and pharmaceutical education and science systems                                                                                                |  |  |  |  |  | Analytical report with recommendations                                                                                                                      | OMKO, UMO, ONIKR                                                                                     | Budget of KSMA          |                |
|            |                                                                                                                                                  | Analysis of differences in educational standards of universities in near and far abroad countries and KSMA, including curricula of medical universities in India and Pakistan in the field of general medicine |  |  |  |  |  | Analytical report with recommendations                                                                                                                      | UMO, compulsory medical insurance, Departments                                                       | Budget of KSMA          |                |
|            |                                                                                                                                                  | Analysis of the reasons for the discrepancy and difference in hours when transferring students from other universities                                                                                         |  |  |  |  |  |                                                                                                                                                             | Analytical report with recommendations                                                               | SSD                     | Budget of KSMA |
|            |                                                                                                                                                  | Conducting working meetings/sessions, conferences, round tables devoted to issues of modern trends in the development of medical education and science                                                         |  |  |  |  |  |                                                                                                                                                             | List and number of meetings of public councils on this issue;<br>Number of conferences, round tables | Public councils of KSMA | Budget of KSMA |
| <b>3.3</b> | <b>Assessment of the quality of educational services of KSMA and satisfaction of</b>                                                             | Monitoring and evaluation of the quality of implementation of distance learning methods                                                                                                                        |  |  |  |  |  | Monitoring and Evaluation Results Report                                                                                                                    | CDiNO                                                                                                | Budget of KSMA          |                |

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| <b>consumers of educational services</b>                                                                                                                                 | Monitoring and evaluation of the quality of education in disciplines (work of departments)              |  |  |  |  | Monitoring and Evaluation Results Report                                                                    | UMO, FPMO                    | Budget of KSMA         |
|                                                                                                                                                                          | Monitoring and evaluation of clinical sites and the work of clinical mentors                            |  |  |  |  | Monitoring and Evaluation Results Report                                                                    | FPMO, PP sector              | Budget of KSMA, donors |
|                                                                                                                                                                          | Assessment of students' satisfaction with the quality of education at KSMA                              |  |  |  |  | % student satisfaction                                                                                      | OMKO, dean's offices         | Budget of KSMA, donors |
|                                                                                                                                                                          | Assessment of graduates' satisfaction with the quality of education at KSMA                             |  |  |  |  | % satisfaction                                                                                              | OMCO, FPMO                   | Budget of KSMA, donors |
|                                                                                                                                                                          | Assessment of residents' satisfaction with the quality of education at KSMA                             |  |  |  |  | % satisfaction                                                                                              | OMKO, dean's offices         | Budget of KSMA, donors |
|                                                                                                                                                                          | Assessment of students' satisfaction with the quality of education at the KSMA Lyceum                   |  |  |  |  | % satisfaction                                                                                              | OMKO, CDP                    | Budget of KSMA, donors |
|                                                                                                                                                                          | Assessment of parental satisfaction with the quality of education at KSMA                               |  |  |  |  | % satisfaction                                                                                              | OMKO, dean's offices, lyceum | Budget of KSMA, donors |
|                                                                                                                                                                          | Assessing employer satisfaction with the quality of graduate training                                   |  |  |  |  | % satisfaction                                                                                              | OMKO, FPMO                   | Budget of KSMA, donors |
|                                                                                                                                                                          | Assessment of satisfaction of the teaching staff with the quality of education at KSMA                  |  |  |  |  | % satisfaction                                                                                              | OMKO, departments            | Budget of KSMA, donors |
|                                                                                                                                                                          | Assessment of applicants' satisfaction with the quality of the organization of the admissions committee |  |  |  |  | % satisfaction                                                                                              | OMKO, Priem.com.             | Budget of KSMA, donors |
|                                                                                                                                                                          | Conducting monitoring and evaluation on other relevant issues of quality of education                   |  |  |  |  | List of assessments carried out; M&E reports                                                                | OMKO                         | Budget of KSMA, donors |
| <b>3.4 Improving the system and policy of quality education, including the effectiveness of the internal system of monitoring and assessing the quality of education</b> | Revision/development of local acts on ensuring the quality of education at KSMA                         |  |  |  |  | List/number of approved regulatory legal acts on the quality of education in KSMA                           | OMKO                         | Budget of KSMA         |
|                                                                                                                                                                          | Planning annual events and collecting reports on their implementation                                   |  |  |  |  | Approved annual plans; Timeliness (dates) of submission of annual plans and reports;                        | All structural divisions     | Budget of KSMA         |
|                                                                                                                                                                          | Participation in international university rankings                                                      |  |  |  |  | List of those in which KSMA participates; <b>Place in the ranking</b>                                       | OMKO                         | Budget of KSMA, donors |
|                                                                                                                                                                          | Conducting trainings for those responsible in structural divisions for quality management of education  |  |  |  |  | Number of trainings; Number of trained;                                                                     | OMKO                         | Budget of KSMA, donors |
|                                                                                                                                                                          | Preparation and completion of international independent institutional and programmatic accreditation    |  |  |  |  | Number of accredited OOPs; Certificate of program accreditation; Certificate of institutional accreditation | OMKO, work group             | Budget of KSMA         |

|     |                                                                                                                                               |                                                                                                                                                                                   |  |  |  |  |                                                                                                                                                   |                             |                                              |
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|     |                                                                                                                                               | Preparation and passing of international independent certification of quality management system                                                                                   |  |  |  |  | Certificate of certification of the quality management system of KSMA                                                                             | OMKO, working groups        | Budget of KSMA                               |
| 3.5 | <b>Increasing the human resources potential of KSMA, improving the personnel incentive systems for self-development and advanced training</b> | Development/revision of recruitment policies, job descriptions, qualification requirements                                                                                        |  |  |  |  | Approved "Regulations on the procedure for recruitment and hiring", Qualification requirements and selection criteria                             | OMKO<br>OYuIKR              | Budget of KSMA                               |
|     |                                                                                                                                               | Development of a methodology for forming the variable part (bonuses, allowances, etc.) of wages based on performance indicators                                                   |  |  |  |  | Approved Payroll Guidelines based on its performance indicators                                                                                   | OMKO, OFERIBU               | Budget of KSMA                               |
|     |                                                                                                                                               | Conducting a competition to fill vacant teaching staff positions;                                                                                                                 |  |  |  |  | % staffing;<br>% staff turnover;<br>% of faculty with degree, title                                                                               | OYuIKR                      | Budget of KSMA                               |
|     |                                                                                                                                               | Certification of teaching staff teaching in English for knowledge of the language                                                                                                 |  |  |  |  | % of teaching staff by language proficiency levels<br>% student satisfaction                                                                      | CII, commission             | Budget of KSMA                               |
|     |                                                                                                                                               | Creation of conditions and provision of benefits (milk, allowance for hazardous conditions) for employees working in hazardous conditions. Conducting certification of workplaces |  |  |  |  | Workplace certification protocols; Lists of employees working in hazardous conditions;                                                            | Safety engineer, commission | Budget of KSMA                               |
|     |                                                                                                                                               | Advanced training of faculty members in specialized specialties                                                                                                                   |  |  |  |  | Number of teaching staff trained within the country;<br>Number of teaching staff who have completed training abroad;                              | OJUKR, departments          | The budget of KSMA is self-financing, donors |
|     |                                                                                                                                               | Training of teaching staff in pedagogy and psychology at advanced training courses                                                                                                |  |  |  |  | Number and % of faculty who completed courses from the total number of faculty;<br>Number of faculty who completed training abroad                | CDiNO                       | The budget of KSMA is self-financing         |
|     |                                                                                                                                               | Teaching faculty on foreign language courses                                                                                                                                      |  |  |  |  | Number and % of faculty who completed courses from the total number of faculty;<br>Number of faculty who completed training abroad                | CITY                        | self-financing                               |
|     |                                                                                                                                               | Development and organization of distance learning courses for advanced training of teaching staff                                                                                 |  |  |  |  | Number of foreign lecturers invited.<br>Number of faculty who completed courses; Number of faculty who completed distance learning courses abroad | Department teaching staff   | Budget of KSMA donors                        |
|     |                                                                                                                                               | Implementation of mentoring/tutoring programs for young faculty/staff                                                                                                             |  |  |  |  | Number of faculty involved in the program                                                                                                         | Departments                 | Budget of KSMA                               |

|     |                                                                                                                                                         |                                                                                                                                                                        |  |  |  |  |                                                                    |                  |                        |
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|     |                                                                                                                                                         | Conducting the competition "Best Department of the Year", "Best Teacher of the Year"                                                                                   |  |  |  |  | Determining the winners of the competition                         | OMKO, commission | Budget of KSMA         |
|     |                                                                                                                                                         | Submission of documents to the PPS for state and other awards by decision of public councils                                                                           |  |  |  |  | Determining the winners of the competition                         | ONIKR commission | Budget of KSMA         |
|     |                                                                                                                                                         | See activities for task 1.6, 2.1.7, 3.3.6, 3.4.8, 3.5.1, 3.5.4-3.5.8, 4.2.3-4.2.5                                                                                      |  |  |  |  |                                                                    |                  |                        |
| 3.6 | <b>Improving the quality of educational and methodological support for the educational process</b>                                                      | Analysis of textbooks and teaching aids used and recommended in educational programs (date of publication, content, etc.) for compliance with established requirements |  |  |  |  | Analytical report with recommendations                             | UMO              | Budget of KSMA         |
|     |                                                                                                                                                         | Analysis of the availability of recommended textbooks and educational and methodological materials in educational programs                                             |  |  |  |  | Analytical report with recommendations % of book supply by subject | Library, UMO     | Budget of KSMA         |
|     |                                                                                                                                                         | Conducting an assessment of the demand for the book fund                                                                                                               |  |  |  |  | Analytical report.                                                 | Library          |                        |
|     |                                                                                                                                                         | Replenishment of the electronic library with new electronic and audio books                                                                                            |  |  |  |  | Number of new electronic units                                     | Elek. library    | Budget of KSMA         |
|     |                                                                                                                                                         | Development of the Standard "Educational and Methodological Complex" including evaluation criteria educational and methodological support                              |  |  |  |  | Developed standard                                                 | UMO              | Budget of KSMA         |
|     |                                                                                                                                                         | Conducting an examination of the content of educational and methodological support                                                                                     |  |  |  |  | Number of UMPs considered, % deviation of UMP                      | RICE, GUMK       | Budget of KSMA         |
|     |                                                                                                                                                         | See the activities under item 1.3.8., +purchases                                                                                                                       |  |  |  |  |                                                                    |                  |                        |
| 3.7 | <b>Improving the system of monitoring students' knowledge and skills, motivating the student to develop self-organization skills and plan their own</b> | Development of guidelines for monitoring students' knowledge and skills                                                                                                |  |  |  |  | Approved Guidelines for Monitoring Learners' Knowledge and Skills  | UMO, OMKO        | Budget of KSMA, donors |
|     |                                                                                                                                                         | Amendments to improve the cumulative point-rating system for assessing knowledge                                                                                       |  |  |  |  | % satisfaction with BRS among students and teachers                | UMO              | Budget of KSMA         |
|     |                                                                                                                                                         | Development/revision of OSCE Student Guide                                                                                                                             |  |  |  |  | % satisfaction with OSCE among students and teachers               | CRCN and OZ      | Budget of KSMA, donors |

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|            | <b>educational activities</b>                                                                                                      | Development of Methodological Recommendations for Students on Writing Notes, Abstracts, Essays, Reports/Presentations.                               |  |  |  |  | Approved methodological recommendations                                                           | UMO, departments             | Budget of KSMA         |
|            |                                                                                                                                    | Conducting a competition among students "Best student of the year - Top student"                                                                     |  |  |  |  | Determining the winners                                                                           | Deans of faculties           | Budget of KSMA, donors |
|            |                                                                                                                                    | Development of personal scholarship programs for particularly distinguished students (presidential scholarship, I.K. Akhunbaev scholarship, etc.)    |  |  |  |  | The number of students receiving personal scholarships,<br>List of named scholarships             | Deans of faculties,<br>ONIKR | Donors/Sponsors        |
|            |                                                                                                                                    | See activities 4.4.8., + psychologist support + orientation week                                                                                     |  |  |  |  |                                                                                                   |                              |                        |
| <b>4</b>   | <b>STRATEGY 4. IMPLEMENTATION OF INNOVATIONS AND SCIENTIFIC-ORIENTED LEARNING IN THE EDUCATIONAL PROCESS (EDUCATIONAL PROCESS)</b> |                                                                                                                                                      |  |  |  |  |                                                                                                   |                              |                        |
| <b>4.1</b> | <b>Development and implementation of innovative educational technologies in the educational process of KSMA</b>                    | Analysis of modern innovative trends and technologies in the most advanced education systems ( <b>Anglo-American, German, Scandinavian</b> )         |  |  |  |  | Analytical report with recommendations/presentation                                               | UMO                          | Budget of KSMA, donors |
|            |                                                                                                                                    | Organization and implementation of distance courses within the framework of additional educational programs/continuous education                     |  |  |  |  | Number of approved training programs Licenses                                                     | UMO, CDINO                   | Budget of KSMA, donors |
|            |                                                                                                                                    | Conducting online round tables, meetings, forums, conferences, webinars with the participation of students, residents, and faculty.                  |  |  |  |  | Number of online meetings, webinars                                                               | UMO, CDiNO, departments      | Budget of KSMA         |
|            |                                                                                                                                    | Development and implementation of the use of new computer programs in the educational process                                                        |  |  |  |  | Number of implemented computer programs                                                           | OSiPO, CDiNO                 | Budget of KSMA, donors |
|            |                                                                                                                                    | Development and implementation of the use of educational video materials                                                                             |  |  |  |  | Number of educational video materials,<br>Number of departments that have implemented the Spanish | Departments,                 | Budget of KSMA         |
|            |                                                                                                                                    | Implementation of the use of mobile applications for communication between students and deans and departments                                        |  |  |  |  | Availability of mobile applications<br>Number of users                                            | OSiPO                        | Budget of KSMA, donors |
|            |                                                                                                                                    | Development of teaching aids for teachers and students on practical classes on simulation equipment                                                  |  |  |  |  | Number of teaching aids, Number of computer problems for simulation equipment                     | CRCNiOZ, departments         | Budget of KSMA         |
|            |                                                                                                                                    | Development/revision of the Guidelines for the implementation Objective Structured Clinical Examination (OSCE), incl. for visually impaired students |  |  |  |  | Published Guidelines for Conducting Objective structured clinical examination                     | UMO                          | Budget of KSMA, donors |

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|             |                                                                                                   | Expansion of the computer database of test tasks. Development of new test tasks in disciplines                                                          |  |  |  |  |  | Number of test tasks in the database (by discipline)                                                                          | UTCNIIOH, Departments,    | Budget of KSMA         |
|             |                                                                                                   | Production and use of natural preparations in morphological departments                                                                                 |  |  |  |  |  | Number of manufactured drugs<br>Number of morphological departments provided with visual educational natural preparations     | Morphological departments | Budget of KSMA         |
|             |                                                                                                   | Increasing the coverage of regional clinical bases of the KSMA with distance learning technologies                                                      |  |  |  |  |  | Number of regional clinical sites covered by distance learning                                                                | FPMO<br>CDiNO             | Budget of KSMA, donors |
|             |                                                                                                   | Development of electronic educational and methodological complexes                                                                                      |  |  |  |  |  | Number of electronic teaching aids<br>Number of departments that have implemented electronic teaching and methodological kits | CDiNO, departments        | Budget of KSMA, donors |
|             |                                                                                                   | Protection of copyrights for educational programs, UMP                                                                                                  |  |  |  |  |  | Number of copyright certificates                                                                                              | UMO                       | Budget of KSMA         |
| <b>4.2.</b> | <b>Implementation of scientifically oriented learning in the educational process and programs</b> | Conducting a comparative analysis various types of scientific activities of students: UIRS, NIRS, and RBL (Research Based Learning)                     |  |  |  |  |  | Comparative Analysis Report                                                                                                   | UMO<br>ONIKR coordinators | Budget of KSMA         |
|             |                                                                                                   | Development and implementation of a research component in curricula and plans during their revision and/or development                                  |  |  |  |  |  | Number of educational programs using RBL; % of working programs using RBL from the total number of working programs           | UMO<br>ONIKR departments  | Budget of KSMA         |
|             |                                                                                                   | Implementation of use in practical classes on evidence-based scientific information databases (Medline, Cochrane Library, PubMed, Google scholar, etc.) |  |  |  |  |  | Number of departments that have implemented the use of databases in the curriculum for the discipline                         | UMO<br>ONIKR departments  | Budget of KSMA         |
|             |                                                                                                   | Development of a standard for organizing students' research work.                                                                                       |  |  |  |  |  | Developed standard                                                                                                            | ONiKR<br>OMKO             | Budget of KSMA         |
|             |                                                                                                   | Revision/Development of methodological guidelines for independent work with the introduction of RBL                                                     |  |  |  |  |  | Methodological guidelines                                                                                                     | UMO<br>ONIKR              | Budget of KSMA, donors |
|             |                                                                                                   | Development of methodological guidelines for students on the preparation of scientific projects, articles, essays, scientific information search,       |  |  |  |  |  | A guide for students on preparing scientific projects, articles, essays, and scientific information searches                  | ONICROSE,<br>NOMUS        | Budget of KSMA, donors |

|            |                                                                                                                              |                                                                                                                 |  |  |  |  |                                                                                                                                                                                 |                                             |                                                               |
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|            |                                                                                                                              | Training for teachers on the implementation of research-based learning (RBL) in the educational process         |  |  |  |  | Number of trained teachers; % of departments covered by training                                                                                                                | UMO<br>ONIKR                                | Budget of<br>KSMA<br>Search for<br>donors                     |
|            |                                                                                                                              | Implementation of research results and scientific dissertations in the educational process                      |  |  |  |  | Number of Acts of implementation of research results into the educational process                                                                                               | UMO<br>ONIKR                                | Budget of<br>KSMA                                             |
|            |                                                                                                                              | Preparation and implementation of scientific projects by students while studying a discipline/passing residency |  |  |  |  | Number of students who took part in scientific projects<br>Number of scientific projects involving students                                                                     | departments                                 | Budget of<br>KSMA, donors                                     |
|            |                                                                                                                              | Participation of students (students, residents, postgraduates) in scientific conferences, forums                |  |  |  |  | Number of students who took part in scientific conferences; Number of students who took part with a report; Number of scientific conferences with the participation of students | Department of<br>OniKR                      | Budget of<br>KSMA, donors                                     |
|            |                                                                                                                              | Participation in competitions, olympiads of various levels in various subjects/disciplines                      |  |  |  |  | Number of students who took part in competitions/Olympiads; Number and nominations of prize places taken                                                                        | ONiKR,<br>departments                       | Budget of<br>KSMA, donors                                     |
|            |                                                                                                                              | Scientific publications of KSMA students                                                                        |  |  |  |  | Number of publications by students<br>Number of students involved in scientific publications                                                                                    | ONiKR,<br>departments                       | Budget of<br>KSMA, donors                                     |
|            |                                                                                                                              | Involvement of students (students, residents and postgraduates) in research carried out by departments          |  |  |  |  | Number of student clubs<br>Number of students involved in the department's research work                                                                                        | ONIKR<br>departments                        | Budget of<br>KSMA                                             |
|            |                                                                                                                              | Registration of students in the RSCI database                                                                   |  |  |  |  | Number of registered students.                                                                                                                                                  | ONiKR, NOMUS                                | Budget of<br>KSMA                                             |
| <b>4.3</b> | <b>Revision of educational programs and teaching technologies in accordance with modern world standards and requirements</b> | Analysis of compliance of curricula in training areas with curricula of leading medical universities            |  |  |  |  | Analytical reports with recommendations                                                                                                                                         | Profile committees,<br>coordinators         | Budget of<br>KSMA                                             |
|            |                                                                                                                              | Revision of educational programs in accordance with modern world standards and requirements:                    |  |  |  |  | Number of new and revised OOPs;<br>% of revised curricula, CPEs, competency catalogues                                                                                          | UMO, Profile<br>committees,<br>coordinators | Budget of<br>KSMA                                             |
|            |                                                                                                                              | Participation in the development of state educational standards for medical and pharmaceutical specialties      |  |  |  |  | Number of teaching staff involved in the development of the State Standards,<br>Number of State Standards                                                                       | UMO, working<br>groups                      | Budget of<br>KSMA,<br>Ministry of<br>Education and<br>Science |
|            |                                                                                                                              | Revision of test assignments for disciplines, State Attestation Commission                                      |  |  |  |  | % of disciplines that revised the TOR,<br>% of revised tests by subject                                                                                                         | UMO, departments,                           | Budget of<br>KSMA,                                            |

|             |                                                                                                                                                                 |                                                                                                                                                                                   |  |  |  |  |  |                                                                                                                                                                                              |                                     |                                     |
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|             |                                                                                                                                                                 | Development of teaching aids for teaching staff on modern teaching methods                                                                                                        |  |  |  |  |  | Number of UMP for teachers                                                                                                                                                                   | UMO, departments                    | Budget of KSMA                      |
|             |                                                                                                                                                                 | Development of textbooks, teaching aids for students in disciplines                                                                                                               |  |  |  |  |  | Total number of published textbooks/UMP<br>Number of textbooks/UMP certified by the Ministry of Education and Science of the Kyrgyz Republic; Number of textbooks/UMP certified by RISO KSMA | UMO, departments                    | Budget of KSMA                      |
|             |                                                                                                                                                                 | Development of textbooks, teaching aids in Kyrgyz and English                                                                                                                     |  |  |  |  |  | Number of textbooks/UMP in Kyrgyz language and English                                                                                                                                       | UMO,SRGYA, departments              | Budget of KSMA, donors              |
| <b>4.4.</b> | <b>Development and implementation of new educational programs in new areas of training specialists in accordance with the requirements of the global market</b> | Development and implementation of a pilot educational program for the bachelor's degree in nursing                                                                                |  |  |  |  |  | Number of students;                                                                                                                                                                          | Department of VSO                   | Budget of KSMA, donors              |
|             |                                                                                                                                                                 | Development and implementation of an educational program in the field of "Military Medicine"                                                                                      |  |  |  |  |  |                                                                                                                                                                                              | Military Department                 | Budget of KSMA, Ministry of Defense |
|             |                                                                                                                                                                 | Development and implementation of a pilot educational program for a bachelor's degree in Medical Engineering                                                                      |  |  |  |  |  |                                                                                                                                                                                              | UMO, Department of Computer Science | Budget of KSMA and KTU              |
|             |                                                                                                                                                                 | Development of new additional educational programs                                                                                                                                |  |  |  |  |  | Number of additional OPs                                                                                                                                                                     | UMO, CDINO                          | Budget of KSMA, donors              |
| <b>4.5</b>  | <b>Improving the quality of clinical training of KSMA students</b>                                                                                              | Revision of the content of practical training (practical classes, industrial practice) in accordance with modern market requirements and professional competencies of specialists |  |  |  |  |  | Number of revised programs/plans<br>% of revised programs/plans                                                                                                                              | UMO, departments                    | Budget of KSMA, donors              |
|             |                                                                                                                                                                 | Development/Revision of the Guide to Clinical (Industrial) Practice for PPP                                                                                                       |  |  |  |  |  | Guide to clinical (industrial) practice for teaching staff                                                                                                                                   | UMO                                 | Budget of KSMA donors               |
|             |                                                                                                                                                                 | Development/Revision of the Guide to Clinical (Industrial) Practice for Students                                                                                                  |  |  |  |  |  | Guide to clinical (industrial) practice for students                                                                                                                                         | UMO                                 | Budget of KSMA donors               |
|             |                                                                                                                                                                 | Training of clinical mentors in the regions                                                                                                                                       |  |  |  |  |  | Number of trained mentors                                                                                                                                                                    |                                     | Budget of KSMA                      |
|             |                                                                                                                                                                 | Development of unified modular programs of continuous education                                                                                                                   |  |  |  |  |  | Number of programs<br>Licenses, number of trained                                                                                                                                            | CDiNO                               | Budget of KSMA                      |



|            |                                                                                                  |                                                                                                                                                                 |  |  |  |  |  |                                                                                                   |                                                                     |                              |
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| <b>4.6</b> | <b>Improving the qualifications of teachers and staff in innovative educational technologies</b> | Educational trainingsfor teaching staff working with dummies/simulation equipment                                                                               |  |  |  |  |  | Number of teachers trained to work with SO                                                        | UMO<br>CRCNOZ                                                       | KGMA<br>donors               |
|            |                                                                                                  | Training courses for teaching staff on the application of problem-based learning methods                                                                        |  |  |  |  |  | Number of trained teachers<br>% of teachers trained                                               | UMO<br>CDiNO                                                        | KGMA<br>Search for<br>donors |
|            |                                                                                                  | Training courses for teaching staff on the use of interactive forms of training                                                                                 |  |  |  |  |  | Number of trained teachers<br>% of teachers trained                                               | UMO<br>CDiNO                                                        | Budget of<br>KSMA, donors    |
|            |                                                                                                  | Training of faculty in conducting the Objective Structured Clinical Examination (OSCE)                                                                          |  |  |  |  |  | Number of trained teachers<br>% of teachers trained                                               | UMO<br>CRCNOZ                                                       | Budget of<br>KSMA, donors    |
|            |                                                                                                  | Educational trainingsfor teaching staff on developing test assignments (TA) for various levels of knowledge control of students                                 |  |  |  |  |  | Number of trained teachers<br>% of teachers trained                                               | UMO<br>CRCNOZ                                                       | Budget of<br>KSMA            |
|            |                                                                                                  | Development and implementation of training programs for teaching staff on computer literacy and skills in working with computers, smartphones and other devices |  |  |  |  |  | Approved Curriculum<br>Computer Course License<br>Number of faculty members who completed courses | CDNO, Department<br>of Physics and<br>Informatics                   | Budget of<br>KSMA            |
|            |                                                                                                  | Development and implementation of training programs for teaching staff on the basics of programming                                                             |  |  |  |  |  | Approved Curriculum<br>Computer Course License<br>Number of faculty members who completed courses | CDiNO,<br>Department of<br>Physics and<br>Information<br>Technology | Budget of<br>KSMA, donors    |
| <b>4.7</b> | <b>Development of student startups</b>                                                           | Finding sources of funding for student research projects                                                                                                        |  |  |  |  |  | Amount of funds raised<br>Number of grants received                                               | Compulsory<br>medical insurance,<br>OniKR                           | donors                       |
|            |                                                                                                  | Conducting competitions for the best student research project                                                                                                   |  |  |  |  |  | Number of submitted project applications                                                          |                                                                     | Budget of<br>KSMA, donors    |
|            |                                                                                                  | Conducting and/or participating in seminars, trainings for students on preparing projects for receiving a grant                                                 |  |  |  |  |  | Number of applications submitted<br>Number of grants won<br>%                                     |                                                                     | Budget of<br>KSMA, donors    |
|            |                                                                                                  | Startup acceleration                                                                                                                                            |  |  |  |  |  |                                                                                                   | Business incubator                                                  | Budget of<br>KSMA, donors    |
|            |                                                                                                  | Expansion of student research/startups in laboratories based at the MUNCBMI, Business Incubator                                                                 |  |  |  |  |  | Number of studies conducted at the MUNCBMI                                                        | MUNTSBM,<br>departments                                             | Budget of<br>KSMA, donors    |

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|            |                                                                                                                        | Involvement of students, residents and postgraduates in the processes of co-management and self-governance of the scientific and innovative activities of the university.                                                                               |  |  |  |  |  | Number of KSMA students involved in the work of advisory bodies on management scientific and innovative activities of KSMA                 | ONIKR, NOMUS                                      | Budget of KSMA         |
|            |                                                                                                                        | Development of projects for the creation of a modular/production pharmacy, a laboratory for assessing the quality of medicines                                                                                                                          |  |  |  |  |  | Project                                                                                                                                    | Graduating departments of the Faculty of Pharmacy | Budget of KSMA, donors |
| <b>5</b>   | <b>STRATEGY 5. DEVELOPMENT AND IMPLEMENTATION OF MEDICAL SCIENCE IN PRACTICAL HEALTHCARE</b>                           |                                                                                                                                                                                                                                                         |  |  |  |  |  |                                                                                                                                            |                                                   |                        |
| <b>5.1</b> | <b>Conducting advanced scientific research that has a decisive influence on the content of the educational process</b> | Analysis of trends in priority scientific areas and the needs of society in scientific research                                                                                                                                                         |  |  |  |  |  | Analytical report with recommendations on priority areas of scientific research                                                            | MUNTSBMI<br>ONIKR                                 | Budget of KSMA, donors |
|            |                                                                                                                        | Conducting patent information search (thematic, patent purity, patent analogues)                                                                                                                                                                        |  |  |  |  |  | Number of patent information searches (PIS) conducted;<br>Reports on the implementation of the PIP;<br>% of departments that conducted PIP | ONIKR,<br>departments                             | Budget of KSMA         |
|            |                                                                                                                        | Development of criteria for monitoring and assessing the quality of scientific research, corresponding to those used in world rankings and leading universities of the world (QS, Times Higher Education, Academic ranking of world universities, etc.) |  |  |  |  |  | Approved Regulation on the criteria for assessing and monitoring the quality of scientific research                                        | ONIKR, OMKO                                       | Budget of KSMA, donors |
|            |                                                                                                                        | Revision of the Regulation on the KSMA competition for priority funding of a research project/R&D (incl. application requirements)                                                                                                                      |  |  |  |  |  | Approved Regulation on the holding of the KSMA competition for funding of a research project/R&D                                           | ONIKR                                             | Budget of KSMA         |
|            |                                                                                                                        | KSMA Competition for Priority Financing of Research Projects/R&D                                                                                                                                                                                        |  |  |  |  |  | Number of applications submitted;<br>Number of fundamental and applied research; Number of approved funding applications                   | ONIKR,<br>competition committee                   | Budget of KSMA         |
|            |                                                                                                                        | Conducting planned and initiative research projects/works                                                                                                                                                                                               |  |  |  |  |  | R&D/NIP reports; Number of R&D projects on fundamental research<br>R&D/project indicators                                                  | ONIKR,<br>MUNTSBMI                                | Budget of KSMA, donors |
|            |                                                                                                                        | Monitoring and evaluation of the implementation of research projects, projects and grants                                                                                                                                                               |  |  |  |  |  | M&E reports                                                                                                                                | ONIKR                                             | Budget of KSMA, donors |

|            |                                                                                                                                                                                                                         |                                                                                                                                                                                           |  |  |  |  |                                                                                                                               |                                    |                        |
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|            |                                                                                                                                                                                                                         | Conducting working meetings, round tables, conferences, and scientific and technical conferences on the implementation of scientific research results in the educational process          |  |  |  |  | Decisions/resolutions of meetings, etc., minutes                                                                              | ONIKR                              | Budget of KSMA, donors |
|            |                                                                                                                                                                                                                         | Holding the annual scientific conference "Days of Science"                                                                                                                                |  |  |  |  | Number of reports; Number of participants; Number of students who took part                                                   | ONICROSE, NOMUS                    | Budget of KSMA, donors |
| <b>5.2</b> | <b>Creation of complex interdisciplinary projects aimed at solving major scientific and/or practical problems, development of interuniversity/international scientific projects and scientific cooperation programs</b> | Development of guidelines and conditions for submission of interdisciplinary research projects                                                                                            |  |  |  |  | Rules for applying for funding of an interdisciplinary project                                                                | ONIKR                              | Budget of KSMA, donors |
|            |                                                                                                                                                                                                                         | Development of project proposals and feasibility studies for projects                                                                                                                     |  |  |  |  | Number of developed projects, feasibility studies                                                                             | departments                        | Budget of KSMA, donors |
|            |                                                                                                                                                                                                                         | Conducting a search for sources of funding and analysis of existing projects and funds                                                                                                    |  |  |  |  | Report with recommendations                                                                                                   | Compulsory Medical Insurance       | Budget of KSMA         |
|            |                                                                                                                                                                                                                         | Submission of an application for priority funding of research (interdisciplinary projects) to the Ministry of Education and Science of the Kyrgyz Republic                                |  |  |  |  | Number and % of approved funding applications, including interdisciplinary ones;                                              | ONIKR, departments                 | Budget of KSMA         |
|            |                                                                                                                                                                                                                         | Submission of applications for international scientific projects to various international funds/organizations                                                                             |  |  |  |  | Number and % of approved funding applications                                                                                 | ONIKR, OMS, departments            | Budget of KSMA, donors |
|            |                                                                                                                                                                                                                         | Implementation/participation in interuniversity/international research projects/programs.                                                                                                 |  |  |  |  | Number and names of projects in which KSMA participates<br>Project Reports/Project Indicators                                 | ONiKR, OMS, MUNCBMI<br>Departments | Budget of KSMA, donors |
|            |                                                                                                                                                                                                                         | Expanding cooperation with local and foreign universities, research centers, signing of memorandums/agreements on cooperation                                                             |  |  |  |  | Number of signed cooperation agreements                                                                                       | ONIKR, OMS                         | Budget of KSMA         |
|            |                                                                                                                                                                                                                         | Academic mobility of research staff, teaching staff, and students.<br>Participation in professional, interuniversity, international scientific and clinical conferences, society meetings |  |  |  |  | QuantityNS, teaching staff, students who took part in scientific conferences/symposia/works/seminars, etc.<br>Liver of events | ONIKR, OMS                         | Budget of KSMA, donors |
|            |                                                                                                                                                                                                                         | Accession of KSMA to membership of international scientific communities/associations                                                                                                      |  |  |  |  | Number of international communities of which KSMA is a member                                                                 | ONIKR, OMS                         | Budget of KSMA         |
|            |                                                                                                                                                                                                                         | Organization and holding of international scientific events (conferences, seminars) or with international participation                                                                   |  |  |  |  | Number of events<br>Number of participants                                                                                    | ONIKR, Departments                 | Budget of KSMA, donors |

|     |                                                                                                                            |                                                                                                                                                                                                |  |  |  |  |                                                                                                                                                                                                                                                                                                                         |                                                    |                                   |
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|     |                                                                                                                            | Development of innovative pharmaceutical products with fundamentally new properties.                                                                                                           |  |  |  |  | Number of innovative pharmaceuticals created                                                                                                                                                                                                                                                                            | pharma department                                  |                                   |
| 5.3 | <b>Improving the efficiency of fundamental and applied scientific research</b>                                             | Publication of research results/projects                                                                                                                                                       |  |  |  |  | Number of articles in the database journals Scopus/Web of Science; Number of faculty members who published papers in scientific journals with a high impact factor<br>Number of articles in journals of the RSCI database; number of articles in the "Vestnik KGMA"<br>Citation Index<br>Number of published monographs | departments                                        | Budget of KSMA, self-financing    |
|     |                                                                                                                            | Publication of the journal "Bulletin of KSMA" named after I.K. Akhunbaev", enhancing the image and scientific significance of the journal (publication of the journal in Russian and English;) |  |  |  |  | Number of issues per year (at least 4);<br>Number of articles per year/issue;<br>Impact Factor, Indexing by International Databases                                                                                                                                                                                     | Editorial Board of the magazine "Bulletin of KSMA" | Budget of KSMA                    |
|     |                                                                                                                            | Creation of international scientific journals in various medical fields, in collaboration with leading universities, including universities in the BRICS countries and other foreign countries |  |  |  |  | An international editorial board has been established<br>Number and list of created and published international scientific journals                                                                                                                                                                                     | ONIKR, OMS                                         | Budget of KSMA, donors            |
|     |                                                                                                                            | Submission of research project results for awards (state and others)                                                                                                                           |  |  |  |  | Number of submitted projects<br>Number of awarded projects                                                                                                                                                                                                                                                              | departments                                        | Budget of KSMA                    |
|     |                                                                                                                            | Conducting the competition "Best Department for Scientific Work" (nomination in the competition "Best Department of the Year")                                                                 |  |  |  |  | Determining the winner                                                                                                                                                                                                                                                                                                  | OMKO, ONIKR                                        | Budget of KSMA                    |
|     |                                                                                                                            | Conducting the competition "Best Teacher in Publication Activity" (nomination in the competition "Best Teacher of the Year")                                                                   |  |  |  |  | Increasing satisfaction of faculty                                                                                                                                                                                                                                                                                      | OMKO, ONIKR                                        | Budget of KSMA                    |
| 5.4 | <b>Creating conditions for sustainable demand for innovative products and their implementation in practical healthcare</b> | Patenting of scientific research/development results                                                                                                                                           |  |  |  |  | Number of patents, copyright certificates                                                                                                                                                                                                                                                                               | ONIKR                                              | The KSMA budget is self-financing |
|     |                                                                                                                            | Development of regulations (instructions) for organizing work on the analysis and selection of a product/technology/method proposed for implementation                                         |  |  |  |  | Regulations/instructions for the analysis and selection of a product proposed for implementation                                                                                                                                                                                                                        | ONIKR                                              | Budget of KSMA, donors            |

|     |                                                                                       |                                                                                                                                                                                    |  |  |  |  |                                                                                                  |            |                        |
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|     |                                                                                       | Selection of a product/technology to be implemented, created as a result of R&D (health technology assessment (HTA))                                                               |  |  |  |  | Analytical report on the selection of a product/technology/method for market promotion           | ONIKR, NTK | Budget of KSMA, donors |
|     |                                                                                       | Organization and holding of exhibitions/seminars to promote innovative developments of KSMA to the market                                                                          |  |  |  |  | Number of exhibitions organized, Number of exhibits on display, including exhibits from the KSMA | ONIKR      | Budget of KSMA, donors |
|     |                                                                                       | Participation in national/international exhibitions of medical products/science                                                                                                    |  |  |  |  | Number of exhibitions in which KSMA participated; List of exhibits of KSMA                       | ONIKR      | Budget of KSMA, donors |
|     |                                                                                       | Submission of applications to Kyrgyzpatenton the possibility of granting the right to use an invention, utility model or industrial design (open license)                          |  |  |  |  | Number of KSMA developments submitted for open licensing                                         | ONIKR      | Budget of KSMA, donors |
|     |                                                                                       | Search for investors to promote scientific developments to the market. Obtaining government orders, business contracts                                                             |  |  |  |  | Volume of funds raised; Number of business contracts                                             | ONIKR      | Budget of KSMA, donors |
| 5.5 | <b>Scientific and qualification support for professional growth of teaching staff</b> | Organization of seminars and trainings jointly with the State Service for Intellectual Property and Innovation (Kyrgyzpatent)                                                      |  |  |  |  | Number of events held<br>Number of PPS participating in the events                               | ONiKR      | Budget of KSMA, donors |
|     |                                                                                       | Creation of a support system for scientific publications in foreign editions (consulting support for interaction with publishers, technical correction of English-language texts). |  |  |  |  | Number of publications in foreign publications that received support                             | ONiKR      | Budget of KSMA, donors |
|     |                                                                                       | Creation/updating of a list of scientific journals with a high impact factor (free publications/paid publications)                                                                 |  |  |  |  | The list created and posted on the website                                                       | ONiKR      | Budget of KSMA         |
|     |                                                                                       | Training of scientific personnel (postgraduate, doctoral studies)                                                                                                                  |  |  |  |  | Number of postgraduate/doctoral students<br>% defended on time                                   | ONiKR      | Budget of KSMA         |

|          |                                                                                                                                   |                                                                                                                                                               |  |  |  |  |                                                                                                                                  |                             |                        |
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|          |                                                                                                                                   | Participation of the KSMA faculty in prestigious international scientific conferences and symposia, etc.                                                      |  |  |  |  | Number of KSMA faculty members participating in international scientific events (conferences, symposia, etc.)                    | ONiKR                       | Budget of KSMA, donors |
|          |                                                                                                                                   | Organization and holding of seminars jointly with the Higher Attestation Commission of the Kyrgyz Republic, E-library, Antiplagiat, Scopus and Web of Science |  |  |  |  | Improving the level of scientific research and compliance of publications with international requirements                        | ONiKR, library              | Budget of KSMA, donors |
|          |                                                                                                                                   | Registration of KSMA employees in the International Databases RINTS, Scopus and Web of Science                                                                |  |  |  |  | % of registered employees: RSCI, Scopus, Web of Science                                                                          | ONiKR, departments          | Budget of KSMA         |
|          |                                                                                                                                   | See also section 8.3.                                                                                                                                         |  |  |  |  |                                                                                                                                  |                             |                        |
| 5.6      | <b>Development of international level problematic scientific laboratories</b>                                                     | Clustering of scientific equipment for the purpose of joint use by structural divisions of KSMA                                                               |  |  |  |  | Number of projects/departments sharing research equipment.                                                                       | ONiKR, MUNTSBMI Departments | Budget of KSMA         |
|          |                                                                                                                                   | Development of design documentation for the creation of interdepartmental/interuniversity scientific laboratories                                             |  |  |  |  | Number of projects; % of approved projects                                                                                       | ONiKR Departments           | Budget of KSMA, donors |
|          |                                                                                                                                   | Creation of integrated interdepartmental/interuniversity research laboratories in priority research areas                                                     |  |  |  |  | Number of created laboratories (mattech support in strategy 7)                                                                   | ONiKR, MUNTSBMI             | Budget of KSMA, donors |
| <b>6</b> | <b>STRATEGY6.ENSURING STRATEGIC PARTNERSHIPS WITH STAKEHOLDER ORGANIZATIONS, INTERNATIONAL COOPERATION</b>                        |                                                                                                                                                               |  |  |  |  |                                                                                                                                  |                             |                        |
| 6.1      | <b>Expansion and development of clinical bases for conducting industrial and technological practices of students, creation of</b> | Development of clinical mentoring programs based on the Tell-Show-Do learning model                                                                           |  |  |  |  | Number of clinical mentors;<br>Number of clinical mentors in the regions<br>% of students covered by clinical mentoring programs | FPMO, CRCNIOZ               | Budget of KSMA         |

|             |                                                                                                                                                        |                                                                                                                                                                                                        |  |  |  |  |                                                                                                                                                                                                                            |                             |                                                                 |
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|             | <b>branches on the basis of healthcare organizations</b>                                                                                               | Conclusion of long-term cooperation agreements with healthcare organizations of the Kyrgyz Republic, including the conclusion of agreements with primary health care centers (CMCs), as clinical bases |  |  |  |  | Total number of contracts;<br>Number of long-term contracts (more than 5 years);<br>% of contracts with state-owned enterprises;<br>% of contracts with private healthcare institutions<br>% of contracts with foreign OZs | ONiKR                       | Budget of KSMA                                                  |
|             |                                                                                                                                                        | Creation of educational, scientific and clinical complexes uniting the KSMA, specialized research institutes and clinical bases.                                                                       |  |  |  |  | Number of created scientific and clinical complexes                                                                                                                                                                        | ONiKR                       | Budget of KSMA donors                                           |
|             |                                                                                                                                                        | Round tables, working meetings on optimization of legal and economic relations between KSMA and healthcare organizations                                                                               |  |  |  |  | Number of meetings/round tables;<br>Quantity                                                                                                                                                                               | ONiKR                       | Budget of KSMA donors                                           |
|             |                                                                                                                                                        | Development of projects for the creation (construction) of the KSMA University Clinic/production centers, search for sources of financing                                                              |  |  |  |  | Project document, feasibility study<br>Where is the project submitted?                                                                                                                                                     |                             | Budget of KSMA donors                                           |
|             |                                                                                                                                                        | Development of projects for the creation of an educational and scientific center for practical skills in pharmacy                                                                                      |  |  |  |  | Project document, feasibility study;<br>Where is the project submitted?                                                                                                                                                    | Department of Pharm. Center | KGMA, donors                                                    |
| <b>6.2.</b> | <b>Using the medical potential of the KSMA to solve medical, diagnostic, scientific, practical and preventive problems of healthcare in the Kyrgyz</b> | Participation in working groups of the Ministry of Health of the Kyrgyz Republic on the development of Clinical Guidelines, clinical protocols, SOPs                                                   |  |  |  |  | Number of working groups of the Ministry of Health of the Kyrgyz Republic in which the teaching staff of the Kyrgyz State Medical Academy participated;<br>Number of protocols developed                                   | departments                 | Budget of the Ministry of Health of the Kyrgyz Republic, donors |

|            |                                                                                |                                                                                                                                                                                                                            |  |  |  |  |                                                                                                                                                                                                                                                                                                                                   |                                              |                                                         |
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|            | <b>Republic</b>                                                                | Participation in the commissions of the Ministry of Health of the Kyrgyz Republic on problematic issues                                                                                                                    |  |  |  |  | Number of faculty members involved in the commissions of the Ministry of Health of the Kyrgyz Republic                                                                                                                                                                                                                            |                                              | Budget of the Ministry of Health of the Kyrgyz Republic |
|            |                                                                                | Provision of advisory and medical-diagnostic assistance to practical healthcare                                                                                                                                            |  |  |  |  | Number of patient supervisions;<br>Number of consultations;<br>Number of shifts, including air ambulance<br>Number of reviewed case histories<br>Number of operations<br>Number of pathological autopsies;<br>Number of diagnostic manipulations/morphological studies performed;<br>Number of psychiatric examinations performed | ONiKR<br>Clinical departments                | Budget of KGMA/MZ, donors                               |
|            |                                                                                | Participation in clinical, clinical-anatomical conferences, consultations                                                                                                                                                  |  |  |  |  | Number of faculty members participating in clinical conferences; Number of teleconferences held                                                                                                                                                                                                                                   | Clinical departments                         | Budget of KGMA/MZ, donors                               |
|            |                                                                                | Organization and implementation of courses in medical fields for non-medical communities (first aid in emergency situations for employees of the Ministry of Emergency Situations, the Ministry of Internal Affairs, etc.) |  |  |  |  | Number of courses;<br>Number of trained                                                                                                                                                                                                                                                                                           | CDiNO, clinical departments                  | donors                                                  |
|            |                                                                                | Provision of medical services to the PPS at the MC KSMA                                                                                                                                                                    |  |  |  |  | Total number of services provided;<br>Number of services by type                                                                                                                                                                                                                                                                  | MC KSMA                                      | Budget of the Medical Center, donors                    |
| <b>6.3</b> | <b>Further development of academic mobility of students and teaching staff</b> | Organization of internal academic mobility of students within the framework of concluded agreements with universities of the Kyrgyz Republic                                                                               |  |  |  |  | Number of KSMA students who participated in exchange programs;<br>Number of students from other universities,<br>list of universities, duration of stay                                                                                                                                                                           | Compulsory Medical Insurance, dean's offices | Budget of KSMA donors                                   |
|            |                                                                                | Organization of international academic mobility of students within the framework of concluded inter-university agreements of foreign countries/international projects                                                      |  |  |  |  | Number of KSMA students participating in exchange programs;<br>The number of students from foreign universities who came to KSMA;<br>List of universities, duration of stay (number of hours/credits)                                                                                                                             | Compulsory Medical Insurance, dean's offices | Budget of KSMA donors                                   |



|            |                                                                                                |                                                                                                                                                                             |  |  |  |  |                                                                                                                                                                             |                                           |                       |
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|            |                                                                                                | Organization of international academic mobility of residents within the framework of concluded inter-university agreements of foreign countries/international projects      |  |  |  |  | Number of KSMA residents participating in exchange programs; Number of students from foreign universities;<br><br>List of Universities/Medical Centers, duration of stay    | Compulsory Medical Insurance, FPMO        | Budget of KSMA donors |
|            |                                                                                                | Issuance of the European Diploma Supplement                                                                                                                                 |  |  |  |  | Number of issued EPDs;<br><br>% of graduates who received the Unified Payment Document                                                                                      | SOC, dean's offices                       | Budget of KSMA        |
|            |                                                                                                | Organization of international academic mobility of teaching staff within the framework of concluded inter-university agreements of foreign countries/international projects |  |  |  |  | Number of KSMA faculty in exchange programs; Number of faculty of foreign universities who came to KSMA; List of universities/medical centers, disciplines; Number of hours | Compulsory Medical Insurance              | Budget of KSMA donors |
|            |                                                                                                | Organization and holding of master classes for students of KSMA by foreign specialists of medical centers/hospitals                                                         |  |  |  |  | The number of foreign teaching staff/specialists who came to conduct master classes;<br><br>Number of master classes conducted;<br>Number of participants                   | Compulsory Medical Insurance, departments | Budget of KSMA donors |
|            |                                                                                                | Participation of the faculty/staff of KSMA in working/business visits abroad, exchange of experience, expert work, conducting master classes                                |  |  |  |  | Number of faculty/employees who participated in working/business visits abroad, exchange of experience, expert work, conducting master classes                              | Compulsory Medical Insurance, departments | Budget of KSMA donors |
|            |                                                                                                | Organization and reception of foreign delegations/faculty of foreign universities/medical centers                                                                           |  |  |  |  | The number of foreign faculty/staff who came to KSMA to participate in conferences, Olympiads, exchange of experience, working/business visits, etc.)                       | Compulsory Medical Insurance, ONIKR       | Budget of KSMA donors |
|            |                                                                                                | See also 2.2.2-2.2.3, 3.4.8., 3.5.5., 5.5.6-5.5.9                                                                                                                           |  |  |  |  |                                                                                                                                                                             |                                           |                       |
| <b>6.4</b> | <b>Development of double degree programs, participation in large interdisciplinary network</b> | Analysis of the experience of universities in double degree programs and development of recommendations                                                                     |  |  |  |  | Analytical report report                                                                                                                                                    | UMO, OMS                                  | Budget of KSMA donors |

|  |                                   |                                                                                                                                                                                      |                                                                        |  |  |  |                                                                |                                                                                                      |                                                   |
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|  | <b>consortia and associations</b> | Conclusion of agreements with partner universities for the development of double degree programs                                                                                     |                                                                        |  |  |  | Number of concluded agreements, number of partner universities | Compulsory Medical Insurance, UMO                                                                    | Budget of KSMA donors                             |
|  |                                   | Concluding agreements with non-medical universities to develop curricula/modules on healthcare management within the framework of double degree programs/interdisciplinary consortia |                                                                        |  |  |  | Number of contracts<br>List of universities                    | Compulsory medical insurance, department of general health care                                      | Budget of KSMA donors                             |
|  |                                   | Development of curricula within the framework of double degree programs, as well as a mechanism for mutual recognition of learning outcomes in partner universities                  |                                                                        |  |  |  | Number of developed and approved programs,                     | UMO, OMS                                                                                             | Budget of KSMA donors                             |
|  |                                   | Development of training programs/modules in Healthcare Management within the framework of double degree programs/interdisciplinary consortia                                         |                                                                        |  |  |  | Approved programs                                              | Compulsory medical insurance, department of general health care                                      | Budget of KSMA donors                             |
|  |                                   | Development of a regulatory framework for double/joint degree programs                                                                                                               |                                                                        |  |  |  | List and number of developed regulatory legal acts             | Working group of the Ministry of Education and Science                                               | Budget of KSMA donors                             |
|  |                                   | Implementation of double degree programs, issuance of two diplomas or a joint diploma                                                                                                |                                                                        |  |  |  | Number of double/joint degrees issued                          | UMO, JUICE                                                                                           | Budget of KSMA                                    |
|  |                                   | Participation in interdisciplinary/international consortia for the implementation of scientific, innovative and educational projects                                                 |                                                                        |  |  |  | Number of consortiums in which KSMA participates               | UMO, OMS                                                                                             | Budget of KSMA donors                             |
|  | <b>6.5</b>                        | <b>Strengthening international relations of KSMA in conducting joint research and innovation</b>                                                                                     | Search for research programs and funds funding joint research projects |  |  |  |                                                                | List of research programs and funds;<br>Number of applications submitted, % of applications approved | ONiKR<br>Compulsory Medical Insurance departments |

|            |                                                                                   |                                                                                                                                                      |  |  |  |  |                                                                                                                                                                                                              |                                          |                       |
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|            | <b>work, creating joint scientific, educational and innovative structures</b>     | Search for potential partners to involve in research projects in research areas, establishing contacts                                               |  |  |  |  | Constantly updated database of potential foreign partners;<br>Number of contracts concluded                                                                                                                  | Compulsory Medical Insurance departments | Budget of KSMA donors |
|            |                                                                                   | Collection of abstracts for research and innovative research projects containing the potential of promising scientific areas of the KSMA departments |  |  |  |  | Bank of abstracts of promising scientific directions of departments                                                                                                                                          | ONiKR departments                        | Budget of KSMA donors |
|            |                                                                                   | Creation of consortia with research centers and manufacturing firms for the purpose of conducting large-scale research and innovation developments   |  |  |  |  | Number of consortium agreements, number of consortia                                                                                                                                                         | ONiKR departments                        | Budget of KSMA donors |
|            |                                                                                   | Development of design documentation for the creation of joint scientific laboratories.                                                               |  |  |  |  | Number of prepared project applications and proposals                                                                                                                                                        | ONiKR, MUNTSBMI, departments             | Budget of KSMA donors |
|            |                                                                                   | See also paragraphs 6.1.2, 6.1.3, 6.4.6,                                                                                                             |  |  |  |  |                                                                                                                                                                                                              |                                          |                       |
| <b>6.6</b> | <b>Development of strategic partnership between KSMA and business communities</b> | Organization of targeted admission to KSMA of students paid for by the business community/company (educational loans, scholarships)                  |  |  |  |  | Number of targeted students from business;<br>Number of graduates employed through targeted training                                                                                                         | Admissions Committee, FPMO               | Donors                |
|            |                                                                                   | Conducting a branch-marking analysis of the activities of the KSMA, SUNK, MUNCB, High-Altitude Scientific and Medical Center named after Raimzhanov, |  |  |  |  | Analytical reports with recommendations                                                                                                                                                                      | OMKO, OFERIBU                            | Budget of KSMA donors |
|            |                                                                                   | Organization of student internships/internships for residents at private healthcare organizations                                                    |  |  |  |  | Number of students who completed internships at private clinics;<br>Number of residents who completed internships at private clinics;<br>Number of private clinics where KSMA students/residents are trained | Sector of industrial practice, FPMO      | Budget of KSMA donors |
|            |                                                                                   | Conducting round tables, meetings with representatives of business communities on cooperation in the field of innovation and education               |  |  |  |  | Number of contracts concluded for innovative development                                                                                                                                                     | OMKO, departments                        | Budget of KSMA donors |
|            |                                                                                   | Conducting a job fair with the participation of representatives of business communities/private companies                                            |  |  |  |  | Number of business companies that took part in the job fair;<br>Number and % of employed graduates                                                                                                           | ONiKR, dean's offices, FPMO              | Budget of KSMA donors |

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|                                                                                                                                                                                  |                                                                                                                                                                                           | Establishment of the KSMA endowment fund (development of the possibility of creation, development of regulatory documents, etc.)                     |  |  |  |                                                                                       | Availability of a fund and a package of documents                                | OMKO, OYuIKR                             | Budget of KSMA donors    |
|                                                                                                                                                                                  |                                                                                                                                                                                           | Preparation of a package of documents for the creation of joint training and production centers/business incubators                                  |  |  |  |                                                                                       | Number of created joint training and production centers/business incubators      | UMO, ONIKR, AHR                          | Budget of KSMA donors    |
|                                                                                                                                                                                  |                                                                                                                                                                                           | Development of student startups                                                                                                                      |  |  |  |                                                                                       | Number of students in the business incubator, number of startups in acceleration | SS, OViKMR                               | Budget of KSMA donors    |
|                                                                                                                                                                                  |                                                                                                                                                                                           | Development of cooperation with pharmaceutical companies in the field of development of innovative pharmaceuticals, pre-clinical and clinical trials |  |  |  |                                                                                       | Number of cooperation agreements with pharmaceutical companies                   | Departments of the Pharmaceutical Center | Pharmaceutical companies |
|                                                                                                                                                                                  |                                                                                                                                                                                           | Development of public-private partnership projects                                                                                                   |  |  |  |                                                                                       | List of prepared projects                                                        | OYuIKR, AHR                              | Budget of KSMA donors    |
| <b>7</b>                                                                                                                                                                         | <b>STRATEGY7.IMPROVEMENT OF THE SYSTEM OF EDUCATIONAL WORK ADEQUATE TO THE MODERN NEEDS OF SOCIETY</b>                                                                                    |                                                                                                                                                      |  |  |  |                                                                                       |                                                                                  |                                          |                          |
| <b>7.1</b>                                                                                                                                                                       | <b>Formation of a worldview and a system of basic values of the individual, universal moral standards, commitment topreserving and enhancing the moral and cultural values of society</b> | Conducting the day of "Initiation into KSMA students" with the taking of the KSMA student oath                                                       |  |  |  |                                                                                       | Number of meetings held                                                          | OViOMR, Dean's Offices                   | Budget of KSMA           |
| Activities to develop students' sustainable positive attitudes towards the institution of the family, respect for parents, the older generation, care for the younger generation |                                                                                                                                                                                           |                                                                                                                                                      |  |  |  | Number and name of events, number of participants, Number of parents who participated | OVIOMR, SS                                                                       | Budget of KSMA                           |                          |
| Events to maintain interethnic and international harmony among students (Friendship of Peoples, Peace in the World, etc.)                                                        |                                                                                                                                                                                           |                                                                                                                                                      |  |  |  | List and number of events                                                             | OViOMR, dean's offices, SS                                                       | Budget of KSMA                           |                          |
| Events to develop an understanding of civic duty and patriotism, love and service to the Fatherland, to one's people                                                             |                                                                                                                                                                                           |                                                                                                                                                      |  |  |  | Number and name of events, number of participants,                                    | OViOMR, Dean's Offices, departments                                              | Budget of KSMA                           |                          |

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|     |                                                                                                                                                                                        | Formation activities civic and social position through participation in academic, city, republican events, actions that have a humanistic, social and moral-psychological focus: |  |  |  |  | List and number of events;<br>Number of participants                                     | OVIOMR, SS                                                                        | Budget of KSMA                           |                                      |
|     |                                                                                                                                                                                        | Conducting "Days of Traditions and Customs of the Peoples of Kyrgyzstan and Other Countries" diversity of cultures and peoples of the world                                      |  |  |  |  | List of events carried out<br>Number of students who took part in them                   | OViOMR, dean's offices, departments                                               | Budget of KSMA, donors                   |                                      |
|     |                                                                                                                                                                                        | December 4 - "Manas" eposun belgileo kunun. Mamlekettik tildin baaluulugun arttyruu, "Manas" eposundagy medicinany bugunku kun menen baylanyshy                                  |  |  |  |  | List of events held,<br>Number of participants                                           | SRGU, departments                                                                 | Budget of KSMA                           |                                      |
|     |                                                                                                                                                                                        | Events dedicated to the days of the "state flag" (March 3) and "Ak Kalpak and national clothing" (March 5)                                                                       |  |  |  |  | Number of staff and students who participated<br>Number of events                        | SRGS, Deans' offices, departments                                                 | Budget of KSMA                           |                                      |
|     |                                                                                                                                                                                        | "Nooruz" mayramyn belgilo boyuncha ish charalary                                                                                                                                 |  |  |  |  | Number of participants, program                                                          | OViMR                                                                             | Budget of KSMA                           |                                      |
|     |                                                                                                                                                                                        | Informing young people about the Development Strategies of society and the state (Millennium Development Strategy), human progress                                               |  |  |  |  | List and number of events<br>Number of participants                                      | OViMR, OMKO                                                                       | Budget of KSMA                           |                                      |
|     |                                                                                                                                                                                        | Events aimed at developing the spiritual world and aesthetic development (trip to theaters, exhibitions, museums, etc.);                                                         |  |  |  |  | List and number of events<br>Number of participants                                      | OViMR, curators                                                                   | Budget of KSMA, donors                   |                                      |
| 7.2 | <b>Formation of a new multilingual generation of students who are fluent in their native, state, official, and international languages, and increase the level of language culture</b> | Conducting events dedicated to «Mamlekettik til kunun»/"State Language Day"(September 23)                                                                                        |  |  |  |  | Number of students involved in the event;<br>Number of departments involved in the event | OVIOMR, SRGS, departments                                                         | Budget of KSMA                           |                                      |
|     |                                                                                                                                                                                        | Events dedicated to International Mother Language Day (February 21)                                                                                                              |  |  |  |  | Number of students involved in activities;<br>Number of activities                       | OVS, Dean's offices, departments                                                  | Budget of KSMA, donors                   |                                      |
|     |                                                                                                                                                                                        | Organization of courses on studying the state Kyrgyz language for teaching staff and employees                                                                                   |  |  |  |  |                                                                                          | Educational program and curriculum<br>Course License                              | CDiNO, SRGS, kyrgyz language department, | Budget of KSMA, donors               |
|     |                                                                                                                                                                                        | Training of teaching staff and employees in Kyrgyz language courses                                                                                                              |  |  |  |  |                                                                                          | Number of employees who completed courses; % of employees by language proficiency | CDiNO                                    | The budget of KSMA is self-financing |
|     |                                                                                                                                                                                        | Training of faculty and staff on office work courses in Kyrgyz language                                                                                                          |  |  |  |  |                                                                                          | Number of faculty and staff who completed courses; % of documents in Kyrgyz       | CDiNO                                    | Budget of KSMA, donors               |

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|            |                                                                                                                                                                              | Expanding office work in the Kyrgyz language. Development of document templates in the Kyrgyz language                                                                                                                                  |  |  |  |  |  | % of documents in Kyrgyz language from 36% to 75% by 2025, by 2030 – 100%                                      | SRGS                                 | Budget of KSMA         |
|            |                                                                                                                                                                              | Increasing the number of students studying in Kyrgyz                                                                                                                                                                                    |  |  |  |  |  | Number of groups and number of students studying in Kyrgyz language                                            | Admissions Committee, Dean's Offices | Budget of KSMA         |
|            |                                                                                                                                                                              | Revision of Kyrgyz language curricula by language proficiency levels                                                                                                                                                                    |  |  |  |  |  | Number of revised/developed curricula                                                                          | Department of Kyrgyzstan language    | Budget of KSMA, donors |
|            |                                                                                                                                                                              | Conducting monitoring and evaluation of structural units for the implementation of the state language                                                                                                                                   |  |  |  |  |  | Evaluation report with recommendations                                                                         | SRGS                                 | Budget of KSMA         |
|            |                                                                                                                                                                              | Expansion of the list of foreign languages for which courses are organized at the Center for the Study of Foreign Languages of the KSMA                                                                                                 |  |  |  |  |  | Number of people trained;<br>Number of languages studied in the CRIG<br>Number of additional image programs    | CITY                                 | Budget of KSMA, donors |
|            |                                                                                                                                                                              | Organization of student conversation clubs in English/German/French and other languages.                                                                                                                                                |  |  |  |  |  | Number of people who visited the conversation club                                                             | CII, SS                              | Budget of KSMA, donors |
|            |                                                                                                                                                                              | Development of a Russian-Kyrgyz medical dictionary                                                                                                                                                                                      |  |  |  |  |  | Dictionary publication, circulation                                                                            |                                      |                        |
| <b>7.3</b> | <b>Formation of legal knowledge in students, a responsible attitude towards compliance with laws, academic traditions, education in the spirit of university corporatism</b> | Determination of the need for the development of materials necessary for improving legal knowledge and organizing legal education of students of KSMA                                                                                   |  |  |  |  |  | Analytical report with recommendations                                                                         | OVIOMR<br>OYuIKR                     | Budget of KSMA         |
|            |                                                                                                                                                                              | Development of materials/documents on legal knowledge and legal education of students                                                                                                                                                   |  |  |  |  |  | Number of documents developed and approved                                                                     | OVIOMR<br>OYuIKR                     | Budget of KSMA         |
|            |                                                                                                                                                                              | Preparation and posting on the KSMA website of educational materials on the fundamentals of law and education of legal culture in KSMA                                                                                                  |  |  |  |  |  | The number of materials prepared and posted on the site                                                        | OVIOMR<br>OYuIKR                     | Budget of KSMA         |
|            |                                                                                                                                                                              | Introducing KSMA students to knowledge about the state and law, legality, rights and freedoms of the individual, understanding the essence of legal teachings, doctrines, developing a stable orientation towards law-abiding behavior. |  |  |  |  |  | Number of events (meetings, discussions, debates, lectures);<br>Number of students who took part in the events | OVIOMR<br>OYuIKR<br>Departments      | Budget of KSMA, donors |

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|            |                                                                                                           | Conducting meetings, debates, debate clubs, etc. on legal knowledge, on studying regulatory and other local acts of KSMA in the field of rights and obligations of students, rules of conduct, corporate ethics, information policy |  |  |  |  |  | Number of events (meetings, discussions, debates, lectures);<br>Number of students who took part in the events | OVIOMR, SS                  | Budget of KSMA, donors              |
|            |                                                                                                           | Events aimed at maintaining traditions, the spirit of corporateism and holidays associated with important historical events of KSMA.                                                                                                |  |  |  |  |  | Number of events held<br>% of students who participated in each event out of the total number                  | OVIOMR, SS                  | Budget of KSMA                      |
| <b>7.4</b> | <b>Ensuring the development of creative personality and social and psychological support for students</b> | Development of the website and pages in social networks of KSMA on extracurricular life of students                                                                                                                                 |  |  |  |  |  | Updating information on the site, Increasing the number of visits to the site                                  | OVIOMR, SS, Press Service   | Budget of KSMA<br>Search for donors |
|            |                                                                                                           | Development of vocal creativity among students                                                                                                                                                                                      |  |  |  |  |  | Number and name of creative teams;<br>Number of participants                                                   | OVIOMR, SS                  | Budget of KSMA, donors              |
|            |                                                                                                           | Development of dance studios and clubs,                                                                                                                                                                                             |  |  |  |  |  | Number and name of creative teams;<br>Number of participants                                                   | OVIOMR, SS                  | Budget of KSMA, donors              |
|            |                                                                                                           | Development of musical instrumental creativity                                                                                                                                                                                      |  |  |  |  |  | Number and name of creative teams;<br>Number of participants                                                   | OVIOMR, SS                  | Budget of KSMA, donors              |
|            |                                                                                                           | Development of student theater of variety shows, including KVN                                                                                                                                                                      |  |  |  |  |  | Number and name of creative teams;<br>Number of participants                                                   | OVIOMR, SS                  | Budget of KSMA, donors              |
|            |                                                                                                           | Development of clubs, games aimed at developing creative thinking, expanding worldview (What? Where? When?)                                                                                                                         |  |  |  |  |  | Number and name of creative teams;<br>Number of participants                                                   | OVIOMR, SS                  | Budget of KSMA, donors              |
|            |                                                                                                           | Conducting art exhibitions/photo competitions among students ("The World through the Eyes of Doctors")                                                                                                                              |  |  |  |  |  | Number of events, Number of participants                                                                       | OVIOMR, SS                  | Budget of KSMA, donors              |
|            |                                                                                                           | Development of a student mentoring program (mentoring)                                                                                                                                                                              |  |  |  |  |  | Number of events, Number of participants                                                                       | OVIOMR, SS, dean's offices  | Budget of KSMA, donors              |
|            |                                                                                                           | Conducting an annual Freshman Orientation Week with senior student volunteers                                                                                                                                                       |  |  |  |  |  | Number of events, Number of participants                                                                       | SS, Dean's offices          | Budget of KSMA                      |
|            |                                                                                                           | Conducting career guidance work among schoolchildren "Open Doors Day"                                                                                                                                                               |  |  |  |  |  | Number of events, Number of participants                                                                       | Deans' offices, departments | Budget of KSMA                      |
|            |                                                                                                           | Psychological counseling of students on resolving crisis situations, etc.                                                                                                                                                           |  |  |  |  |  | Number of students who sought help, number of consultations                                                    | Department of Psychology    | Budget of KSMA                      |

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| 7.5 | <b>Formation of personal qualities necessary for effective professional activity, professional ethics and honor</b> | Discussion student evenings on the rights of doctors and patients                                                                                                                                                  |  |  |  |  | List of events<br>Number of participants                                       | OViOMR,<br>OYuIKR, SS                          | Budget of<br>KSMA         |
|     |                                                                                                                     | Meetings with outstanding figures in medical science and practice "The Path We Choose"                                                                                                                             |  |  |  |  | List of meetings<br>Number of students who participated                        | OVIOMR, SS                                     | Budget of<br>KSMA         |
|     |                                                                                                                     | Conducting meetings, debates, etc. on professional ethics and deontology of health workers, forms of behavior and communication                                                                                    |  |  |  |  | List of events<br>Number of participants                                       | OViOMR, SS,<br>Departments                     | Budget of<br>KSMA         |
|     |                                                                                                                     | Development and expansion of the volunteer movement within the framework of practical training of students and acquisition of professional competencies.                                                           |  |  |  |  | Number and list of volunteer programs, societies                               | OVIOMR, PP UMO,<br>Departments, deans' offices | Budget of<br>KSMA, donors |
|     |                                                                                                                     | Involving students in participation in charity events, providing medical and preventive care to orphans, the elderly, and the disabled                                                                             |  |  |  |  | List of actions/assistance carried out,<br>Number of students who participated | OVIOMR, SS,<br>departments                     | Budget of<br>KSMA, donors |
|     |                                                                                                                     | Patronage of an orphanage in Bishkek (material assistance, seminars on instilling personal hygiene skills, etc.)                                                                                                   |  |  |  |  | Number of students who participated                                            | OVIOMR, SS                                     | Budget of<br>KSMA         |
|     |                                                                                                                     | Patronage of a nursing home in Bishkek (organization of a clean-up day on the home's territory)                                                                                                                    |  |  |  |  | Number of students who participated                                            | OVIOMR, SS                                     | Budget of<br>KSMA, donors |
| 7.6 | <b>Cultivating the individual's internal need for a healthy lifestyle</b>                                           | Involving students in promoting a healthy lifestyle (holding meetings, lectures, quizzes, flash mobs, etc.). Promoting the fight against alcoholism, smoking, drug addiction                                       |  |  |  |  | Number of events,<br>Number of students who took part                          | OViOMR, SS,<br>departments                     | Budget of<br>KSMA, donors |
|     |                                                                                                                     | HIV-AIDS prevention activities - "World AIDS Day"                                                                                                                                                                  |  |  |  |  | Number of events,<br>Number of students who took part                          | OViOMR,<br>department.<br>epidemics            | Budget of<br>KSMA, donors |
|     |                                                                                                                     | Implementation of the project "Morning of a cheerful day" in social networks and on the KSMA website (project participants post a video of their own physical exercise or practical advice on a healthy lifestyle) |  |  |  |  | Number of published videos,<br>Number of page visits                           | OViOMR, press<br>service, SS                   | Budget of<br>KSMA         |



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|            |                                                                                               | Conducting Spartakiads, competitions in various sports                                                                                                                |  |  |  |  | Number of events,<br>Number of students who took part                                                            | Department of Physical Education, SS, OVIOMR | Budget of KSMA, donors |
|            |                                                                                               | Expansion of sports sections for students in various sports                                                                                                           |  |  |  |  | Number of sports sections,<br>Number of people visiting sections                                                 | Department of Physical Education             | Budget of KSMA, donors |
|            |                                                                                               | Events dedicated to World Health Day (April 7)                                                                                                                        |  |  |  |  | Number of events,<br>Number of students who took part                                                            | OVIOMR, dean's offices, SS                   | Budget of KSMA, donors |
| <b>7.7</b> | <b>Formation of a responsible attitude towards the natural and socio-cultural environment</b> | Conducting student clean-up days ("Green Spring", "Leaf Fall", "My Home - KSMA")                                                                                      |  |  |  |  | Number of meetings.<br>Number of participants in the event                                                       | OVIOMR, Deans' offices, departments          | Budget of KSMA, donors |
|            |                                                                                               | Survey of students "Ecological culture of youth"                                                                                                                      |  |  |  |  | Number of respondents<br>Analytical report with recommendations                                                  | SS, OMKO                                     | Budget of KSMA, donors |
|            |                                                                                               | Competition for the best student environmental project "My Green University"                                                                                          |  |  |  |  | Number of submitted projects<br>The winning project                                                              | OVIOMR, SS                                   | Budget of KSMA, donors |
|            |                                                                                               | Implementation of winning environmental projects                                                                                                                      |  |  |  |  | Project indicators                                                                                               | OVIOMR, SS                                   | Budget of KSMA, donors |
|            |                                                                                               | Implementation of separate waste collection in KGMA                                                                                                                   |  |  |  |  | Separate waste collection + project indicators                                                                   | OVIOMR, SS, AHC                              | Budget of KSMA, donors |
|            |                                                                                               | Conducting the "5 kilometers without plastic" campaign for the World Day without plastic bags.                                                                        |  |  |  |  | Number of participants in the event                                                                              | OVIOMR, departments                          | Budget of KSMA, donors |
|            |                                                                                               | Local history excursions "Look how beautiful it is - the region where you live"                                                                                       |  |  |  |  | Number of participants in the event                                                                              | OVIOMR, departments                          | Budget of KSMA, donors |
|            |                                                                                               | Other environmental actions and events                                                                                                                                |  |  |  |  | List of events, number of participants                                                                           | OVIOMR, SS                                   | Budget of KSMA, donors |
| <b>7.8</b> | <b>Development of a student co-government system</b>                                          | Revision and development of documents regulating the principles and organization of student self-government bodies at KSMA (Regulations on the student council, etc.) |  |  |  |  | Developed and approved provisions                                                                                | OVIOMR, SS, Students' union                  | Students' union        |
|            |                                                                                               | Conducting elections to student co-government bodies - Faculty Student Council, KSMA Student Council, Councils of interest clubs                                      |  |  |  |  | Annual report on the activities of student government bodies.<br>Composition of the student co-government bodies | OVIOMR, SS, Students' union                  | Students' union        |
|            |                                                                                               | Involvement of students in the work of public councils of KSMA                                                                                                        |  |  |  |  | % of public councils with inclusion of students, Number of students in public councils of KSMA                   | OVIOM, SS, Students' union                   | Budget of KSMA         |

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|  |  | Development of evaluation criteria and forms of competitions “Best student of the faculty”, “Best head of the faculty”, “Best academic group of the faculty” |  |  |  |  | Regulations/criteria for the competition  | OViOM,<br>SS,<br>Students' union                | Students' union |
|  |  | Conducting competitions "Best student of the faculty", "Best head of the faculty", "Best academic group at the faculty"                                      |  |  |  |  | Report on the results of the competition. | OVIOMR,<br>SS, St. Trade Union<br>Dean's Office | Students' union |