**Annex no. 2**

**to the Methodological Norms**

***Annex 2a. Individual/preliminary/final evaluation report for research organizations referred to in art. 7, 8 and 8^1 of Government Ordinance no. 57/2002, approved with amendments and additions by Law no. 324/2003, with subsequent amendments and additions, which declare as their field of activity “fundamental research”, except for state or private higher education institutions***

**INDIVIDUAL/PRELIMINARY/FINAL EVALUATION REPORT**

***(as appropriate)***

**Research organization name: ...**

**Period under evaluation: ...**

**Date of visit: ...**

**Composition of the team of independent expert evaluators**

**Evaluator 1 information – rapporteur for the independent expert evaluation team**

**Surname and first name: ...**

**Evaluator 2 information**

**Surname and first name: ...**

**Evaluator 3 information**

**Surname and first name:**

The scores for the indicators related to general criteria I and II are established by correlating the results with the number of researchers (CS I, CS II, CS III), full-time equivalent, affiliated to the evaluated research organization.

Only the results provided under indicators II.1 and II.2 will be taken into account, for which the author has declared his/her affiliation with the respective research organization.

The performance indicators associated with an indicator are non-cumulative.

In the case of research organizations without legal personality, the scores for general criteria III-VI are to be established by also analysing the institution’s indicators to which they are subordinated.

| **GENERAL CRITERION** | **INDICATORS** | **MAXIMUM SCORE** | **SCORE OBTAINED** | **COMMENT** |
| --- | --- | --- | --- | --- |
| **I. DEVELOPMENT AND INNOVATION ACTIVITY** | I.1 The capacity to attract and manage research funding | 10 |  |  |
| I.2 Organized scientific events | 3 |  |  |
| I.3 The capacity to develop services, technologies, products | 10 |  |  |
| I.4 Editing and publishing the research organization's own journals or with the involvement of the organization's researchers | 3 |  |  |
| I.5 The capacity to train young researchers (PhD, postdoc) | 8 |  |  |
| **TOTAL** | **34** |  |  |

**Indicator I.1 The capacity to attract and manage research funding**

* *Analyse the extent to which the research organization demonstrates its capacity to attract funds from competitively won grants/contracts obtained from national or international organizations/institutions and also to manage the available financial resources.*
* *The performance indicators associated with indicator I.1 are:*
* *Contracts obtained/grants won by the research organization from European/international funds (number);*
* *The value of contracts obtained/grants won by the research organization from international organizations/institutions (amounts in the research organization's accounting records coming from international contracts/grants, expressed as a percentage of the total budget);*
* *Contracts obtained/grants won by the research organization from national organizations/institutions (number);*
* *The value of contracts obtained/grants won by the research organization from national organizations/institutions (amounts in the research organization's accounting records coming from national contracts/grants, expressed as a percentage of the total budget);*
* *The structure of the budget according to the specificity of the research organization over the last 5 years.*
* *Analyse the share of funds attracted through national/international project competitions and contracts obtained relative to the organization's overall budget.*
* *Evaluate mainly the organization’s ability to win competitively grants/contracts from national and international organizations/institutions.*

**Indicator I.2 Organized scientific events**

* *Analyse the extent to which the research organization, in order to disseminate the results of scientific research, has organized, both as coordinator and in partnership with other research organizations, international and/or national scientific events (congresses, conferences, symposia, workshops) or summer schools.*
* *The performance indicators associated with indicator I.2 are:*
* *Organized international summer schools or scientific events (congresses, conferences, symposia, workshops);*
* *Organized national summer schools or scientific events (congresses, conferences, symposia, workshops);*
* *Evaluate mainly the organization of international scientific events.*

*Note: In the case of international scientific events (organized with physical presence or in hybrid format), a minimum of 20% of participants from abroad is taken into consideration.*

**Indicator I.3 The capacity to develop services, technologies, products**

* *Analyse the extent to which the research organization has societal, economic and social impact demonstrated by the capacity to develop services, technologies, products, reflected, according to the research organization’s mission, in products/technologies/ developed/posted methodologies /reports/publications/public interest studies/research services/consultancy/impact studies.*
* *The performance indicators associated with indicator I.3 are:*
* *Products/technologies/methodologies developed through research activities resulting from economic or scientific research contracts;*
* *Technologies and services made available to other research centers on a contract/collaboration project basis (including posted on EERTIS - https://eertis.eu/) or Open access;*
* *Reports/studies of public interest or with private beneficiaries.*
* *Evaluate mainly, relative to the scientific research organization’s mission, the extent to which the scientific research organization demonstrates the capacity to develop services, technologies, products for public or private beneficiaries through: reports/studies/research services /consulting /software systems for editing, publishing and online consultation of scientific information/theoretical studies with social impact or in other sciences, obtained through competition, commissioned or carried out at the request of beneficiaries, or with social impact or in other sciences proven by official documents/contractual relations/requests/orders.*

**Indicator I.4 Editing and publishing the research organization's own journals or with the involvement of the organization's researchers**

* *Analyse the extent to which the research organization demonstrates the capacity to contribute to the process of disseminating the results of quality scientific research by editing and publishing its own journals indexed in Web of Science or other recognized international databases specific to the field, and the extent to which the researchers in the organization are involved in editing and publishing journals indexed in recognized international databases (Web of Science, etc.).*
* *The performance indicators associated with indicator I.4 are:*
* *The research organization is editing and publishing its own journal indexed in Web of Science (Journal Citation Reports Q1/Q2/Q3/Q4, Emerging Sources Citation Index or, in addition, Arts & Humanities Citation Index, for the humanities), SCOPUS;*
* *The research organization is editing and publishing its own journal indexed in CNCS (A or B) or in another recognized domain-specific IDB;*
* *Persons affiliated with the evaluated research organization fulfilling the role of editor-in-chief of a Web of Science indexed journal (Journal Citation Reports Q1/Q2/Q3/Q4, Emerging Sources Citation Index or, in addition, Arts & Humanities Citation Index, for the humanities), SCOPUS;*
* *Persons affiliated with the evaluated research organization from the humanities field fulfilling the role of editor-in-chief of a CNCS (A or B) indexed journal.*
* *Evaluate mainly, relative to the available resources, the extent to which the research organization demonstrates the capacity to edit and publish its own journal indexed in recognized international databases, and also a high degree of involvement from the researchers in the organization in editing and publishing journals indexed in recognized international databases.*

*Note: In the case of journals indexed in Journal Citation Reports, will be taken into consideration the impact factors (IF) or the influence scores (AIS) calculated by Web of Science.*

*The best Q1, Q2, Q3 or Q4 ranking (between IF and AIS) of the last 5 editions published by Journal Citation Reports relative to the year of evaluation is considered.*

**Indicator I.5. The capacity to train young researchers (PhD, postdoc)**

* *Analyse the extent to which the research organization contributes to the training of young researchers (doctoral and postdoctoral studies) in relation to preparing doctoral theses in sectors/departments of the research organization, participations of researchers from the research organization as members of doctoral thesis public defence committees or doctoral thesis guidance committees, researchers working in the research organization with the quality of doctoral supervisor or POSDRU/ POCU/ MSCA/ / PNCDI/ PNRR projects of postdoctoral and doctoral research won/implemented by the research organization.*
* *The performance indicators associated with indicator I.5 are:*
* *Doctoral theses prepared or postdoctoral fellowships carried out in sectors/departments of the research organization;*
* *Researchers affiliated with the research organization, who have participated as members in a doctoral thesis public defence committee or a doctoral thesis guidance committee;*
* *Doctoral supervisors working in the research organization;*
* *POSDRU/POCU/MSCA/PNCDI/PNRR postdoctoral and doctoral research projects won/implemented by the research organization;*
* *PhD students/postdoctoral researchers within the research organization.*
* *Evaluate mainly whether the research organization demonstrates that it has contributed to the training of young researchers (doctoral and postdoctoral studies) by having researchers from the evaluated research organization fulfilling the role of doctoral supervisors, the capacity to attract doctoral/postdoctoral researchers in the research organization, the capacity to prepare PhD theses in sectors/departments of the evaluated research organization, participations of researchers from the research organization as members in doctoral thesis public defence committees and doctoral thesis guidance committees or through POSDRU/POCU/MSCA/PNCDI/PNRR postdoctoral and doctoral research projects won/implemented by the research organization.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **GENERAL CRITERION** | **INDICATORS** | **MAXIMUM SCORE** | **SCORE OBTAINED** | **COMMENT** |
| **II. RESULTS OF RESEARCH ACTIVITY AND IMPACT AT INTERNATIONAL AND NATIONAL LEVEL** | **II.1** Works of wide scope and fundamental importance; books, treatises, encyclopaedias, monographs, coordinated/published/edited studies and chapters; published articles; patents applied/exploited/obtained | 50 |  |  |
| **II.2** Papers and communications presented at scientific events | 6 |  |  |
| **II.3** Visibility and impact of the published work | 10 |  |  |
| **TOTAL** | **66** |  |  |

**Indicator II.1 Works of wide scope and fundamental importance; books, treatises, encyclopaedias, monographs, coordinated/published/edited studies and chapters; published articles; patents applied/exploited/obtained**

* *Analyse the productivity of the research organization relative to the available resources (including human resources), respectively to the funding received by the research organization, from the perspective of the scientific output materialized, according to the specific mission of the research organization in: treatises/books/monographs published by the researchers of the research organization as authors or editors with established international and national publishing houses, chapters in these categories of publications, articles published in indexed journals (Journal Citation Reports Q1, Q2, Q3, Q4, Emerging Sources Citation Index or, in addition, Arts & Humanities Citation Index, for humanities), SCOPUS, IEEE or CNSC (A or B) indexed, critical editions, patents applied/exploited/obtained.*
* *The performance indicators associated with indicator II.1 are:*
* *Dictionaries, atlases, encyclopaedias (printed or online);*
* *Treatises/books/monographs published by an established publishing house from abroad, as an author;*
* *Treatises/books/monographs published by an established publishing house from abroad, as an editor/coordinator;*
* *Treatises/books/monographs published by the Romanian Academy Publishing House, as an author;*
* *Treatises/books/monographs published by the Romanian Academy Publishing House, as an editor/coordinator;*
* *Treatises/books/monographs published by a CNCS A or B classified publishing house (in the case of humanities) or by an established publishing house in the country (in the case of other fields), as an author;*
* *Treatises/books/monographs published by a CNCS A or B classified publishing house (in the case of humanities) or by a recognized publishing house in the country (in the case of other fields), as an editor/coordinator;*
* *Chapters in treatises/books/monographs published by an established publishing house from abroad;*
* *Chapters in treatises/books/monographs published by the Romanian Academy Publishing House;*
* *Chapters in treatises/books/monographs published by a CNCS A or B classified publishing house (in the case of humanities) or by an established national publishing house (in the case of other fields);*
* *Articles published in a journal indexed in Web of Science (Journal Citation Reports Q1, Q2, Q3, Q4, Emerging Sources Citation Index or, in addition, Arts & Humanities Citation Index, for humanities), SCOPUS, IEEE;*
* *Articles published in a journal indexed in CNSC (A or B) for humanities;*
* *Registered and published patent applications;*
* *Patents applied/exploited at national or international level or exploited at international level (with EU/OECD priority);*
* *Patents obtained at international (with EU/OECD priority) or national level.*
* *Evaluate mainly a high level of productivity of the research organization in terms of scientific output, materialized, according to the specific mission of the research organization, in dictionaries, atlases, encyclopaedias (printed or online), treatises/books/monographs published by the research organization’s researchers as authors or editors with established international and national publishing houses, chapters in these categories of publications, articles published in Web of Science indexed journals (Journal Citation Reports Q1, Q2, Q3, Q4, Emerging Sources Citation Index or, in addition, Arts & Humanities Citation Index for the Humanities), SCOPUS, IEEE, or articles published in a CNSC (A or B) indexed journal for the Humanities.*
* *Evaluate mainly patents applied/exploited in the “National Register of Invention Patents”, within OSIM, Romania, international patents registered with the European Patent Office (EPO) or the World Intellectual Property Organization (WIPO) or other international patent databases, if they correspond to the mission of the research organization.*

*Note: In the case of journals indexed by Journal Citation Reports, impact factors (IF) or influence scores (AIS) calculated by Web of Science will be taken into account. The best ranking Q1, Q2, Q3 or Q4 (between IF and AIS) of the last 5 editions published by Journal Citation Reports relative to the year of the evaluation will be considered.*

In the case of articles, only those for which the author has indicated the affiliation to the evaluated research organization will be considered.

**Indicator II.2 Papers and communications presented at scientific events**

* *Analyse the extent to which the research organization’s scientists disseminate and test the results of their own research at prestigious scientific events.*
* *The performance indicators associated with indicator II.2 are:*
* *Papers presented at international scientific events, published in a volume indexed by Web of Science - Conference Proceedings Citation Index (CPCI-S), Conference Proceedings Citation Index - Social Science & Humanities (CPCI-SSH), classified IEEE proceedings;*
* *Papers presented at an international scientific event, published in an edited volume with ISBN (non - WoS);*
* *Invited/keynote papers presented at an international scientific event;*
* *Invited/keynote papers presented at a national scientific event.*
* *Evaluate mainly the high degree of dissemination of the organization’s scientific research results through the participation of researchers in prestigious international scientific events and the publication of their presentations in Web of Science (WOS) or ISBN (non-WOS) indexed conference proceedings, and invitations as keynote speakers at national and international scientific events.*

*Note: In the case of papers presented at scientific events, will be taken into consideration only those for which the author has indicated the affiliation with the research organization.*

**Indicator II.3 Visibility and impact of the published work**

* *Analyse the scientific visibility and impact of the research organization's publications through the number of citations in Web of Science, SCOPUS, IEEE indexed journals or, in addition, for humanities Arts & Humanities Citation Index, CNCS (A or B) indexed journals and books (excluding self-citation).*
* *The performance indicators associated with indicator II.3 are:*
* *Number of citations accumulated by the research organization during the evaluated period in the following databases:*

*- Web of Science;*

*- SCOPUS; IEEE;*

*-in addition, for humanities, Arts & Humanities Citation Index, in CNCS (A or B) indexed journals and books.*

* *Evaluate mainly the identification of a significant number of citations in the evaluated period, of papers published by the research organization in WOS, SCOPUS, IEEE indexed journals or, in addition, for the humanities Arts & Humanities Citation Index, in CNCS (A or B) indexed journals and books, regardless of the year of publication of the cited work.*

*Note: In the case of citations, only those for works published by the author affiliated with the evaluated research organization will be taken into consideration.*

| **GENERAL CRITERION** | **INDICATORS** | **MAXIMUM SCORE** | **SCORE OBTAINED** | **COMMENT** |
| --- | --- | --- | --- | --- |
| **III. MANAGEMENT AND INSTITUTIONAL CAPACITY** | III.1 Quality management system (certified by authorised institutions) | 5 |  |  |
| III.2 Regulations, rules, procedures implemented by the research organization | 5 |  |  |
| III.3 Ethics and academic integrity in research | 5 |  |  |
| III.4 Research infrastructure related to the mission and objectives of the research organization (how the infrastructure sustains the mission of the research organization) | 12 |  |  |
| III.5 The research organization as a member in scientific networks/associative bodies | 7 |  |  |
| III.6 Accredited/non-accredited testing, trials, analysis laboratories; Open access libraries and databases created/administered, to the extent that funding was available | 7 |  |  |
| III.7 Degree of digitalization of the research organization | 5 |  |  |
| **TOTAL** | **46** |  |  |

**Indicator III.1 Quality management system (certified by authorised institutions)**

* *Analyse whether the organization has developed, approved and implemented an internal quality management regulation/procedure, a quality manual and other specific procedures, as well as whether the research organization has been accredited by institutions authorised in the field of quality management.*
* *Evaluate mainly whether the organization has a quality management regulation/procedure in place, a quality manual, a procedure for managing risks and opportunities and, in general, the existence of quality procedures for the activities carried out.*
* *The maximum score is awarded when the research organization provides proof of ISO 9001 accreditation from an authorised institution.*

**Indicator III.2 Regulations, rules, procedures implemented by the research organization**

* *Analyse whether the research organization has updated organizational and operational regulations and an internal regulation according to the legal provisions in force, regulations/procedures developed, approved and implemented for research activity management, employee performance evaluation, integrity, equal opportunities, etc.*
* *Evaluate mainly the high degree of implementation of regulations, rules and procedures and the high degree of confidence in the Internal Managerial Control System (SCIM) of the research organization.*

**Indicator III.3 Ethics and academic integrity in research**

* *Analyse the existence of a code of ethics, an ethics and academic integrity committee, a specific procedure for the functioning of the committee and the extent to which the committee proves its functionality, in case of complaints.*
* *Evaluate mainly whether the research organization has a code of ethics, ethics committee operating procedure developed, approved and implemented, the existence of the ethics and academic integrity committee and documents attesting the functioning of the ethics committee, in case of complaints.*

**Indicator III.4 Research infrastructure related to the mission and objectives of the research organization**

* *Analyse the extent to which the infrastructure sustains the research organization’s mission and the degree of development of the research-development and innovation infrastructure relative to the activities carried out within the research organization.*
* *Evaluate mainly whether the research infrastructure is appropriate to the research organization’s mission, a high degree of its development, and the existence of an investment strategy and plan.*

**Indicator III.5 The research organization as a member in scientific networks/associative bodies**

* *Analyse the capacity of the research organization to integrate into research networks and associative bodies, as evidenced by concluded agreements/protocols and other documents provided by the organization on the functionality of the partnerships, with a focus on joint submission and winning of projects, organization of joint scientific events, development of scientific publications, etc.*
* *Evaluate mainly whether the research organization has collaboration agreements/protocols in place, as well as whether there is documentary evidence that they are functional (submission and winning of projects in partnership, organization of scientific events in partnership, joint preparation of articles/studies/books, etc.).*

**Indicator III.6 Accredited/non-accredited testing, trials, analysis laboratories; Open access libraries and databases created/administered *- to the extent that funding was available***

* *Analyse the extent to which the research organization is equipped with laboratories for tests, trials, analysis and their accreditation status or the existence of their own libraries, Open access databases and the intensity of access, in correlation with the field in which the research organization is active and the available funds.*
* *Evaluate mainly whether, relative to the funds available and the field in which it operates, the research organization has laboratories for testing, trials, analysis and whether they are accredited or in the process of accreditation* ***or*** *whether it has its own library* ***or*** *Open Access databases and whether there is evidence that the scientific information in the library or Open Access databases has been accessed.*

**Indicator III.7 Degree of digitalization of the research organization**

* *Analyse whether, relative to the research organization’s mission and in correlation with the current standards in the field, the IT infrastructure is adequate for the researchers' work, and the extent to which the research organization has an updated website with the results of the research carried out in the research organization available in an open access regime.*
* *Evaluate mainly whether the IT infrastructure is appropriate to the research organization’s mission, whether the research organization has a website in Romanian and English and, in correlation with the available funds, the website is updated with research results published in an open access regime.*

| **GENERAL CRITERION** | **INDICATORS** | **MAXIMUM SCORE** | **SCORE OBTAINED** | **COMMENT** |
| --- | --- | --- | --- | --- |
| **IV. PERFORMANCE AND SOCIO-ECONOMIC IMPACT** | IV.1 The extent to which the activity responds to public interests of national or local importance in correlation with the research organization’s mission | 10 |  |  |
| IV.2 The capacity to develop national and international collaborations | 6 |  |  |
| IV.3 The contribution to national and world science and culture | 10 |  |  |
| **TOTAL** | **26** |  |  |

**Indicator IV.1 The extent to which the activity responds to public interests of national or local importance** in correlation with the research organization’s mission

* *Analyse whether the activity carried out by the research organization responds to public interests of national or local importance in correlation to its mission, whether it develops studies, sectoral projects, research projects with local or national impact; research services for or in partnership with commercial entities.*
* *Evaluate mainly the coordination of or participation in the preparation of complex works with national and local impact.*

**Indicator IV.2 The capacity to develop national and international collaborations**

* *Analyse the capacity of the research organization to develop national and international collaborations that have as main outcomes the joint use of components of the research infrastructure, providing access to researchers from other research organizations to different components of its own infrastructure, provide support services for other research organizations or researchers from outside the organization, co-opting partner organizations or researchers from other organizations in initiated projects.*
* *Evaluate mainly the evidence of a high degree of joint use of infrastructure with other research organizations, providing access to components of the research infrastructure for researchers from other research organizations, providing services to other research organizations or researchers from other research organizations, as well as attracting researchers or research organizations in inter- and trans-disciplinary research projects.*

**Indicator IV.3 The contribution to national and world science and culture**

* *Analyse the works identified by the research organization as being of reference for national and world science and culture in terms of the contributions made by the research organization through these works, and the evidence of recognition of their impact by the national and international scientific community.*
* *Evaluate mainly the publication of reference works in the field, e.g. handbooks; dictionaries/encyclopaedias; books published by the most prestigious publishing houses; results highlighted, e.g. on the cover of prestigious journals; organization of activities to disseminate results of scientific work through large-scale events/studies/workshops with proven prestige in the national and international scientific community.*

| **GENERAL CRITERION** | **INDICATORS** | **MAXIMUM SCORE** | **SCORE OBTAINED** | **COMMENT** |
| --- | --- | --- | --- | --- |
| **V. HUMAN RESOURCES** | V.1 Staff structure by scientific grade and the share of PhD supervisors, and career development opportunities | 3 |  |  |
| V.2 Members in the editorial board of a national/international journal (rated by *Web of Science*, SCOPUS) or in the editorial board of an established international publishing house; members in an international think tank/expert group at European/global level; members (*fellow*, *senior*) of an international scientific society | 3 |  |  |
| V.3 Members in the management/scientific board of an international organization/association in the field | 3 |  |  |
| V.4 Members/experts in joint committees/working groups of public authorities at national level | 3 |  |  |
| V.5 Members of a University Doctoral School Council or a Doctoral School Council (CSUD); members (*fellow*, *senior*) of a national scientific society; members of the scientific/editorial board of a prestigious national journal | 3 |  |  |
| V.6 Awards/distinctions/titles | 3 |  |  |
| **TOTAL** | **18** |  |  |

**Indicator V.1 Staff structure by scientific grade and the share of PhD supervisors, and career development opportunities**

* *Analyse the career development opportunities offered by the research organization to its members, the structure of the scientific research staff by scientific grade, the number and share of PhDs, PhD supervisors, the quality of the research team as a whole and the extent to which it is appropriate for the mission and activities carried out by the research organization.*
* *Evaluate mainly the career development opportunities offered to researchers within the research organization, a balanced structure of total staff and research staff by scientific grade, a high number and share of PhD supervisors.*

**Indicator V.2 Members in the editorial board of a national/international journal (rated by Web of Science, SCOPUS) or in the editorial board of an established international publishing house; members in an international think tank/expert group at European/global level; members (fellow, senior) of an international scientific society**

* *Analyse how the researchers from the research organization, through their results and prestige, contribute to increasing the visibility of the research organization, of the Romanian scientific research in the respective fundamental field at international and European level.*
* *For the period under evaluation, evaluate mainly the presence of the researchers from the research organization in the editorial boards of prestigious national and international journals, in the editorial boards of established international publishing houses, in international think tanks/expert groups at European/global level, their membership (fellow, senior) in prestigious international scientific societies in the field.*

**Indicator V.3 Members in the management/scientific board of an international organization/association in the field**

* *Analyse how the research organization and the Romanian scientific research benefit from increased visibility and prestige through the representatives of the research organization in the management/scientific board of prestigious international organizations/associations.*
* *For the period under evaluation, evaluate mainly the presence of researchers from the research organization in the management/scientific board of prestigious international organizations/associations.*

**Indicator V.4 Members/experts in joint committees/working groups of public authorities at national level**

* *Analyse how the research organization, through its researchers, has been involved during the period under evaluation in solving current societal problems.*
* *For the period under evaluation, mainly evaluate the presence of researchers from the research organization as members or experts in joint working groups/committees set up by public authorities at national level for the substantiation and preparation of draft legislation, strategies and policies, action plans, policy papers, etc.*
* *Evaluate mainly a high degree of connection of the research organization, through its researchers, to the real needs of society and evidence that the research organization carries out actions with a societal, economic and social impact.*

**Indicator V.5 Members of a University Doctoral School Council or a Doctoral School Council (CSUD); members (fellow, senior) of a national scientific society; members of the scientific/editorial board of a prestigious national journal**

* *Analyse the degree to which the research organization, through its researchers, is recognized in the academic environment and in society for its ability to contribute to the coordination and quality enhancement of the training of doctoral students, to the development of knowledge in the field of fundamental research, to the maintenance of high quality standards and respect for ethics and academic integrity in the specific research field.*
* *For the period under evaluation, mainly evaluate the presence of researchers from the research organization in the scientific governing bodies of doctoral and postdoctoral schools (council of a university school or council of a doctoral school), their presence as members in national scientific societies in the field of fundamental research, in scientific/editorial boards of prestigious journals, etc.*
* *Evaluate mainly a high degree of recognition of the research organization's ability to contribute, both as an institution and through its researchers, to the coordination and quality enhancement of the training of doctoral students, to the development of knowledge in the field of fundamental research, to the maintenance of high standards of quality and respect for ethics and academic integrity in the specific research field.*

**Indicator V.6 Awards/distinctions/titles**

* *Analyse the extent to which the research organization’s prestigious results and researchers have been recognized and validated by the Romanian Academy, state institutions and authorities, international and national scientific societies, universities, following selection processes, etc.*
* *Evaluate mainly the recognition of researchers’ results and their professional prestige by national and international established forums, through awards/distinctions/titles, namely: award of the Romanian Academy; award/distinction granted by state institutions/authorities; award (distinction) of a national scientific society obtained through a selection process; award (distinction) of an international scientific society obtained through a selection process; Doctor Honoris Causa title awarded by a university.*

*Note: Awards for research results (PRECISI) will not be considered.*

| **GENERAL CRITERION** | **INDICATORS** | **MAXIMUM SCORE** | **SCORE OBTAINED** | **COMMENT** |
| --- | --- | --- | --- | --- |
| **VI. STRATEGIC DEVELOPMENT PLAN FOR THE EVALUATED PERIOD AND FOR THE NEXT 5 YEARS** | VI.1 The quality and feasibility of the proposed strategic objectives relative to the research organization’s mission and the field in which it operates | *5* |  |  |
| VI.2 The extent to which the scientific and institutional objectives are correlated with relevant trends in the organization's scientific field and societal needs | *5* |  |  |
| **TOTAL** | **10** |  |  |

**Indicator VI.1 The quality and feasibility of the proposed strategic objectives relative to the research organization’s mission and the environment in which it operates**

* *Analyse: the feasibility of the strategic objectives and the extent to which the proposed strategic directions support the achievement of these objectives, in line with the research organization’s mission; the quality of the institutional strategic plan for the evaluated period and for the following 5 years; the quality of the SWOT* (Strengths, Weaknesses, Opportunities, Threats) *analysis of the research organization relative to the environment in which it operates; the extent to which the organization's research directions are aligned with those specific to the national and European research, development and innovation space and to the field in which the research organization operates, and the extent to which the human resources policy is in line with the requirements of the European Charter for Researchers, the Code of Conduct for the Recruitment of Researchers and the commitment to the Human Resources Strategy for Researchers - HRS4R.*
* *Evaluate mainly whether the presented objectives are feasible, appropriate and the proposed strategic directions of development support their implementation relative to the research organization’s mission, there is a realistic Institutional Strategic Plan and appropriate for the research organization’ mission, and there is a high degree of correlation of the specific research directions of the research organization with the specific directions of the national and European research, development and innovation space.*
* *Evaluate mainly the alignment of the organization's human resources strategy with the requirements of the European Charter for Researchers, the Code of Conduct for the Recruitment of Researchers and the commitment to the Human Resources Strategy for Researchers (HRS4R).*

**Indicator VI.2 The extent to which the scientific and institutional objectives are correlated with relevant trends in the organization's scientific field and societal needs**

* *Analyse the extent to which the research organization provides an appropriate framework to keep researchers up-to-date with the latest developments in the field, and the extent to which the scientific and institutional objectives of the research organization are in line with relevant trends in the scientific field in which it operates as well as with the real needs of society, where appropriate.*
* *Evaluate mainly the initiative to set up an international scientific advisory board.*
* *Evaluate mainly the planning of an enabling framework to support innovation and technology transfer.*
* *Evaluate mainly a high degree of correlation regarding the scientific and institutional objectives with relevant national and international trends in the organization's scientific field and societal needs.*

|  |
| --- |
| Conclusions/recommendations: |

***Annex 2b. Individual/preliminary/final evaluation report for research organizations referred to in art. 7, 8 and 8^1 of Government Ordinance no. 57/2002, approved with amendments and additions by Law no. 324/2003, with subsequent amendments and additions, which declare as their field of activity “applied research/technological development/innovation”, except for state or private higher education institutions***

**INDIVIDUAL/PRELIMINARY/FINAL EVALUATION REPORT**

***(as appropriate)***

**Research organization name: ...**

**Period under evaluation: ...**

**Date of visit: ...**

**Composition of the team of independent expert evaluators**

**Evaluator 1 information - rapporteur independent expert evaluation team**

**Surname and first name: ...**

**Date evaluator 2**

**Surname and first name: ...**

**Date evaluator 3**

**Surname and first name: ...**

The scores for the indicators related to general criteria I and II are established by correlating the results with the number of researchers (CS I, CS II, CS III), full-time equivalent, affiliated to the evaluated research organization.

Only the results provided under indicators II.1 and II.2 will be taken into account, for which the author has declared his/her affiliation with the respective research organization.

The performance indicators associated with an indicator are non-cumulative.

In the case of research organizations without legal personality, the scores for general criteria III-VI are to be established by also analysing the institution’s indicators to which they are subordinated.

| **GENERAL CRITERION** | **INDICATORS** | **MAXIMUM SCORE** | **SCORE OBTAINED** | **COMMENT** |
| --- | --- | --- | --- | --- |
| **I. DEVELOPMENT AND INNOVATION ACTIVITY** | I.1 The capacity to attract and manage research funding | 17 |  |  |
| I.2 Organized scientific events | 3 |  |  |
| I.3 The capacity to develop services, technologies, products | 25 |  |  |
| I.4 Editing and publishing the research organization's own journals or with the involvement of the organization's researchers | 1 |  |  |
| I.5 The capacity to train young researchers (PhD, postdoc) | 4 |  |  |
| **TOTAL** | **50** |  |  |

**Indicator I.1 The capacity to attract and manage research funding**

* *Analyse the extent to which the research organization demonstrates its capacity to attract funds from competitively won grants/contracts obtained from national or international organizations/institutions and also to manage the financial resources available.*
* *The performance indicators associated with indicator I.1 are:*
* *Contracts obtained/grants won by the research organization from European/international funds (number);*
* *Value of contracts obtained/grants won by the research organization from international organizations/institutions (amounts);*
* *Contracts obtained/grants won by the research organization from national organizations/institutions (number);*
* *Value of contracts obtained/grants won by the research organization from national organizations/institutions (amounts);*
* *The structure of the budget according to the specificity of the research organization over the last 5 years.*
* *Evaluate mainly the organization's ability to win competitively grants/contracts from national and international organizations/institutions.*

**Indicator I.2 Organized scientific events**

* *Analyse the extent to which the research organization, in order to disseminate the results of scientific research, has organized, both as coordinator and in partnership with other research organizations, international and/or national scientific events (congresses, conferences, symposia, workshops) or summer schools.*
* *The performance indicators associated with indicator I.2 are:*
* *Organized international scientific events (congresses, conferences, symposia, workshops) or summer schools;*
* *Organized national scientific events (congresses, conferences, symposia, workshops) or summer schools.*
* *Evaluate mainly the organization of international scientific events.*

*Note: In the case of international scientific events, a minimum of 20% of participants from abroad is taken into consideration.*

**Indicator I.3 The capacity to develop services, technologies, products**

* *Analyse, relative to the available funding and number of researchers, the extent to which the research organization has societal, economic and social impact demonstrated by the capacity to develop services, technologies, products, reflected, according to the research organization’s mission, in products/technologies/ developed/posted methodologies /reports/publications/public interest studies/research services/consultancy/impact studies.*
* *The performance indicators associated with indicator I.3 are:*
* *Products/technologies/processes/methodologies developed through research activities resulting from economic or scientific research contracts;*
* *Technologies and services made available to other research centers on a contract/collaboration project basis (including posted in EERTIS - https://eertis.eu/) or Open access;*
* *Reports/studies of public interest or with private beneficiaries.*
* *Evaluate mainly, relative to the scientific research organization’s mission, the extent to which the scientific research organization demonstrates the capacity to develop services, technologies, products for public or private beneficiaries through: reports/studies/research services/consulting/software systems for editing, publishing and online consultation of scientific information/theoretical studies with social impact or in other sciences, obtained through competition, commissioned or carried out at the request of beneficiaries, or with social impact or in other sciences proven by official documents/contractual relations/requests/orders.*

**Indicator I.4 Editing and publishing the research organization’s own journals or with the involvement of the organization’s researchers**

* *Analyse the extent to which the research organization demonstrates the capacity to contribute to the process of disseminating the results of quality scientific research by editing and publishing its own journals indexed in Web of Science or other recognized international databases, and the extent to which researchers in the organization are involved in editing and publishing journals indexed in recognized international databases (Web of Science, etc.).*
* *The performance indicators associated with indicator I.4 are:*
* *The research organization is editing and publishing its own journal indexed in Web of Science (Journal Citation Reports Q1/Q2/Q3/Q4, Emerging Sources Citation Index or, in addition, Arts & Humanities Citation Index, for humanities), SCOPUS;*
* *The research organization is editing and publishing its own journal indexed in CNCS (A or B) or in another recognized IDB;*
* *Persons affiliated with the evaluated research organization fulfilling the role of editor-in-chief of a journal indexed in Web of Science (Journal Citation Reports Q1/Q2/Q3/Q4, Emerging Sources Citation Index or, in addition, Arts & Humanities Citation Index, for humanities), SCOPUS;*
* *Persons affiliated with the evaluated research organization fulfilling the role of editor-in-chief of a CNCS (A or B) indexed journal, for humanities.*
* *Evaluate mainly, relative to the available resources, the extent to which the research organization demonstrates the capacity to edit and publish its own journal indexed in recognized international databases, and also a high degree of involvement from the researchers in the organization in editing and publishing journals indexed in recognized international databases.*

*Note: In the case of journals indexed by Journal Citation Reports, will be taken into consideration the impact factors (IF) or the influence scores (AIS) calculated by Web of Science. The best Q1, Q2, Q3 or Q4 ranking (between IF and AIS) of the last 5 editions published by Journal Citation Reports relative to the year of evaluation will be considered.*

**Indicator I.5. The capacity to train young researchers (PhD, postdoc)**

* *Analyse the extent to which the research organization contributes to the training of young researchers (doctoral and postdoctoral studies) in relation to preparing doctoral theses and postdoctoral fellowships in sectors/departments of the research organization, participations of researchers from the research organization as members of doctoral thesis public defence committees or doctoral thesis guidance committees, researchers working in the research organization with the quality of doctoral supervisor or POSDRU/POCU/MSCA/PNCDI/PNRR projects of postdoctoral and doctoral research won/implemented by the research organization.*
* *The performance indicators associated with indicator I.5 are:*
* *Doctoral theses prepared or postdoctoral fellowships carried out in sectors/departments of the research organization;*
* *Researchers affiliated with the research organization, who have participated as members in a doctoral thesis public defence committee or a doctoral thesis guidance committee;*
* *Doctoral supervisors working in the research organization;*
* *POSDRU/POCU/MSCA/ PNCDI/PNRR postdoctoral and doctoral research projects won/implemented by the research organization;*
* *PhD students/postdoctoral researchers within the research organization.*
* *Evaluate mainly whether the research organization demonstrates that it has contributed to the training of young researchers (doctoral and postdoctoral studies) by having researchers from the evaluated research organization fulfilling the role of doctoral supervisors, the capacity to attract doctoral/postdoctoral researchers in the research organization, the capacity to prepare doctoral theses in sectors/departments of the evaluated research organization, participations of researchers from the research organization as members in doctoral thesis public defence committees and doctoral thesis guidance committees or through POSDRU/POCU/MSCA/PNCDI/PNRR postdoctoral and doctoral research projects won/implemented by the research organization.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **GENERAL CRITERION** | **DESCRIPTORS** | **MAXIMUM SCORE** | **SCORE OBTAINED** | **COMMENT** |
| **II. RESULTS OF RESEARCH ACTIVITY AND IMPACT AT INTERNATIONAL AND NATIONAL LEVEL** | **II.1** Works of wide scope and fundamental importance; books, treatises, encyclopaedias, monographs, coordinated/published/edited studies and chapters; published articles; patents applied/exploited/obtained | 35 |  |  |
| **II.2** Papers and communications presented at scientific events | 5 |  |  |
| **II.3** Visibility and impact of the published work | 10 |  |  |
| **TOTAL** | **50** |  |  |

**Indicator II.1 Works of wide scope and fundamental importance; books, treatises, encyclopaedias, monographs, studies and chapters coordinated/published/edited; articles published; patents applied/exploited/obtained**

* *Analyse the productivity of the research organization, relative to the available resources (including human resources expressed as number of researchers - full-time equivalent), respectively to the funding received by the research organization, from the perspective of the scientific output materialized, according to the specific mission of the research organization in: articles published in indexed journals (Journal Citation Reports Q1, Q2, Q3, Q4, Emerging Sources Citation Index or, in addition, Arts & Humanities Citation Index, for humanities), SCOPUS, IEEE or CNCS (A or B) indexed, for humanities, treatises/books/monographs published by researchers in the research organization as authors or editors with established international and national publishing houses, chapters in these categories of publications, patents applied/exploited/obtained.*
* *The performance indicators associated with indicator II.1 are:*
* *Articles published in a Web of Science indexed journal (Journal Citation Reports Q1, Q2, Q3, Q4, Emerging Sources Citation Index or, in addition, Arts & Humanities Citation Index, for humanities), SCOPUS, IEEE;*
* *Articles published in a journal indexed in CNSC (A or B), for humanities;*
* *Treatises/books/monographs or chapters published by an established publishing house from abroad, as an author;*
* *Treatises/books/monographs published by an established publishing house from abroad, as an editor/coordinator;*
* *Treatises/books/monographs or chapters published by a CNCS A or B ranked publishing house or by an established publishing house in the country, as an author;*
* *Treatises/books/monographs published by a CNCS A or B rated publishing house or by an established publishing house in the country, as an editor/co-coordinator;*
* *Registered and published patent applications;*
* *Patents applied/exploited at national or international level or exploited at international level (with EU/OECD priority);*
* *Variety/breed certificates applied/exploited at national or international level or exploited at international level (with EU/OECD priority);*
* *Patents obtained at international (with EU/OECD priority) or national level;*
* *Intellectual property, ORDA certificates.*
* *Evaluate mainly a high level of productivity of the research organization in terms of scientific output, materialized, according to the specific mission of the research organization, in articles published in Web of Science indexed journals (Journal Citation Reports Q1, Q2, Q3, Q4, Emerging Sources Citation Index or, in addition, for humanities, Arts & Humanities Citation Index ), SCOPUS, IEEE or, in addition, for the humanities, articles published in a CNSC (A or B) indexed journal, treatises/books/monographs published by researchers in the research organization as authors or editors in established international and national publishing houses, chapters in these categories of publications.*
* *Evaluate mainly patents applied/exploited in the “National Register of Invention Patents”, within OSIM, Romania, international patents registered with the European Patent Office (EPO) or the World Intellectual Property Organization (WIPO) or other international patent databases.*

*Note: In the case of journals indexed by Journal Citation Reports, impact factors (IF) or influence scores (AIS) calculated by Web of Science will be taken into account. The best ranking Q1, Q2, Q3 or Q4 (between IF and AIS) of the last 5 editions published by Journal Citation Reports relative to the year of the evaluation will be considered.*

*In the case of articles, only those for which the author has indicated the affiliation to the evaluated research organization will be considered.*

**Indicator II.2 Papers and communications presented at scientific events**

* *Analyse, relative to the specificity of the organization, the extent to which the research organization’s scientists disseminate the results of their own research at prestigious scientific events.*
* *The performance indicators associated with indicator II.2 are:*
* *Papers presented at an international scientific event, published in a volume indexed in Web of Science - Conference Proceedings Citation Index (CPCI-S), Conference Proceedings Citation Index - Social Science & Humanities (CPCI-SSH), classified IEEE proceedings;*
* *Papers presented at an international scientific event, published in an edited volume with ISBN (non - WoS);*
* *Invited/keynote papers presented at an international scientific event;*
* *Invited /keynote papers presented at a national scientific event.*
* *Evaluate mainly, relative to the specificity of the field, the high degree of dissemination of the organization’s scientific research results through the participation of researchers in prestigious international scientific events and the publication of their presentations in Web of Science (WOS) or ISBN (non-WOS) indexed conference proceedings, and invitations as keynote speakers at national and international scientific events.*

*Note: In the case of papers presented at scientific events, will be taken into consideration only those for which the author has indicated the affiliation with the research organization.*

**Indicator II.3 Visibility and impact of the published work**

* *Analyse the scientific visibility and impact of the research organization's publications through the number of citations in WOS, SCOPUS, IEEE indexed journals or, in addition, for the humanities, Arts & Humanities Citation Index, in CNCS (A or B) indexed journals and books (excluding self-citation).*
* *The performance indicators associated with indicator II.3 are:*
* *Number of citations accumulated by the research organization during the evaluated period in the following databases:*

*- Web of Science;*

*- SCOPUS; IEEE;*

*- in addition, for the humanities Arts & Humanities Citation Index, in CNCS (A or B) indexed journals and books.*

* *Evaluate mainly the identification of a significant number of citations, in the evaluated period, of papers published by the research organization in journals indexed in WOS, SCOPUS, IEEE or, in addition, for humanities, Arts & Humanities Citation Index, in journals indexed CNCS (A or B) and books, regardless of the year of publication of the cited work.*

*Note: In the case of citations, only those for works published by the author affiliated with the evaluated research organization will be taken into consideration.*

| **GENERAL CRITERION** | **INDICATORS** | **MAXIMUM SCORE** | **SCORE OBTAINED** | **COMMENT** |
| --- | --- | --- | --- | --- |
| **III. MANAGEMENT AND INSTITUTIONAL CAPACITY** | III.1 Quality management system (certified by authorised institutions) | 3 |  |  |
| III.2 Regulations, rules, procedures implemented by the research organization | 2 |  |  |
| III.3 Ethics and academic integrity in research | 5 |  |  |
| III.4 Research infrastructure related to the mission and objectives of the research organization (how the infrastructure sustains the mission of the research organization) | 10 |  |  |
| III.5 The research organization as a member in scientific networks/associative bodies | 5 |  |  |
| III.6 Accredited or non-accredited testing, trials, analysis laboratories; Open access libraries and databases created/administered, to the extent that funding was available | 10 |  |  |
| III.7 Degree of digitalization of the research organization | 3 |  |  |
| III.8 Innovation Management System | 2 |  |  |
| **TOTAL** | **40** |  |  |

***Indicator III.1 Quality management system (certified by authorised institutions)***

* *Analyse whether the organization has a developed, approved and implemented an internal quality management regulation or procedure, a quality manual and other specific procedures, as well as whether the research organization has been accredited by institutions authorised in the field of quality management.*
* *Evaluate mainly whether the organization has a quality management regulation or procedure in place, a quality manual, a procedure for managing risks and opportunities and, in general, the existence of quality procedures for the activities carried out.*
* *The maximum score is awarded when the research organization provides proof of ISO 9001 accreditation from an authorised institution.*

***Indicator III.2 Regulations, rules, procedures implemented by the research organization***

* *Analyse whether the research organization has updated organizational and operational regulations and an internal regulation according to the legal provisions in force, regulations/procedures developed, approved and implemented for research activity management, employee performance evaluation, integrity, equal opportunities, etc.*
* *Evaluate mainly the high degree of implementation of regulations, rules and procedures and the high degree of confidence in the Internal Managerial Control System (SCIM) of the research organization.*

***Indicator III.3 Ethics and academic integrity in research***

* *Analyse the existence of a code of ethics, a research ethics committee, a specific procedure for the functioning of the committee and the extent to which the committee proves its functionality in case of complaints.*
* *Evaluate mainly whether the research organization has a code of ethics, an ethics committee operating procedures developed, approved and implemented, the existence of an ethics and academic integrity committee and documents attesting to the functioning of the ethics committee, in case of complaints.*

**Indicator III.4 Research infrastructure related to the mission and objectives of the research organization** (how the infrastructure sustains the mission of the research organization)

* *Analyse the extent to which the infrastructure sustains the research organization’s mission and the degree of development of the research-development and innovation infrastructure relative to the activities carried out within the organization.*
* *Evaluate mainly whether the research infrastructure is appropriate to the research organization’s mission, a high degree of its development, and the existence of an investment strategy and plan.*

**Indicator III.5 The research organization as a member in scientific networks/associative bodies**

* *Analyse the capacity of the research organization to integrate into research networks and associative bodies, as evidenced by concluded agreements/protocols and other documents provided by the organization on the functionality of the partnerships, with a focus on joint submission and winning of projects, organization of joint scientific events, development of scientific publications, etc.*
* *Evaluate mainly whether the research organization has collaboration agreements/protocols in place, as well as whether there is documentary evidence that they are functional (submission and winning of projects in partnership, organization of scientific events in partnership, joint preparation of articles/studies/books, etc.).*

**Indicator III.6 Accredited or non-accredited testing, trials, analysis laboratories; Open access libraries and databases created/administered - to the extent that funding was available**

* *Analyse the extent to which the research organization is equipped with laboratories for tests, trials, analysis and their accreditation status or the existence of their own libraries, Open access databases and the intensity of access, in correlation with the field in which the research organization is active and the available funds.*
* *Evaluate mainly whether, relative to the funds available and the field in which it operates, the research organization has laboratories for testing, trials analysis, and whether they are accredited* ***or*** *whether it has its own library* ***or*** *Open access databases and whether there is evidence that the scientific information in the library or Open access databases has been accessed.*

**Indicator III.7 Degree of digitalization of the research organization**

* *Analyse whether, relative to the research organization’s mission and in correlation with the current standards in the field, the IT infrastructure is adequate for the researchers' work, and the extent to which the research organization has an updated website with the results of the research carried out in the research organization available in an open access regime.*
* *Evaluate mainly whether the IT infrastructure is appropriate to the research organization’s mission, the research organization has a website in Romanian and English and, in correlation with the available funds, the website is updated with research results published in an open access regime.*

**Indicator III.8 Innovation management system**

* *Analyse whether the organization has an approved and implemented innovation management regulation/procedure and whether it has organized its own technology transfer centre.*
* *The maximum score is awarded when the research organization provides evidence of accreditation/certification of the innovation management system by an authorised institution and the establishment/operation of a technology transfer centre.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **GENERAL CRITERION** | **INDICATORS** | **MAXIMUM SCORE** | **SCORE OBTAINED** | **COMMENT** |
| **IV. PERFORMANCE AND SOCIO-ECONOMIC IMPACT** | IV.1 The extent to which the activity responds to public interests of national or local importance | 5 |  |  |
| IV.2 The capacity to develop national and international collaborations | 10 |  |  |
| IV.3 The contribution to national and international experimental development and innovation | 10 |  |  |
| **TOTAL** | **25** |  |  |

**Indicator IV.1 The extent to which the activity responds to public interests of national or local importance**

* *Analyse, relative to the research-development field, and the available funding and human resources, the organization's capacity to coordinate or participate in the development of studies, sectoral projects, research projects of local or national impact; research services for or in partnership with commercial entities*.
* *Evaluate mainly the coordination of or participation in the development of complex works with national and local economic/social impact.*

**Indicator IV.2 The capacity to develop national and international collaborations**

* *Analyse the capacity of the research organization to develop national and international collaborations that have as main outcomes the joint use of components of the research infrastructure, providing access to researchers from other research organizations to different components of its own infrastructure (including IOSIN); provide support services for other research organizations or researchers from outside the organization, co-opting partner organizations or researchers from other organizations in initiated projects.*
* *Evaluate mainly the evidence of a high degree of joint use of infrastructure with other research organizations, providing access to components of the research infrastructure for researchers from other research organizations, providing services to other research organizations or researchers from other research organizations, as well as attracting researchers or research organizations in inter- and trans-disciplinary research projects.*

**Indicator IV.3 The contribution to national and international experimental development and innovation**

* *Analyse the works identified by the research organization as being of reference for science in terms of the contributions made by the research organization through these works, and the evidence of recognition of their impact by the national and international scientific community; analyse the results of applied research and patents identified by the research organization as having economic impact.*
* *Evaluate mainly the publication of reference works in the respective field, e.g. handbooks; books in the most prestigious publishing houses; results highlighted, e.g. on the cover of prestigious journals, organization of activities to disseminate results of scientific work through large-scale events/studies/reports with proven prestige in the national and international scientific community; experimental development works/patents for or in partnership with the economic environment.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **GENERAL CRITERION** | **INDICATORS** | **MAXIMUM SCORE** | **SCORE OBTAINED** | **COMMENT** |
| **V. HUMAN RESOURCES** | V.1 Staff structure by scientific grade and the share of PhD supervisors, and career development opportunities | 10 |  |  |
| V.2 Members in the editorial board of a national/international journal (rated by Web of Science, SCOPUS) or in the editorial board of an established international publishing house; members in an international think tank/expert group at European/global level; members (fellow, senior) of an international scientific society | 1 |  |  |
| V.3 Members in the management/scientific board of an international organization or association in the field | 1 |  |  |
| V.4 Members/experts in joint committees/working groups of public authorities at national level | 1 |  |  |
| V.5 Members of a doctoral school; members (fellow, senior) of a national scientific society; members in the scientific/editorial board of a prestigious national journal | 1 |  |  |
| V.6 Awards/distinctions/titles | 1 |  |  |
| **TOTAL** | **15** |  |  |

**Indicator V.1 Staff structure by scientific grade and share of PhD supervisors, and career development opportunities**

* *Analyse the career development opportunities offered by the research organization to its members, the structure of the scientific research staff by scientific grade, the number and share of PhDs, PhD supervisors, the quality of the research team as a whole and the extent to which it is appropriate for the mission and activities carried out by the research organization.*
* *Evaluate mainly the career development opportunities offered to researchers within the research organization, a balanced structure of total staff and research staff by scientific grade, a high number and share of PhD supervisors.*

**Indicator V.2 Members in the editorial board of a national/international journal (rated by Web of Science, SCOPUS) or in the editorial board of an established international publishing house; members in an international think tank/expert group at European/global level; members of an international scientific society**

* *Analyse how the researchers from the research organization, through their results and their prestige, contribute to increasing the visibility of the research organization, of the Romanian scientific research in the respective applied field, at international and European level.*
* *For the period under evaluation, evaluate mainly the presence of the researchers from the research organization in the editorial boards of prestigious national and international journals, in the editorial boards of established international publishing houses, in international think tanks/expert groups at European/global level, their membership (fellow, senior) in prestigious international scientific societies in the field.*

**Indicator V.3 Membership in the management/scientific board of an international organization or association in the field**

* *Analyse how the research organization and the Romanian scientific research benefit from increased visibility and prestige through the representatives of the research organization in the management/scientific board of prestigious international organizations/associations.*
* *For the period under evaluation, evaluate mainly the presence of researchers from the research organization in the management/scientific board of prestigious international organizations/associations.*

**Indicator V.4 Members/experts in joint committees/working groups of public authorities at national level**

* *Analyse how the research organization, through its researchers, has been involved during the period under evaluation in solving current societal problems.*
* *For the period under evaluation, mainly evaluate the presence of researchers from the research organization as members or experts in joint working groups/committees set up by public authorities at national level for the substantiation and preparation of draft legislation, strategies and policies, action plans, policy papers, etc.*

**Indicator V.5 Members of a doctoral school; members (fellow, senior) of a national scientific society; members in the scientific or editorial board of a prestigious national journal**

* *Analyse the degree to which the research organization, through its researchers, is recognized in the academic environment and in society for its ability to contribute to the coordination and quality enhancement of the training of doctoral students, to the development of knowledge in the specific research field, to the maintenance of high quality standards and respect for ethics and academic integrity in the specific research field.*
* *For the period under evaluation, mainly evaluate the membership of researchers from the research organization in doctoral schools as coordinators/mentors, their presence as members in national scientific societies in the specific research field, in scientific/editorial boards of prestigious journals, etc.*

**Indicator V.6 Awards/distinctions/titles**

* *Analyse the extent to which the research organization’s prestigious results and researchers have been recognized in the period under evaluation by established national and international forums, state institutions and authorities, international and national scientific societies, universities, following selection processes, etc.*
* *Evaluate mainly the recognition of researchers’ results and their professional prestige by national and international established forums, through awards/distinctions/titles, namely: award of the Romanian Academy; award/distinction granted by state institutions/authorities; award (distinction) of a national scientific society obtained through a selection process; award (distinction) of an international scientific society obtained through a selection process; Doctor Honoris Causa title awarded by a university, etc.*

***Note:*** *Awards for research results (PRECISI) will not be considered.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **GENERAL CRITERION** | **INDICATORS** | **MAXIMUM SCORE** | **SCORE OBTAINED** | **COMMENT** |
| **VI. STRATEGIC DEVELOPMENT PLAN FOR THE EVALUATED PERIOD AND FOR THE NEXT 5 YEARS** | VI.1 The quality and feasibility of the proposed strategic objectives relative to the research organization’s mission and the field in which it operates | 10 |  |  |
| VI.2 The extent to which the scientific and institutional objectives are correlated with relevant trends in the organization's scientific field and societal needs | 10 |  |  |
| **TOTAL** | **20** |  |  |

**Indicator VI.1 The quality and feasibility of the proposed strategic objectives relative to the research organization's mission and the environment in which it operates**

* *Analyse: the feasibility of the strategic objectives and the extent to which the proposed strategic directions support the achievement of these objectives, in line with the research organization’s mission; the quality of the institutional strategic plan for the evaluated period and for the following 5 years; the quality of the SWOT analysis of the research organization relative to the environment in which it operates; the extent to which the organization's research directions are aligned with those specific to the national and European research, development and innovation space and to the field in which the research organization operates, and the extent to which the human resources policy is in line with the requirements of the European Charter for Researchers, the Code of Conduct for the Recruitment of Researchers, and the commitment to the Human Resources Strategy for Researchers - HRS4R.*
* *Evaluate mainly whether the presented objectives are feasible, appropriate and the proposed strategic directions of development support their implementation relative to the research organization’s mission, there is a realistic Institutional Strategic Plan and appropriate for the research organization’s mission, and there is a high degree of correlation of the specific research directions of the research organization with the specific directions of the national and European research, development and innovation space.*
* *Evaluate mainly the alignment of the organization's human resources strategy with the requirements of the European Charter for Researchers, the Code of Conduct for the Recruitment of Researchers and the commitment to the Human Resources Strategy for Researchers (HRS4R).*

**Indicator VI.2 The extent to which the scientific and institutional objectives are correlated with relevant trends in the research organization’s scientific field and societal needs**

* *Analyse the extent to which the research organization provides an appropriate framework to keep researchers up-to-date with the latest developments in the field, conducive to innovation and technology transfer; the extent to which the scientific and institutional objectives of the research organization are in line with the relevant trends in the scientific field in which it operates and with the real needs of society.*
* *Evaluate mainly the support for innovation and technology transfer; the initiative to set up an international scientific advisory board of the research organization; a high degree of correlation regarding the scientific and institutional objectives with relevant national and international trends in the organization's scientific field and societal needs.*

|  |
| --- |
| Conclusions/recommendations: |

***Annex 2c. Individual/preliminary/final evaluation report for state or private higher education institutions***

**INDIVIDUAL/PRELIMINARY/FINAL EVALUATION REPORT**

***(as appropriate)***

**Research organization name: ...**

**Period under evaluation: ...**

**Date of visit: ...**

**Composition of the team of independent expert evaluators**

**Evaluator 1 information - rapporteur independent expert evaluation team**

**Surname and first name: ...**

**Evaluator 2 information**

**Surname and first name: ...**

**Evaluator 3 information**

**Surname and first name: ...**

The scores for the indicators related to general criteria I and II are established by correlating the results with the number of researchers (CS I, CS II, CS III), full-time equivalent, affiliated to the evaluated research organization.

Only the results provided under indicators II.1 and II.2 will be taken into account, for which the author has declared his/her affiliation with the respective research organization.

The performance indicators associated with an indicator are non-cumulative.

In the case of research organizations without legal personality, the scores for general criteria III-VI are to be established by also analysing the institution’s indicators to which they are subordinated.

| **GENERAL CRITERION** | **INDICATORS** | **MAXIMUM SCORE** | **SCORE OBTAINED** | **COMMENT** |
| --- | --- | --- | --- | --- |
| **I. DEVELOPMENT AND INNOVATION ACTIVITY** | I.1 The capacity to attract and manage research funding | 15 |  |  |
| I.2 Organized scientific events | 5 |  |  |
| I.3 The capacity to develop services, technologies, products | 10 |  |  |
| I.4 Editing and publishing the research organization's own journals or with the involvement of researchers from the organization’s researchers | 5 |  |  |
| I.5 The capacity to train young researchers (PhD, postdoc) | 10 |  |  |
| **TOTAL** | **45** |  |  |

**Indicator I.1 The capacity to attract and manage research funds**

* *Analyse the extent to which the research organization demonstrates its capacity to attract funds from competitively won grants/contracts obtained from national or international organizations/institutions and also to manage the available financial resources.*
* *The performance indicators associated with indicator I.1 are:*
* *Contracts obtained/grants won by the research organization from European/international funds (number, value-amounts in accounting records);*
* *Contracts obtained/grants won by the research organization from national organizations/institutions (number, value-amounts in accounting records);*
* *Project applications submitted to national/international programs (number) in open competitions during the evaluated period;*
* *The structure of the budget according to the specificity of the research organization over the last 5 years.*
* *Evaluate mainly the organization’s ability to win competitively grants/contracts from national and international organizations/institutions.*

*Note: In the case of national contracts/grants, competitions for which only certain categories of research organizations are eligible (Nucleu Programme, Romanian Academy Grants) are not taken into consideration.*

**Indicator I.2 Organized scientific events**

* *Analyse the extent to which the research organization, in order to disseminate the results of scientific research, has organized, both as coordinator and in partnership with other research organizations, international and/or national scientific events (congresses, conferences, symposia, workshops) or summer schools.*
* *The performance indicators associated with indicator I.2 are:*
* *Organized international scientific events (congresses, conferences, symposia, workshops) or summer schools;*
* *Organized national scientific events (congresses, conferences, symposia, workshops) or summer schools.*
* *Evaluate mainly the organization of international scientific events.*

*Note: In the case of international scientific events (organized with physical presence or in hybrid format), a minimum of 20% of participants from abroad is taken into consideration.*

**Indicator I.3 The capacity to develop services, technologies, products**

* *Analyse the extent to which the research organization has societal, economic and social impact demonstrated by the capacity to develop services, technologies, products, reflected, according to the research organization’s mission, in products/technologies/ developed/posted methodologies /reports/publications/public interest studies/research services/consultancy/impact studies.*
* *The performance indicators associated with indicator I.3 are:*
* *Products/technologies/methodologies developed through research activities resulting from economic or scientific research contracts;*
* *Technologies and services made available on a contract/collaborative project basis (including posted on EERTIS - https://eertis.eu/) or Open access;*
* *Reports/studies of public interest or with private beneficiaries.*
* *Evaluate mainly, relative to the mission of the scientific research organization, the extent to which the scientific research organization demonstrates the capacity to develop services, technologies, products for public or private beneficiaries through: reports/studies/research services/consulting /software systems for editing, publishing and online consultation of scientific information/theoretical studies with proven social impact or in other sciences.*

*Note: In the case of reports/studies of public interest or with private beneficiaries, only those that have been obtained through competition or carried out at the request of the beneficiaries or with social impact or in other sciences, proven by official documents/contractual relations/requests/orders will be taken into consideration.*

**Indicator I.4 Editing and publishing the research organization’s own journal or with the involvement of the organization’s researchers**

* *Analyse the extent to which the research organization demonstrates the capacity to contribute to the process of disseminating the results of quality scientific research by editing and publishing its own journals indexed in Web of Science or other recognized international databases and the extent to which researchers/teaching staff affiliated with the organization are involved in editing and publishing journals indexed in recognized international databases (Web of Science, etc.).*
* *The performance indicators associated with indicator I.4 are:*
* *The research organization is editing and publishing its own journal indexed in Web of Science (Journal Citation Reports Q1/Q2/Q3/Q4, Emerging Sources Citation Index and, in addition, for humanities, Arts & Humanities Citation Index), SCOPUS;*
* *The research organization/university is editing and publishing its own journal indexed in CNCS (A or B) or a journal indexed in recognized international databases (IDB);*
* *Persons affiliated with the evaluated research organization fulfilling the role of editor-in-chief of a journal indexed in Web of Science (Journal Citation Reports Q1/Q2/Q3/Q4, Emerging Sources Citation Index or, in addition, for humanities, Arts & Humanities Citation Index), SCOPUS;*
* *Persons affiliated with the evaluated research organization fulfilling the role of editor-in-chief of a CNCS (A or B) indexed journal or a recognized IDB journal.*
* *Evaluate mainly, relative to the available resources, the extent to which the research organization demonstrates the capacity to edit and publish its own journal indexed in recognized international databases (IDB), and also a high degree of involvement from the researchers in the research organization in editing and publishing journals indexed in recognized international databases.*

*Note: In the case of journals indexed in Journal Citation Reports, will be taken into consideration the impact factors (IF) or influence scores (AIS) calculated by Web of Science.*

*The best Q1, Q2, Q3 or Q4 ranking (between IF and AIS) of the last 5 editions published by Journal Citation Reports relative to the year of evaluation is considered.*

**Indicator I. 5. The capacity to train young researchers (PhD, postdoc)**

* *Analyse the extent to which the research organization contributes to the training of young researchers (doctoral and post-doctoral studies) in relation to preparing doctoral theses in sectors/departments of the research organization, participations of researchers from the research organization as members of doctoral thesis public defence committees, researchers working in the organization having the quality of doctoral supervisor or POSDRU/POCU/MSCA/PNCDI/PNRR projects for post-doctoral and doctoral research won/implemented by the research organization.*
* *The performance indicators associated with indicator I.5 are:*
* *Doctoral theses prepared or postdoctoral fellowships carried out in sectors/departments of the research organization;*
* *Teaching staff/researchers affiliated with the research organization, who have participated as members in doctoral thesis public defence committees or doctoral thesis guidance committees;*
* *Doctoral supervisors working in the research organization;*
* *POSDRU/POCU/MSCA/ PNCDI/PNRR postdoctoral and doctoral research projects won/implemented by the research organization;*
* *PhD students/postdoctoral researchers within the research organization.*
* *Evaluate mainly whether the research organization demonstrates that it has contributed to the training of young researchers (doctoral and postdoctoral studies) by having researchers from the evaluated research organization fulfilling the role of doctoral supervisors, the capacity to attract doctoral/postdoctoral researchers in the research organization and research projects and stimulating them to enrol in doctoral and postdoctoral studies, the capacity to prepare doctoral theses in sectors/departments of the evaluated research organization, participations of researchers from the research organization as members in doctoral public defence committees or through POSDRU/POCU/MSCA/PNCDI/PNRR projects of postdoctoral and doctoral research won/implemented by the research organization/university.*

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| **GENERAL CRITERION** | **INDICATORS** | **MAXIMUM SCORE** | **SCORE OBTAINED** | **COMMENT** |
| **II. RESULTS OF RESEARCH ACTIVITY AND IMPACT AT INTERNATIONAL AND NATIONAL LEVEL** | **II.1** Works of wide scope and fundamental importance; books, treatises, encyclopaedias, monographs, coordinated/published/edited studies and chapters; published articles; patents applied/exploited/obtained | 42 |  |  |
| **II.2** Papers and communications presented at scientific events | 3 |  |  |
| **II.3** Visibility and impact of the published work | 10 |  |  |
| **TOTAL** | **55** |  |  |

**Indicator II.1 Works of fundamental scope and importance; books, treatises, encyclopaedias, monographs, coordinated/published/edited studies and chapters; published articles; patents applied/exploited/obtained**

* *Analyse the productivity of the research organization, relative to the available resources (including human resources), respectively to the funding received by the research organization, from the perspective of the scientific output materialized, according to the specific mission of the research organization in: treatises/books/monographs published by the researchers of the research organization as authors or editors with international and national established publishing houses, chapters in these categories of publications, articles published in journals indexed in Web of Science, Scopus or, for humanities, Arts & Humanities* *Citation Index or indexed CNSC (A or B), in dictionaries, atlases, encyclopaedias (print or online), critical editions or translations of literary texts, scientific texts, patents applied/exploited/obtained.*
* *The performance indicators associated with indicator II.1 are:*
* *Articles published in a Web of Science indexed journal (Journal Citation Reports Q1, Q2, Q3, Q4, Emerging Sources Citation Index, and in addition, for humanities, Arts & Humanities Citation Index), SCOPUS, IEEE;*
* *Articles published in a journal indexed in CNSC (A or B), for humanities;*
* *Treatises/books/monographs published by an established publishing house from abroad, as an author;*
* *Treatises/books/monographs published by an established publishing house from abroad, as an editor/coordinator;*
* *Treatises/books/monographs published by the Romanian Academy Publishing House or by a CNCS A classified publishing house, as an author;*
* *Treatises/books/monographs published by the Romanian Academy Publishing House or by a CNCS A classified publishing house, as an editor/coordinator;*
* *Treatises/books/monographs published by an established publishing house in the country or in a CNCS B classified publishing house, as an author;*
* *Treatises/books/monographs published by an established publishing house in the country or by a CNCS B classified publishing house, as an editor;*
* *Chapters in treatises/books/monographs published by an established publishing house from abroad;*
* *Chapters in treatises/books/monographs published by the Romanian Academy Publishing House or by a CNCS A classified publishing house;*
* *Chapters in treatises/books/monographs published by an established publishing house in the country or by a CNCS B classified publishing house;*
* *Dictionaries, atlases, encyclopaedias (print or online); critical editions or translations of literary texts, scientific texts;*
* *Registered and published patent applications;*
* *Patents applied/exploited at national or international level or exploited at international level (with EU/OECD priority);*
* *Variety/breed certificates applied/exploited at national or international level or exploited at international level applied/exploited (with EU/OECD priority);*
* *Patents obtained at international (with EU/OECD priority) or national level;*
* *Intellectual property, ORDA certificates.*
* *Evaluate mainly a high level of productivity of the research organization, relative to the available resources (including human resources) and funding, in terms of scientific output, materialized, according to the specific mission of the research organization, in articles published in journals indexed in Web of Science (Journal Citation Reports Q1, Q2, Q3, Q4, Emerging Sources Citation Index or, in addition, for humanities, Arts & Humanities Citation Index), SCOPUS, IEEE or indexed in CNSC (A or B), patents applied/exploited/obtained, treatises/books/monographs published by researchers in the research organization as authors or editors with international publishing houses, chapters in these categories of publications, dictionaries, atlases, encyclopaedias (print or online), critical editions or translations of literary texts, scientific texts.*
* *Evaluate mainly patents applied/exploited in the “National Register of Invention Patents”, within OSIM, Romania; international patents registered with the European Patent Office (EPO) or in the World Intellectual Property Organization (WIPO) or other international databases (for international patents), if they correspond to the mission of the research organization.*

*Note: In the case of journals indexed by Journal Citation Reports, impact factors (IF) or influence scores (AIS) calculated by Web of Science will be taken into account. The best ranking Q1, Q2, Q3 or Q4 (between IF and AIS) of the last 5 editions published by Journal Citation Reports relative to the year of evaluation will be considered. The category corresponding to the most favorable level of patent recognition is considered. Only articles that mention the institutional affiliation of the teaching or research staff employed in the research organization are reported.*

**Indicator II.2 Papers and communications presented at scientific events**

* *Analyse the extent to which the research organization’s scientists disseminate and test the results of their own research at prestigious scientific events.*
* *The performance indicators associated with indicator II.2 are:*
* *Papers presented at an international scientific event, published in a volume indexed in Web of Science - Conference Proceedings Citation Index Science (CPCI-S), Conference Proceedings Citation Index - Social Science & Humanities (CPCI-SSH), classified IEEE proceedings;*
* *Papers presented at an international scientific event, published in an edited volume with ISBN (non - WoS);*
* *Invited/keynote papers presented at an international scientific event;*
* *Invited/keynote papers presented at a national scientific event.*
* *Evaluate mainly the high degree of dissemination of the organization’s scientific research results through the participation of researchers in prestigious international and national scientific events and the publication of their presentations in Web of Science (WOS) or ISBN (non-WOS) indexed conference proceedings, and invitations as keynote speakers at national and international scientific events.*

*Note: In the case of papers presented at scientific events, will be taken into consideration only those for which the author has indicated the affiliation to the evaluated research organization. In the case of invited/keynote papers presented at a scientific event, a copy of the lecturer's diploma or invitation (excluding POS, ERASMUS) will be required.*

**Indicator II.3 Visibility and impact of the published work**

* *Analyse the scientific visibility and impact of the research organization's publications through the number of citations in WOS, SCOPUS, IEEE or, in addition, for humanities, Arts & Humanities Citation Index, CNSC (A or B) indexed journals and books (excluding self-citation).*
* *The performance indicators associated with indicator II.3 are:*
* *Number of citations accumulated by the research organization during the evaluated period in the following databases:*

*- Web of Science;*

*- SCOPUS; IEEE;*

*- In addition, for humanities in the Arts & Humanities Citation Index, journals indexed CNSC (A or B) and books.*

* *Evaluate mainly the identification of a significant number of citations in the evaluated period, of papers published by the research organization in WOS, SCOPUS, IEEE or, in addition, for the humanities Arts & Humanities Citation Index, CNSC (A or B) indexed journals and books, regardless of the year of publication of the cited work.*

*Note: In the case of citations, only those for works published by the author affiliated with the evaluated research organization will be taken into consideration.*

| **GENERAL CRITERION** | **INDICATORS** | **MAXIMUM SCORE** | **SCORE OBTAINED** | **COMMENT** |
| --- | --- | --- | --- | --- |
| **III. MANAGEMENT AND INSTITUTIONAL CAPACITY** | III.1 Quality management system (certified by authorised institutions) | 5 |  |  |
| III.2 Regulations, rules, procedures implemented by the research organization | 5 |  |  |
| III.3 Ethics and academic integrity in research | 5 |  |  |
| III.4 Research infrastructure related to the mission and objectives of the research organization (how the infrastructure sustains the mission of the research organization) | 12 |  |  |
| III.5 The research organization as a member in scientific networks/associative bodies | 6 |  |  |
| III.6 Accredited/non-accredited testing, trials, analysis laboratories; Open access libraries and databases created/administered, to the extent that funding was available | 7 |  |  |
| III.7 Degree of digitalization of the research organization | 6 |  |  |
| **TOTAL** | **46** |  |  |

**Indicator III.1 Quality management system (certified by authorised institutions)**

* *Analyse whether the organization has developed, approved and implemented a quality management regulation/procedure, a quality manual, a procedure for managing risks and opportunities and, in general, the existence of quality procedures for the activities carried out.*
* *Evaluate mainly whether the organization has developed, approved and implemented a quality management regulation/procedure, a quality manual, a procedure for managing risks and opportunities and, in general, the existence of quality procedures for the activities carried out.*
* *The maximum score is awarded when the research organization provides proof of ISO 9001 accreditation from an authorised institution.*

**Indicator III.2 Regulations, rules, procedures implemented by the research organization**

* *Analyse whether the research organization has updated organizational and operational regulations and an internal regulation according to the legal provisions in force, regulations/procedures developed, approved and implemented for research activity management, employee performance evaluation, integrity, equal opportunities, etc.*
* *Evaluate mainly the high degree of implementation of regulations, rules and procedures and the high degree of confidence in the Internal Managerial Control System (SCIM) of the research organization.*

**Indicator III.3 Ethics and academic integrity in research**

* *Evaluate mainly whether the research organization has a code of ethics, ethics committee operating procedure developed, approved and implemented, the existence of the ethics and academic integrity committee and documents attesting the functioning of the ethics committee, in case of complaints.*

**Indicator III.4 Research infrastructure linked to the mission and objectives of the** research **organization**

* *Analyse the extent to which the infrastructure sustains the research organization’s mission.*
* *Analyse the degree of development of the research, development and innovation infrastructure.*
* *Evaluate mainly whether the research infrastructure is appropriate to the mission of the evaluated institution, its high degree of development and the existence of an investment strategy and plan.*

**Indicator III.5 The research organization as a member in scientific networks/associative bodies**

* *Evaluate mainly whether the research organization has collaboration agreements/protocols in place, as well as whether there is documentary evidence that they are functional (submission and winning of projects in partnership, organization of scientific events in partnership, joint preparation of scientific publications: articles/studies/books, etc.).*

**Indicator III.6 Accredited or non-accredited testing, trials, analysis laboratories; Open access libraries and databases created/administered - to the extent that funding was available**

* *Evaluate mainly whether, relative to the available funds, the research organization has testing, trials, analysis laboratories, and if they are accredited* ***or*** *the research organization has its own library* ***or*** *Open Access databases and whether there is evidence that the information in the library, Open Access databases has been accessed/frequency of access.*

**Indicator III.7 Degree of digitalization of the research organization**

* *Analyse whether, relative to the research organization’s mission and in correlation with the current standards in the field, the IT infrastructure is adequate for the researchers' work, and the extent to which the research organization has an updated website with the results of the research carried out in the research organization available in an open access regime.*
* *Evaluate mainly whether the IT infrastructure is appropriate to the research organization’s mission, whether the research organization has a website in Romanian and English and, in correlation with the available funds, the website is updated with research results published in an open access regime.*

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| **GENERAL CRITERION** | **INDICATORS** | **MAXIMUM SCORE** | **SCORE OBTAINED** | **COMMENT** |
| **IV. PERFORMANCE AND SOCIO-ECONOMIC IMPACT** | IV.1 The extent to which the activity responds to public interests of national or local importance | 10 |  |  |
| IV.2 The capacity to develop national and international collaborations | 8 |  |  |
| IV.3 The contribution to national and world science and culture | 8 |  |  |
| **TOTAL** | **26** |  |  |

**Indicator IV.1 The extent to which the activity responds to public interests of national or local importance**

* *Analyse whether the activity carried out by the organization responds to public interests of national or local importance in correlation with its mission, whether it develops studies, sectoral projects, research projects of local or national impact; research services for or in partnership with commercial entities.*
* *Evaluate mainly the coordination of or participation in the preparation of complex works with national and local impact.*

**Indicator IV.2 The capacity to develop national and international collaborations**

* *Analyse the capacity of the research organization to develop national and international collaborations that have as main outcomes the joint use of components of the research infrastructure, providing access to researchers from other research organizations to different components of its own infrastructure (including IOSIN); provide support services for other research organizations or researchers from outside the organization, co-opting partner organizations or researchers from other organizations in the initiated projects.*
* *Evaluate mainly evidence of a high degree of joint use of infrastructure with other research organizations, providing access to components of the research infrastructure for researchers from other research organizations, providing services to other research organizations or researchers from other research organizations, as well as attracting researchers or research organizations into inter- and trans-disciplinary research projects.*

**Indicator IV.3 The contribution to national and world science and culture**

* *Analyse the works identified by the research organization as being of reference for national and world science and culture in terms of the contributions made by the research organization through these works, and the evidence of recognition of their impact by the national and international scientific community.*
* *Evaluate mainly the publication of reference works in the field, e.g. handbooks; dictionaries/encyclopaedias; books published by the most prestigious publishing houses; results highlighted, e.g on the cover of prestigious journals, organization of activities to disseminate results of scientific work through large-scale events/studies/workshops with proven prestige in the national and international scientific community.*

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| **GENERAL CRITERION** | **INDICATORS** | **MAXIMUM SCORE** | **SCORE OBTAINED** | **COMMENT** |
| **V. HUMAN RESOURCES** | V.1 Staff structure by scientific grade and the share of PhD supervisors, and career development opportunities | 3 |  |  |
| V.2 Members in the editorial board of a national/international journal (rated by Web of Science, SCOPUS) or in the editorial board of an established international publishing house; members in an international think tank/expert group at European/global level; members (*fellow*, *senior*) of an international scientific society | 3 |  |  |
| V.3 Members in the management/scientific board of an international organization/association in the field | 3 |  |  |
| V.4 Members/experts in joint committees/working groups of public authorities at national level | 3 |  |  |
| V.5 Members of a University Doctoral School Council or a Doctoral School Council (CSUD); members (*fellow*, *senior*) of a national scientific society; members of the scientific/editorial board of a prestigious national journal | 3 |  |  |
| V.6 Awards/distinctions/titles | 3 |  |  |
| **TOTAL** | **18** |  |  |

**Indicator V.1 Staff structure by scientific grade and share of PhD supervisors, and career development opportunities**

* *Analyse the career development opportunities offered by the research organization to its members, the structure of the scientific research staff by scientific grade, the number and share of PhDs, PhD supervisors, the quality of the research team as a whole and the extent to which it is appropriate for the mission and activities carried out by the research organization.*
* *Analyse the structure of the total staff and research staff, the share of teaching staff (lecturers - professors) and researchers (CS III - CS I) in the total research-development staff and the share of PhD supervisors.*
* *Analyse the number of PhDs and their share in the research-development staff.*

**Indicator V.2 Members in the editorial board of a national/international journal (rated by Web of Science, SCOPUS) or in the editorial board of an international publishing house; members in an international think tank/expert group at European/global level; members of an international scientific society**

* *Analyse how the researchers from the research organization, through their results and their prestige, contribute to increasing the visibility of the research organization, of the Romanian scientific research in the respective fundamental field at international and European level.*
* *Evaluate mainly the presence of senior researchers from the research organization in the editorial boards of prestigious national and international journals, in the editorial boards of established international publishing houses, in international think tanks/expert groups at European/global level, their membership (fellow, senior) in prestigious international scientific societies in the field.*

**Indicator V.3 Members in the management/scientific board of an international organization or association in the field**

* *Analyse how the research organization and the Romanian scientific research benefit from increased visibility and prestige through the representatives of the research organization in the management/scientific board of prestigious international organizations/associations.*
* *Evaluate mainly the presence of researchers from the research organization in the management/scientific board of prestigious international organizations/associations.*

**Indicator V.4 Members/experts in joint committees/working groups of public authorities at national level**

* *Analyse how the research organization, through its researchers, has been involved in solving current societal problems.*
* *Evaluate mainly the presence of researchers from the research organization as members or experts in joint committees/working groups set up by public authorities at national level for the substantiation and preparation of draft regulations, strategies and policies, action plans, policy documents, etc.*
* *Evaluate mainly a high degree of connection of the research organization, through its researchers, to the real needs of society and evidence that the research organization carries out actions with an economic and social impact.*

**Indicator V.5 Members of a University Doctoral School Council or a Doctoral School Council (CSUD); members (fellow, senior) of a national scientific society; members of the scientific/editorial board of a prestigious national journal**

* *Analyse the degree to which the research organization, through its researchers, is recognized for its ability to contribute to coordinating and enhancing the quality of doctoral student training, to the development of knowledge in the specific fundamental research area, to the maintenance of high standards of quality and respect for ethics and academic integrity in the specific research area.*
* *Analyse the degree to which the research organization, through its researchers, is recognized for its ability to contribute to coordinating and enhancing the quality of doctoral student training, to the development of knowledge in the specific fundamental research area, to the maintenance of high standards of quality and respect for ethics and academic integrity in the specific research area.*
* *Evaluate mainly the presence of researchers from the research organization in the scientific governing bodies of doctoral and postdoctoral schools (council of a university school or council of a doctoral school), their presence as members in national scientific societies in the fundamental research field, in scientific/editorial boards of prestigious journals, etc.*

**Indicator V.6 Awards/distinctions/titles**

* *Analyse how the results of the researchers from the research organization and their professional prestige are recognized (through awards/distinctions/titles) by national and international established forums, awards granted by the Romanian Academy, awards granted by state institutions/authorities (ASAS, AOSR, ASTR, branch academies, CNCSIS, etc.), the award of the researchers by a national scientific society, national awards in the field, the award of the title of Doctor Honoris Causa to the members of the research organization.*
* *Evaluate mainly the degree to which the prestigious results of the research organization and its researchers are recognized and validated by the Romanian Academy, state institutions and authorities, national and international scientific societies, universities, following selection processes, etc.*

***Note:*** *Awards for research results (PRECISI) will not be considered.*

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| **GENERAL CRITERION** | **INDICATORS** | **MAXIMUM SCORE** | **SCORE OBTAINED** | **COMMENT** |
| **VI. STRATEGIC DEVELOPMENT PLAN FOR THE EVALUATED PERIOD AND FOR THE NEXT 5 YEARS** | VI.1 The quality and feasibility of the proposed strategic objectives relative to the research organization’s mission and the field in which it operates | 5 |  |  |
| VI.2 The extent to which the scientific and institutional objectives are correlated with relevant trends in the organization's scientific field and societal needs | 5 |  |  |
| **TOTAL** | **10** |  |  |

**Indicator VI.1 The quality and feasibility of the proposed strategic objectives relative to the organization's mission and the field in which it operates**

* *Evaluate mainly whether the presented objectives are feasible, and whether the proposed strategic development directions support their implementation relative to the research organization’s mission. Analyse the Institutional Strategic Plan.*
* *Evaluate mainly the quality of the SWOT analysis relative to the environment in which it operates.*
* *Evaluate mainly the degree of correlation and the integration of the specific research directions of the research organization with the specific directions of the national and European research, development and innovation space.*
* *Evaluate mainly the alignment of the organization’s human resources policy with the requirements of the European Charter for Researchers, the Code of Conduct for the Recruitment of Researchers and the commitment to the Human Resources Strategy for Researchers (HRS4R).*

**Indicator VI.2 The extent to which the scientific and institutional objectives are correlated with relevant trends in the organization's scientific field and societal needs**

* *Evaluate mainly the initiative to set up an international scientific advisory board.*
* *Evaluate mainly the existence of an enabling framework to support innovation and technology transfer.*
* *Evaluate mainly the degree to which the scientific and institutional objectives are correlated with relevant national and international trends in the organization's scientific field and societal needs.*

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| Conclusions/recommendations: |