## ANNEX 1 – Funding application

*The document uses Times New Roman font type, 12 font size, 1.5 line spacing and 2 cm margins. The grey text contains filling instructions for candidates and will NOT be deleted and replaced with the required information. There will be maintained the black text, which marks the mandatory information and sections of the application.*

**A. General information**

**Project title (maximum 200 characters):**

**Summary in Romanian (max. 2000 characters, including spaces):**

**Summary in English (max. 2000 characters, including spaces):**

**Project director and host institution:**

Name:

Previous names (if applicable):

First name:

Date of birth:

PhD graduate since (year):

Telephone:

E-mail address:

Name of the institution:

Address of the institution:

The contact person in the institution:

**Research team structure/** (nominated team members/ the team structure in case the team structure is not nominated):

**Fields in which the project fits** (according to Annex 3).

*(The chosen main field also represents the field of the project proposal)*

Main domain:

Subdomains:

Main research area:

Secondary research area:

Secondary research area:

**Keywords:**

1:

2:

3:

4:

5:

**Project duration: min. 24 - max. 30 months**

**Requested budget (RON):**

**The requested budget (EUR; InforEuro rate May 2023):**

**New Project Redeployment**

***B. Project director***

***B1. Important scientific achievements of the project director*** (max. 4 pages)

*The most important contributions of the project director in his field of research will be presented (for example, discoveries which significantly led to a better knowledge in the field provable through publications and patents).*

*The following categories of information will be presented:*

* + 1. *the total number of citations (excluding self-citations), according to the Web of Science/ Publons;*
		2. *the Hirsch index, according to the Web of Science/ Publons;*
		3. *the address of the Web of Science/Publons or ORCID profile will be indicated;*
		4. the most representative publications will be indicated *(max. 10):*
		5. projects that the project director has done as principal investigator/group leader (the link/ project web page will be indicated)

***B2. Curriculum Vitae (max. 2 pages)***

**C. Funding application (*max. 11 pages*)**

*In this chapter, the scientific context, the purpose, the objectives, the way of implementing the objectives (project activities), the deliverables and the necessary resources will be specified in detail. The evaluation of the project proposal will be done taking into account ONLY the specified number of pages.*

**C1. Motivation of the proposed topic in the current scientific context. Border-like character, relevance and expected impact. Originality and degree of innovation.**

*The scientific motivation of the project theme will be justified by delimiting the problem addressed in the current scientific context; It will be justified to what extent the proposed research addresses important challenges (complex/frontier issues). The following two aspects will be highlighted: (1) the importance of the problem from a scientific, technological, socio-economical or cultural point of view, the elements of difficulty of the problem, the limitations of current approaches, through the analysis of the current state of knowledge in the project’s topic; (2) the originality and innovation elements that the proposed project brings to the field, in relation to the current state of knowledge. If the proposed topic has been addressed in previous projects, the details of the previous projects need to be indicated (financier/funder, name and code of project, web page, obtained results) and the novelty elements need to be clearly mentioned in relation to the previous studies.*

**C2. Objectives, methodology and work plan**

*The approach taken within the project will be presented, at a principal level, highlighting the following three aspects: (1) the concrete objectives of the project; (2)* *the proposed work strategy, including investigation methods and tools; (3) a work plan, staggered over time, which will describe the way in which the project will be organised, in relation to the proposed objectives.*

**C3. Project feasibility: available resources, research team structure and preliminary results**

*The existing resources in the host institution, relevant for the development of the project (the link from* [*https://eertis.eu/*](https://eertis.eu/) *platform will be indicated) will be presented, as well as the necessary ones that will be purchased within the project. In particular, the following aspects shall be specified: (1) the estimation of the time allocated to the project by each member of the project team, in months / member units, in accordance with the work plan presented in section C2; (2) the argumentation of the project team’s adequacy and the research infrastructure available to the fulfilling of the project’s objectives in the allocated time; in the case of the vacancies the expected competencies will be briefly described (3) the preliminary results that support the working hypothesis of the project (if there are any).*

**C4. Risks and alternative approaches**

*The potential scientific and administrative risks will be described, alongside with the approaches through which these risks would be going to be addressed.*

**C5*.* Impact and dissemination**

*The expected impact of the project will be discussed within a wider area of the scientific field, with an emphasis on the following aspects: (1) the estimated scientific results of the project, with the mentioning of the expected result indicators; (2) the potential impact of the project on the host institution, the project team, the scientific, social, economic and cultural environment (if the latter three are relevant to the field or theme of the project) and/or the applicative directions which will be explored in the project (if it’s applicable for the proposed research direction); (3) concrete elements of the strategy for disseminating scientific results.*

**C6. Requested budget**

*The following aspects will be presented, in detail: (1) The distribution of budget by type of expenses and by project year must be indicated and justified; (2) Justification for the purchase of new equipment with a value higher than 250 000 lei (price without VAT), with reference to the project objectives; (3) The budget is distributed on types of expenses as follows: staff expenses, logistics expenses, travel expenses, and indirect costs (overheads).*

*Section C6 will not receive points in the evaluation; the evaluators' comments associated with this sub-criterion will only be used in the negotiation and contracting process, in the case that the project will be funded.*

Quotation estimate (in RON, by calendar years):

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  **Budget chapter**  | **First year** | **Second year** | **Third year** | **Total budget** |
| **Staff expenses** |  |  |  |  |
| **Logistics expenses** |  |  |  |  |
| **Travel expenses** |  |  |  |  |
| **Indirect costs** |  |  |  |  |
| **Total** |  |  |  |  |

Quotation estimate (in EUR, by calendar years):

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  **Budget chapter**  | **First year** | **Second year** | **Third year** | **Total budget** |
| **Staff expenses** |  |  |  |  |
| **Logistics expenses** |  |  |  |  |
| **Travel expenses** |  |  |  |  |
| **Indirect costs** |  |  |  |  |
| **Total** |  |  |  |  |

**C7. Bibliography**

**Estimated Budget (in RON):**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Budget chapter** | **Months 1-12** | **Months 13 - 24** | **Months 25 - 30** | **Total budget** |
| Eligible expenditure - NRRP funding/State aid (RON)(1) | VAT on eligible expenditure - 19% (RON)(2) | Eligible expenditure - NRRP funding/State aid (RON) (3) | VAT on eligible expenditure - 19% (RON)(4) | Eligible expenditure - NRRP funding/State aid (RON) (5) | VAT on eligible expenditure - 19% (ron) (6) | Eligible expenditure - NRRP funding/State aid (RON)(7) | VAT on eligible expenditure - 19% (ron)(8) |
| 1. Direct expenditure (staff costs, logistical costs and travel costs, excluding the value of tangible fixed assets).
 |  |  |  |  |  |  |  |  |
| 1. Staff expenditure, of which: |  |  |  |  |  |  |  |  |
| "1.1. Staff expenditure related to position <<P1 - Project Director>>: |  |  |  |  |  |  |  |  |
| no. hours/month x 12 months x rate lei/hour x (1+2.25%) = ... lei/year" |  |  |  |  |  |  |  |  |
| … |  |  |  |  |  |  |  |  |
| 2. Logistics costs, of which: |  |  |  |  |  |  |  |  |
| (a) capital expenditure: research instruments and equipment necessary for the implementation and running of the project; |  |  |  |  |  |  |  |  |
| b) expenditure on the purchase of materials, consumables and other similar products: maximum 20% of the project budget; |  |  |  |  |  |  |  |  |
| (c) costs of contract research, patents purchased or licensed from external sources on a fully competitive basis, and costs of consultancy and equivalent services used exclusively for the project; |  |  |  |  |  |  |  |  |
| (d) other operating costs incurred directly as a result of the project: expenditure related to the 'open access' dissemination of project results. |  |  |  |  |  |  |  |  |
| 3. Travel expenses (maximum 2.5% of the sum of staff and logistical expenses), of which: |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 1. Overheads (indirect) - (maximum 15% of total staff costs, logistics costs and travel costs, excluding the value of tangible fixed assets).
 |  |  |  |  |  |  |  |  |
| Total |  |  |  |  |  |  |  |  |

Notă: **The amount of eligible expenditure is/is not State aid** *(please select the applicable option)*

## ANNEX 2 – Evaluation sheet

**Please deliver your comments for each sub-criterion as a bullet point list of strengths (+) and weaknesses (-).**

* 1. **Principal Investigator (PI) - 40% of the total score;**
	2. **Quality of the PI’s research output - 40% of the total score of Criterion 1**

Evaluate to what extent the PI's research has led to progress in their field of expertise, in general (i.e., not only in the narrow field/theme of the project). Comment on the importance of the PI’s scientific discoveries, as reflected in their track record or other achievements.

* 1. **Visibility and impact of the PI’s research output - 30% of the total score of Criterion 1**

Evaluate to what extent the PI’s scientific output is internationally recognized. Comment on the international visibility of the PI’s scientific output as reflected, for example, in attracting research funding, in citations in top journals, number of citations, relevance of their published work (For 1.1.-1.2. please take into account the scientific output in relation to the current career stage of the PI).

* 1. **PI’s ability to tackle the proposed topic - 30% of the total score of Criterion 1**

Evaluate to what extent the PI’s research output is relevant for the present project. Comment on how the previously published work or previous projects of the PI relate to the proposed research.

* 1. **Research Project - 60% of the total score**
	2. **State-of-the-art and originality/innovation - 30% of the total score of Criterion 2**

Evaluate whether the problem addressed by the project is clearly identified in relation to the state-of-the-art in the field. Comment on the originality and novelty of the proposed solution. If previous projects of the applicant addressing a similar topic are mentioned, comment on the novel aspects investigated in the present project.

* 1. **Research objectives, methodology and work plan - 30% of the total score of Criterion 2**

Evaluate the clarity and coherence of the scientific objectives. To what extent is the proposed methodological approach suitable for reaching these objectives? How effective is the work plan (timelines, milestones, deliverables) in terms of achieving the proposed objectives? Comment on the coherence of the approach in terms of activities and time scales.

* 1. **Feasibility (resources, research team and preliminary results) - 20% of the total score of Criterion 2**

To what extent is the success of the project plausible? To what extent will the human and material resources available for the project will ensure successful implementation of the project? Are there any preliminary results presented in support of the hypothesis and proposed solution?

* 1. **Risks and contingency plans - 10% of the total score of Criterion 2**

To what extent does the risk analysis correctly identify potential pitfalls? Also comment on the effectiveness of the alternative solutions proposed.

* 1. **Expected impact and dissemination plan - 10% of the total score of Criterion 2**

To what extent is the expected scientific output of the proposed work realistically described and how likely is it to lead to significant progress in the field? How will the proposed research impact (the visibility of) the host institution, PI and research team? Also, comment on the quality of the proposed measures to disseminate the scientific output of the proposal. Social, economic, or cultural impact should be considered only if relevant for the proposed research.

* 1. **Budget; this section will not be scored**

Please provide an overall assessment of the research budget requested and evaluate to what extent it is justified by the proposed research activities. There will be no score associated with this criterion, but the assessment will be useful to the funding agency in negotiating the final financial award.

**Please deliver your comments for each sub-criterion as a bullet point list of strengths (+) and weaknesses (-).**

Scoring chart:

|  |  |  |
| --- | --- | --- |
| **0** | **ABSENT** | The proposal fails to address the criterion under examination or cannot be judged due to *missing or incomplete information.* |
| **1** | **UNSATISFACTORY** | The criterion is addressed in an *inadequate manner*, or there are *serious inherent weaknesses.* |
| **2** | **SATISFACTORY** | While the proposal *broadly addresses* the criterion, there are *significant weaknesses.* |
| **3** | **GOOD** | The proposal addresses the criterion *well*, although *improvements would be necessary. A number of shortcomings are present.* |
| **4** | **VERY GOOD** | The proposal addresses the criterion very well, although *certain improvements are still possible. A small number of shortcomings are present.* |
| **5** | **EXCELLENT** | The proposal successfully addresses all relevant aspects of the criterion. Any shortcomings are minor. |

2. When scoring use the full scale, from 0 to 5 – in 0.25 increments.

3. The scores must reflect the strengths and weaknesses and they must be in line with the comments. Scores below 5 (i.e., also **3** – good or **4** -very good**) must be in accordance with the identified weaknesses, which should be clearly indicated** in your comments!

4. Each strength and weakness must be reflected only once in the report and the scores (**no double penalty**).

**Note**: The final score will be calculated as a sum of the grades for each of the eight subcriteria weighed by the corresponding percentage and multiplying by 20 (final score between 0 and 100).

## ANNEX 3 – Scientific fields

**FIELD (1) Physical Sciences and Engineering**

*PE1 Mathematics*

*All areas of mathematics, pure and applied, plus mathematical foundations of computer science,*

*mathematical physics and statistics*

PE1\_1 Logic and foundations

PE1\_2 Algebra

PE1\_3 Number theory

PE1\_4 Algebraic and complex geometry

PE1\_5 Lie groups, Lie algebras

PE1\_6 Geometry and global analysis

PE1\_7 Topology

PE1\_8 Analysis

PE1\_9 Operator algebras and functional analysis

PE1\_10 ODE and dynamical systems

PE1\_11 Theoretical aspects of partial differential equations

PE1\_12 Mathematical physics

PE1\_13 Probability

PE1\_14 Mathematical statistics

PE1\_15 Generic statistical methodology and modelling

PE1\_16 Discrete mathematics and combinatorics

PE1\_17 Mathematical aspects of computer science

PE1\_18 Numerical analysis

PE1\_19 Scientific computing and data processing

PE1\_20 Control theory, optimisation and operational research

PE1\_21 Application of mathematics in sciences

PE1\_22 Application of mathematics in industry and society

*PE2 Fundamental Constituents of Matter*

*Particle, nuclear, plasma, atomic, molecular, gas, and optical physics*

PE2\_1 Theory of fundamental interactions

PE2\_2 Phenomenology of fundamental interactions

PE2\_3 Experimental particle physics with accelerators

PE2\_4 Experimental particle physics without accelerators

PE2\_5 Classical and quantum physics of gravitational interactions

PE2\_6 Nuclear, hadron and heavy ion physics

PE2\_7 Nuclear and particle astrophysics

PE2\_8 Gas and plasma physics

PE2\_9 Electromagnetism

PE2\_10 Atomic, molecular physics

PE2\_11 Ultra-cold atoms and molecules

PE2\_12 Optics, non-linear optics and nano-optics

PE2\_13 Quantum optics and quantum information

PE2\_14 Lasers, ultra-short lasers and laser physics

PE2\_15 Thermodynamics

PE2\_16 Non-linear physics

PE2\_17 Metrology and measurement

PE2\_18 Equilibrium and non-equilibrium statistical mechanics: steady states and dynamics

*PE3 Condensed Matter Physics*

*Structure, electronic properties, fluids, nanosciences, biological physics*

PE3\_1 Structure of solids, material growth and characterisation

PE3\_2 Mechanical and acoustical properties of condensed matter, lattice dynamics

PE3\_3 Transport properties of condensed matter

PE3\_4 Electronic properties of materials, surfaces, interfaces, nanostructures

PE3\_5 Physical properties of semiconductors and insulators

PE3\_6 Macroscopic quantum phenomena, e.g. superconductivity, superfluidity, quantum Hall effect

PE3\_7 Spintronics

PE3\_8 Magnetism and strongly correlated systems

PE3\_9 Condensed matter – beam interactions (photons, electrons, etc.)

PE3\_10 Nanophysics, e.g. nanoelectronics, nanophotonics, nanomagnetism, nanoelectromechanics

PE3\_11 Mesoscopic quantum physics and solid-state quantum technologies

PE3\_12 Molecular electronics

PE3\_13 Structure and dynamics of disordered systems, e.g. soft matter (gels, colloids, liquid crystals), granular matter, liquids, glasses, defects

PE3\_14 Fluid dynamics (physics)

PE3\_15 Statistical physics: phase transitions, condensed matter systems, models of complex systems, interdisciplinary applications

PE3\_16 Physics of biological systems

*PE4 Physical and Analytical Chemical Sciences*

*Analytical chemistry, chemical theory, physical chemistry/chemical physics*

PE4\_1 Physical chemistry

PE4\_2 Spectroscopic and spectrometric techniques

PE4\_3 Molecular architecture and Structure

PE4\_4 Surface science and nanostructures

PE4\_5 Analytical chemistry

PE4\_6 Chemical physics

PE4\_7 Chemical instrumentation

PE4\_8 Electrochemistry, electrodialysis, microfluidics, sensors

PE4\_9 Method development in chemistry

PE4\_10 Heterogeneous catalysis

PE4\_11 Physical chemistry of biological systems

PE4\_12 Chemical reactions: mechanisms, dynamics, kinetics and catalytic reactions

PE4\_13 Theoretical and computational chemistry

PE4\_14 Radiation and Nuclear chemistry

PE4\_15 Photochemistry

PE4\_16 Corrosion

PE4\_17 Characterisation methods of materials

PE4\_18 Environment chemistry

*PE5 Synthetic Chemistry and Materials*

*New materials and new synthetic approaches, structure-properties relations, solid state chemistry,*

*molecular architecture, organic chemistry*

PE5\_1 Structural properties of materials

PE5\_2 Solid state materials chemistry

PE5\_3 Surface modification

PE5\_4 Thin films

PE5\_5 Ionic liquids

PE5\_6 New materials: oxides, alloys, composite, organic-inorganic hybrid, nanoparticles

PE5\_7 Biomaterials synthesis

PE5\_8 Intelligent materials synthesis – self assembled materials

PE5\_9 Coordination chemistry

PE5\_10 Colloid chemistry

PE5\_11 Biological chemistry and chemical biology

PE5\_12 Chemistry of condensed matter

PE5\_13 Homogeneous catalysis

PE5\_14 Macromolecular chemistry

PE5\_15 Polymer chemistry

PE5\_16 Supramolecular chemistry

PE5\_17 Organic chemistry

PE5\_18 Medicinal chemistry

*PE6 Computer Science and Informatics*

*Informatics and information systems, computer science, scientific computing, intelligent systems*

PE6\_1 Computer architecture, embedded systems, operating systems

PE6\_2 Distributed systems, parallel computing, sensor networks, cyber-physical systems

PE6\_3 Software engineering, programming languages and systems

PE6\_4 Theoretical computer science, formal methods, automata

PE6\_5 Security, privacy, cryptology, quantum cryptography

PE6\_6 Algorithms and complexity, distributed, parallel and network algorithms, algorithmic game theory

PE6\_7 Artificial intelligence, intelligent systems, natural language processing

PE6\_8 Computer graphics, computer vision, multimedia, computer games

PE6\_9 Human computer interaction and interface, visualisation

PE6\_10 Web and information systems, data management systems, information retrieval and digital libraries, data fusion

PE6\_11 Machine learning, statistical data processing and applications using signal processing (e.g. speech, image, video)

PE6\_12 Scientific computing, simulation and modelling tools

PE6\_13 Bioinformatics, bio-inspired computing, and natural computing

PE6\_14 Quantum computing (formal methods, algorithms and other computer science aspects)

*PE7 Systems and Communication Engineering*

*Electrical, electronic, communication, optical and systems engineering*

PE7\_1 Control engineering

PE7\_2 Electrical engineering: power components and/or systems

PE7\_3 Simulation engineering and modelling

PE7\_4 (Micro- and nano-) systems engineering

PE7\_5 (Micro- and nano-) electronic, optoelectronic and photonic components

PE7\_6 Communication systems, wireless technology, high-frequency technology

PE7\_7 Signal processing

PE7\_8 Networks, e.g. communication networks and nodes, Internet of Things, sensor networks, networks of robots

PE7\_9 Man-machine interfaces

PE7\_10 Robotics

PE7\_11 Components and systems for applications (in e.g. medicine, biology, environment)

PE7\_12 Electrical energy production, distribution, applications

*PE8 Products and Processes Engineering*

*Product and process design, chemical, civil, environmental, mechanical, vehicle engineering, energy processes and relevant computational methods*

PE8\_1 Aerospace engineering

PE8\_2 Chemical engineering, technical chemistry

PE8\_3 Civil engineering, architecture, offshore construction, lightweight construction, geotechnics

PE8\_4 Computational engineering

PE8\_5 Fluid mechanics

PE8\_6 Energy processes engineering

PE8\_7 Mechanical engineering

PE8\_8 Propulsion engineering, e.g. hydraulic, turbo, piston, hybrid engines

PE8\_9 Production technology, process engineering

PE8\_10 Manufacturing engineering and industrial design

PE8\_11 Environmental engineering, e.g. sustainable design, waste and water treatment, recycling,

regeneration or recovery of compounds, carbon capture & storage

PE8\_12 Naval/marine engineering

PE8\_13 Industrial bioengineering

PE8\_14 Automotive and rail engineering; multi-/inter-modal transport engineering

*PE9 Universe Sciences*

*Astro-physics/-chemistry/-biology; solar system; planetary systems; stellar, galactic and extragalactic astronomy; cosmology; space sciences; astronomical instrumentation and data*

PE9\_1 Solar physics – the Sun and the heliosphere

PE9\_2 Solar system science

PE9\_3 Exoplanetary science, formation and characterization of extrasolar planets

PE9\_4 Astrobiology

PE9\_5 Interstellar medium and star formation

PE9\_6 Stars – stellar physics, stellar systems

PE9\_7 The Milky Way

PE9\_8 Galaxies – formation, evolution, clusters

PE9\_9 Cosmology and large-scale structure, dark matter, dark energy

PE9\_10 Relativistic astrophysics and compact objects

PE9\_11 Gravitational wave astronomy

PE9\_12 High-energy and particle astronomy

PE9\_13 Astronomical instrumentation and data, e.g. telescopes, detectors, techniques, archives, analyses

*PE10 Earth System Science*

*Physical geography, geology, geophysics, atmospheric sciences, oceanography, climatology, cryology, ecology, global environmental change, biogeochemical cycles, natural resources management*

PE10\_1 Atmospheric chemistry, atmospheric composition, air pollution

PE10\_2 Meteorology, atmospheric physics and dynamics

PE10\_3 Climatology and climate change

PE10\_4 Terrestrial ecology, land cover change

PE10\_5 Geology, tectonics, volcanology

PE10\_6 Palaeoclimatology, palaeoecology

PE10\_7 Physics of earth’s interior, seismology, geodynamics

PE10\_8 Oceanography (physical, chemical, biological, geological)

PE10\_9 Biogeochemistry, biogeochemical cycles, environmental chemistry

PE10\_10 Mineralogy, petrology, igneous petrology, metamorphic petrology

PE10\_11 Geochemistry, cosmochemistry, crystal chemistry, isotope geochemistry, thermodynamics

PE10\_12 Sedimentology, soil science, palaeontology, earth evolution

PE10\_13 Physical geography, geomorphology

PE10\_14 Earth observations from space/remote sensing

PE10\_15 Geomagnetism, palaeomagnetism

PE10\_16 Ozone, upper atmosphere, ionosphere

PE10\_17 Hydrology, hydrogeology, engineering and environmental geology, water and soil pollution

PE10\_18 Cryosphere, dynamics of snow and ice cover, sea ice, permafrosts and ice sheets

PE10\_19 Planetary geology and geophysics

PE10\_20 Geohazards

PE10\_21 Earth system modelling and interactions

*PE11 Materials Engineering*

*Advanced materials development: performance enhancement, modelling, large-scale preparation,*

*modification, tailoring, optimisation, novel and combined use of materials, etc.*

PE11\_1 Engineering of biomaterials, biomimetic, bioinspired and bio-enabled materials

PE11\_2 Engineering of metals and alloys

PE11\_3 Engineering of ceramics and glasses

PE11\_4 Engineering of polymers and plastics

PE11\_5 Engineering of composites and hybrid materials

PE11\_6 Engineering of carbon materials

PE11\_7 Engineering of metal oxides

PE11\_8 Engineering of alternative established or emergent materials

PE11\_9 Nanomaterials engineering, e.g. nanoparticles, nanoporous materials, 1D & 2D nanomaterials

PE11\_10 Soft materials engineering, e.g. gels, foams, colloids

PE11\_11 Porous materials engineering, e.g. covalent-organic, metal-organic, porous aromatic frameworks

PE11\_12 Semi-conducting and magnetic materials engineering

PE11\_13 Metamaterials engineering

PE11\_14 Computational methods for materials engineering

**FIELD (2) Life Sciences**

*LS1 Molecules of Life: Biological Mechanisms, Structures and Functions*

*For all organisms: Molecular biology, biochemistry, structural biology, molecular biophysics, synthetic and chemical biology, drug design, innovative methods and modelling*

LS1\_1 Macromolecular complexes including interactions involving nucleic acids, proteins, lipids and carbohydrates

LS1\_2 Biochemistry

LS1\_3 DNA and RNA biology

LS1\_4 Protein biology

LS1\_5 Lipid biology

LS1\_6 Glycobiology

LS1\_7 Molecular biophysics, biomechanics, bioenergetics

LS1\_8 Structural biology

LS1\_9 Molecular mechanisms of signalling processes

LS1\_10 Synthetic biology

LS1\_11 Chemical biology

LS1\_12 Protein design

LS1\_13 Early translational research and drug design

LS1\_14 Innovative methods and modelling in molecular, structural and synthetic biology

*LS2 Integrative Biology: from Genes and Genomes to Systems*

*For all organisms: Genetics, epigenetics, genomics and other ‘omics studies, bioinformatics, systems biology, genetic diseases, gene editing, innovative methods and modelling, ‘omics for personalised medicine*

LS2\_1 Genetics

LS2\_2 Gene editing

LS2\_3 Epigenetics

LS2\_4 Gene regulation

LS2\_5 Genomics

LS2\_6 Metagenomics

LS2\_7 Transcriptomics

LS2\_8 Proteomics

LS2\_9 Metabolomics

LS2\_10 Glycomics/Lipidomics

LS2\_11 Bioinformatics and computational biology

LS2\_12 Biostatistics

LS2\_13 Systems biology

LS2\_14 Genetic diseases

LS2\_15 Integrative biology for personalised medicine

LS2\_16 Innovative methods and modelling in integrative biology

*LS3 Cellular, Developmental and Regenerative Biology*

*For all organisms: Structure and function of the cell, cell-cell communication, embryogenesis, tissue differentiation, organogenesis, growth, development, evolution of development, organoids, stem cells, regeneration, therapeutic approaches*

LS3\_1 Cell cycle, cell division and growth

LS3\_2 Cell senescence, cell death, autophagy, cell ageing

LS3\_3 Cell behaviour, including control of cell shape, cell migration

LS3\_4 Cell junctions, cell adhesion, the extracellular matrix, cell communication

LS3\_5 Cell signalling and signal transduction, exosome biology

LS3\_6 Organelle biology and trafficking

LS3\_7 Mechanobiology of cells, tissues and organs

LS3\_8 Embryogenesis, pattern formation, morphogenesis

LS3\_9 Cell differentiation, formation of tissues and organs

LS3\_10 Developmental genetics

LS3\_11 Evolution of developmental strategies

LS3\_12 Organoids

LS3\_13 Stem cells

LS3\_14 Regeneration

LS3\_15 Development of cell-based therapeutic approaches for tissue regeneration

LS3\_16 Functional imaging of cells and tissues

LS3\_17 Theoretical modelling in cellular, developmental and regenerative biology

*LS4 Physiology in Health, Disease and Ageing*

*Organ and tissue physiology, comparative physiology, physiology of ageing, pathophysiology, interorgan and tissue communication, endocrinology, nutrition, metabolism, interaction with the*

*microbiome, non-communicable diseases including cancer (and except disorders of the nervous*

*system and immunity-related diseases)*

LS4\_1 Organ and tissue physiology and pathophysiology

LS4\_2 Comparative physiology

LS4\_3 Physiology of ageing

LS4\_4 Endocrinology

LS4\_5 Non-hormonal mechanisms of inter-organ and tissue communication

LS4\_6 Microbiome and host physiology

LS4\_7 Nutrition and exercise physiology

LS4\_8 Impact of stress (including environmental stress) on physiology

LS4\_9 Metabolism and metabolic disorders, including diabetes and obesity

LS4\_10 The cardiovascular system and cardiovascular diseases

LS4\_11 Haematopoiesis and blood diseases

LS4\_12 Cancer

LS4\_13 Other non-communicable diseases (except disorders of the nervous system and immunity-related diseases)

*LS5 Neuroscience and Disorders of the Nervous System*

*Nervous system development, homeostasis and ageing, nervous system function and dysfunction,*

*systems neuroscience and modelling, biological basis of cognitive processes and of behaviour, neurological and mental disorders*

LS5\_1 Neuronal cells

LS5\_2 Glial cells and neuronal-glial communication

LS5\_3 Neural development and related disorders

LS5\_4 Neural stem cells

LS5\_5 Neural networks and plasticity

LS5\_6 Neurovascular biology and blood-brain barrier

LS5\_7 Sensory systems, sensation and perception, including pain

LS5\_8 Neural basis of behaviour

LS5\_9 Neural basis of cognition

LS5\_10 Ageing of the nervous system

LS5\_11 Neurological and neurodegenerative disorders

LS5\_12 Mental disorders

LS5\_13 Nervous system injuries and trauma, stroke

LS5\_14 Repair and regeneration of the nervous system

LS5\_15 Neuroimmunology, neuroinflammation

LS5\_16 Systems and computational neuroscience

LS5\_17 Imaging in neuroscience

LS5\_18 Innovative methods and tools for neuroscience

*LS6 Immunity, Infection and Immunotherapy*

*The immune system, related disorders and their mechanisms, biology of infectious agents and infection, biological basis of prevention and treatment of infectious diseases, innovative immunological tools and approaches, including therapies*

LS6\_1 Innate immunity

LS6\_2 Adaptive immunity

LS6\_3 Regulation of the immune response

LS6\_4 Immune-related diseases

LS6\_5 Biology of pathogens (e.g. bacteria, viruses, parasites, fungi)

LS6\_6 Infectious diseases

LS6\_7 Mechanisms of infection

LS6\_8 Biological basis of prevention and treatment of infection

LS6\_9 Antimicrobials, antimicrobial resistance

LS6\_10 Vaccine development

LS6\_11 Innovative immunological tools and approaches, including therapies

*LS7 Prevention, Diagnosis and Treatment of Human Diseases*

*Medical technologies and tools for prevention, diagnosis and treatment of human diseases, therapeutic approaches and interventions, pharmacology, preventative medicine, epidemiology and public health, digital medicine*

LS7\_1 Medical imaging for prevention, diagnosis and monitoring of diseases

LS7\_2 Medical technologies and tools (including genetic tools and biomarkers) for prevention, diagnosis, monitoring and treatment of diseases

LS7\_3 Nanomedicine

LS7\_4 Regenerative medicine

LS7\_5 Applied gene, cell and immune therapies

LS7\_6 Other medical therapeutic interventions, including transplantation

LS7\_7 Pharmacology and toxicology

LS7\_8 Effectiveness of interventions, including resistance to therapies

LS7\_9 Public health and epidemiology

LS7\_10 Preventative and prognostic medicine

LS7\_11 Environmental health, occupational medicine

LS7\_12 Health care, including care for the ageing population

LS7\_13 Palliative medicine

LS7\_14 Digital medicine, e-medicine, medical applications of artificial intelligence

LS7\_15 Medical ethics

*LS8 Environmental Biology, Ecology and Evolution*

*For all organisms: Ecology, biodiversity, environmental change, evolutionary biology, behavioural ecology, microbial ecology, marine biology, ecophysiology, theoretical developments and modelling*

LS8\_1 Ecosystem and community ecology, macroecology

LS8\_2 Biodiversity

LS8\_3 Conservation biology

LS8\_4 Population biology, population dynamics, population genetics

LS8\_5 Biological aspects of environmental change, including climate change

LS8\_6 Evolutionary ecology

LS8\_7 Evolutionary genetics

LS8\_8 Phylogenetics, systematics, comparative biology

LS8\_9 Macroevolution and paleobiology

LS8\_10 Ecology and evolution of species interactions

LS8\_11 Behavioural ecology and evolution

LS8\_12 Microbial ecology and evolution

LS8\_13 Marine biology and ecology

LS8\_14 Ecophysiology, from organisms to ecosystems

LS8\_15 Theoretical developments and modelling in environmental biology, ecology, and evolution

*LS9 Biotechnology and Biosystems Engineering*

*Biotechnology using all organisms, biotechnology for environment and food applications, applied*

*plant and animal sciences, bioengineering and synthetic biology, biomass and biofuels, biohazards*

LS9\_1 Bioengineering for synthetic and chemical biology

LS9\_2 Applied genetics, gene editing and transgenic organisms

LS9\_3 Bioengineering of cells, tissues, organs and organisms

LS9\_4 Microbial biotechnology and bioengineering

LS9\_5 Food biotechnology and bioengineering

LS9\_6 Marine biotechnology and bioengineering

LS9\_7 Environmental biotechnology and bioengineering

LS9\_8 Applied plant sciences, plant breeding, agroecology and soil biology

LS9\_9 Plant pathology and pest resistance

LS9\_10 Veterinary and applied animal sciences

LS9\_11 Biomass production and utilisation, biofuels

LS9\_12 Ecotoxicology, biohazards and biosafety

**FIELD (3) Social Sciences and Humanities**

*SH1 Individuals, Markets and Organisations*

*Economics, finance, management*

SH1\_1 Macroeconomics; monetary economics; economic growth

SH1\_2 International trade; international management; international business; spatial economics

SH1\_3 Development economics; structural change; political economy of development

SH1\_4 Finance; asset pricing; international finance; market microstructure

SH1\_5 Corporate finance; banking and financial intermediation; accounting; auditing; insurance

SH1\_6 Econometrics; operations research

SH1\_7 Behavioural economics; experimental economics; neuro-economics

SH1\_8 Microeconomic theory; game theory; decision theory

SH1\_9 Industrial organisation; entrepreneurship; R&D and innovation

SH1\_10 Management; strategy; organisational behaviour

SH1\_11 Human resource management; operations management, marketing

SH1\_12 Environmental economics; resource and energy economics; agricultural economics

SH1\_13 Labour and demographic economics

SH1\_14 Health economics; economics of education

SH1\_15 Public economics; political economics; law and economics

SH1\_16 Historical economics; quantitative economic history; institutional economics; economic systems

*SH2 Institutions, Governance and Legal Systems*

*Political science, international relations, law*

SH2\_1 Political systems, governance

SH2\_2 Democratisation and social movements

SH2\_3 Conflict resolution, war, peace building, international law

SH2\_4 Legal studies, constitutions, human rights, comparative law

SH2\_5 International relations, global and transnational governance

SH2\_6 Humanitarian assistance and development

SH2\_7 Political and legal philosophy

SH2\_8 Big data in political and legal studies

*SH3 The Social World and Its Diversity*

*Sociology, social psychology, social anthropology, education sciences, communication studies*

SH3\_1 Social structure, social mobility, social innovation

SH3\_2 Inequalities, discrimination, prejudice

SH3\_3 Aggression and violence, antisocial behaviour, crime

SH3\_4 Social integration, exclusion, prosocial behaviour

SH3\_5 Attitudes and beliefs

SH3\_6 Social influence; power and group behaviour

SH3\_7 Kinship; diversity and identities, gender, interethnic relations

SH3\_8 Social policies, welfare, work and employment

SH3\_9 Poverty and poverty alleviation

SH3\_10 Religious studies, ritual; symbolic representation

SH3\_11 Social aspects of teaching and learning, curriculum studies, education and educational policies

SH3\_12 Communication and information, networks, media

SH3\_13 Digital social research

SH3\_14 Social studies of science and technology

*SH4 The Human Mind and Its Complexity*

*Cognitive science, psychology, linguistics, theoretical philosophy*

SH4\_1 Cognitive basis of human development and education, developmental disorders; comparative cognition

SH4\_2 Personality and social cognition; emotion

SH4\_3 Clinical and health psychology

SH4\_4 Neuropsychology

SH4\_5 Attention, perception, action, consciousness

SH4\_6 Learning, memory; cognition in ageing

SH4\_7 Reasoning, decision-making; intelligence

SH4\_8 Language learning and processing (first and second languages)

SH4\_9 Theoretical linguistics; computational linguistics

SH4\_10 Language typology; historical linguistics

SH4\_11 Pragmatics, sociolinguistics, linguistic anthropology, discourse analysis

SH4\_12 Philosophy of mind, philosophy of language

SH4\_13 Philosophy of science, epistemology, logic

*SH5 Cultures and Cultural Production*

*Literary studies, cultural studies, study of the arts, philosophy*

SH5\_1 Classics, ancient literature and art

SH5\_2 Theory and history of literature, comparative literature

SH5\_3 Philology; text and image studies

SH5\_4 Visual and performing arts, film, design and architecture

SH5\_5 Music and musicology; history of music

SH5\_6 History of art and architecture, arts-based research

SH5\_7 Museums, exhibitions, conservation and restoration

SH5\_8 Cultural studies, cultural identities and memories, cultural heritage

SH5\_9 Metaphysics, philosophical anthropology; aesthetics

SH5\_10 Ethics and its applications; social philosophy

SH5\_11 History of philosophy

SH5\_12 Computational modelling and digitisation in the cultural sphere

*SH6 The Study of the Human Past*

*Archaeology and history*

SH6\_1 Historiography, theory and methods in history, including the analysis of digital data

SH6\_2 Classical archaeology, history of archaeology, social archaeology

SH6\_3 General archaeology, archaeometry, landscape archaeology

SH6\_4 Prehistory, palaeoanthropology, palaeodemography, protohistory, bioarchaeology

SH6\_5 Palaeography and codicology

SH6\_6 Ancient history

SH6\_7 Medieval history

SH6\_8 Early modern history

SH6\_9 Modern and contemporary history

SH6\_10 Colonial and post-colonial history

SH6\_11 Global history, transnational history, comparative history, entangled histories

SH6\_12 Social and economic history

SH6\_13 Gender history, cultural history, history of collective identities and memories, history of religions

SH6\_14 History of ideas, intellectual history, history of economic thought

SH6\_15 History of science, medicine and technologies

*SH7 Human Mobility, Environment, and Space*

*Human geography, demography, health, sustainability science, territorial planning, spatial analysis*

SH7\_1 Human, economic and social geography

SH7\_2 Migration

SH7\_3 Population dynamics: households, family and fertility

SH7\_4 Social aspects of health, ageing and society

SH7\_5 Sustainability sciences, environment and resources

SH7\_6 Environmental and climate change, societal impact and policy

SH7\_7 Cities; urban, regional and rural studies

SH7\_8 Land use and planning

SH7\_9 Energy, transportation and mobility

SH7\_10 GIS, spatial analysis; big data in geographical studies

## ANNEX 4 – Affidavit certifying the legality and accuracy of the information contained in the funding application and the information filled in the submission platform

*This form is to be completed by the project director*

I, the undersigned, ……………………………………………………………… (name and surname of the project director) declare at my own risk that the activities and works within the project proposal with the title: "..................................", are not and have not been financed from other budgetary sources.

I also confirm that the information included in this project proposal, as well as the details presented in the attached documents and the information completed in the submission platform, are legal and correct.

I understand that if the funding application is not complete with all the required details and aspects, including this statement, the project proposal will be rejected.

Affidavit, under the sanction of elimination from the competition or the sanctions applied to the act of forgery in public acts.

**Date: Project director**

 **Full name:**

  *Signature*

## ANNEX 5 – Affidavit of the host institution certifying acceptance of the implementation of the project in the institution

*This form is to be completed by the applicant's legal representative.*

I, the undersigned....................................................(*surname and first name of legal representative*), acting as........................... (*position of legal representative*) of ................................... *(full name of the applicant institution*), declare, at my own risk, in the event that the project with the title "................................................" is funded, the institution accepts the implementation of the project, provides administrative support and makes available to the project team the infrastructure necessary to carry out the project proposal accepted for funding in the best possible conditions and ensures the fact that the project director is being hired in a full-time regime, by the host institution for at least 75% of the period covered by the grant and along with the research team members of the project, in accordance with the legal provisions and in compliance with the provisions of the Applicant’s Guide (including the financing contract), throughout the project implementation period.

At the same time, I declare that, within 12 months from the date of signing the financing contract, I will initiate or continue the procedure for implementing the Charter and the Code of researchers until obtaining the logo “HR Excellence in Research” granted by the European Commission, until the completion of the project.

**Date: Legal representative**

 **Position:**

 **Full name:**

 Signature

**ANNEX 6 – Affidavit of compliance with the definition of research organisation**

*This form is to be completed by the applicant's legal representative.*

I, the undersigned, ........................................... (*full name of the legal representative of the research organisation*), as .................................... (*position of the legal representative of the applicant institution*) of ................................................ (*full name of the research organisation*), declare, on my own responsibility, that the following conditions are cumulatively fulfilled:

1. The organisation I represent is a research organisation\* as follows:

◻ Higher education institution\*\*;

◻ Institution whose main activity is research and development (CAEN Code / NACE code 72..), as indicated in the statutes or the legal act of establishment;

2.

◻ There are no economic agents that can exercise a decisive influence on the research organisation;

◻ There are economic operators who can exert influence on the research organisation, but they do not have preferential access to the results generated by it;

3.

◻ The organisation carries out exclusively non-economic activities\*\*\*;

◻ In addition to the main non-economic activity, the organisation also carries out purely ancillary economic activities, but in the balance sheet or the analytical balance sheet, non-economic activities, their costs, revenues and financing are shown separately from economic activities.

**Affidavit under penalty of forgery in public documents.**

**Date:**

 **Legal representative:**

 **Position:**

 **Full name:**

*Signature*

\*) "Research organisation" means an entity (such as universities or research institutes, technology transfer agencies, innovation intermediaries, physical or virtual collaborative research entities), irrespective of its legal status (public or private law organisation) or funding modality, of whose primary objective is to carry out independently fundamental research, industrial research or experimental development or to disseminate widely the results of such activities through teaching, publication or transfer of knowledge. If the entity also carries out economic activities (as auxiliary activities), the financing, costs and revenues of those economic activities shall be accounted for separately. Enterprises that can exercise a decisive influence over such an entity, for example, as shareholders or associates, may not benefit from preferential access to the results generated by it

\*\*) Including clinical hospitals with university clinical wards as defined in the Romanian Law no. 95/2006 on Health Care Reform, as amended and supplemented. University clinical wards are hospital wards in which medical care, medical education, medical scientific research, and ongoing medical training are carried out. Institutes, medical centers and specialist hospitals that have a university clinical department are clinical hospitals.

\*\*\*) Non-economic activities are:

(a) core activities of research organisations, in particular:

training activities to increase and improve the skills of human resources;

* independent RD activities in order to gain wider knowledge and understanding, including collaborative RD projects in which the research organisation engages in effective collaboration;
* the wide dissemination of research results, in a non-exclusive and non-discriminatory way, for example through teaching, open access databases, open publications or free software;

(b) knowledge transfer activities, where they are carried out either by the organisation of (including its departments or subsidiaries), or jointly with such entities, or on their behalf and where all profits from such activities are reinvested in the core activities of the research organisation. The non-economic nature of the activities is not jeopardised by contracting out the provision of corresponding services to third parties through open tenders.

\*\*\*\*) The economic activity is purely ancillary when it corresponds to an activity which is directly linked to and necessary for the operation of the research organisation or which is intrinsically linked to and limited in scope to its main non-economic use. This will be considered to be the case when the economic activities consume exactly the same inputs (e.g. materials, equipment, labour and fixed capital) as the non-economic activities and the capacity allocated each year to such economic activities does not exceed 20 % of the overall annual capacity of that entity.

Renting equipment or laboratories to enterprises, providing services to enterprises or carrying out contract research are economic activities.

## ANNEX 7 – Affidavit of eligibility of the research organisation

*This form is to be completed by the applicant's legal representative.*

I hereby declare, on my own responsibility, that .................................................. (*Please write the full name of the organisation*) is not declared by law to be in default of payment and does not have its payments/accounts frozen by court order.

Furthermore, the organisation is not guilty of:

* Misrepresentation of information requested by MCID for contractor selection;
* Serious breach of provisions of another grant contract previously concluded with a contracting authority.

**Affidavit under penalty of forgery in public documents.**

**Date:** **Legal representative**

 **Position:**

 **Full name:**

*Signature*

## ANNEX 8 – Affidavit on the compliance of the project proposal with the DNSH Technical Guidelines (2021/C58/01)

*This form is to be completed by the project director, including the partnership members (if applicable).*

I, the undersigned, ........................................................................ (*name and surname of the Project director*) declare, at my own risk, that activities and works of the project proposal with the title: "..................................", are in accordance with the DNSH Technical Guidelines (2021/C58/01).

Furthermore, I hereby confirm that the activities and works indicated in the project proposal do NOT fall under the following list of activities:

* 1. Activities and assets related to fossil fuels, including downstream use;
	2. Activities and assets under the EU Emissions Trading Scheme (ETS) with projected greenhouse gas emissions that are not lower than the relevant reference values;
	3. Activities and assets related to landfills, incinerators and mechanical-biological waste treatment facilities;
	4. Activities and assets where the long-term disposal of waste may harm the environment.

**Date: Project director**

 **Full name:**

  *Signature*

## ANNEX 9 – PhD supervisor's agreement

I, the undersigned, ………………… (name and surname), as doctoral supervisor of Mr/Ms ……..…………….. (name and surname), hereby I declare my agreement regarding his/her participation as a member of the research project team, with the title …………………………”, project director ……………(name and surname), submitted in the competition …………..

I mention that the scientific research program associated with the doctoral thesis with the proposed title …………………… is related to the theme of this project through ……………………………… .

The working time allocated to the doctoral student for the implementation of the project is ………………….... .

**Date: Doctoral supervisor**

 **Full name:**

*Signature*

## ANNEX 10 – Declaration on the eligibility of VAT on expenditure to be incurred in the project proposed for funding

*This form must be completed by the applicant's legal representative, including the members of the partnership (if applicable).*

A. Data identifying the legal entity

Identification code: [CIF]

Name: [Name of the applicant]

Fiscal address: [County, City, Street, Apt., Postal code, Sector, Telephone, Fax, E-mail]

B. Project identification data

Project title: [Title]

Date of project submission: [Date]

C. [Name and legal status of applicant], grant applicant

for the above-mentioned project, in accordance with the provisions of the Tax Code, I declare that I am:

☐ entity not registered for VAT purposes, according to Article 316 of Law No. 227/2015, as amended and supplemented

☐ entity registered for VAT purposes, according to Article 316 of Law no. 227/2015, as amended and supplemented

D. [Name and legal status of the applicant], applicant for funding for the above-mentioned project, ), in accordance with the provisions of the Tax Code, declare that for the purchases of the project included in the table below VAT is non-deductible according to national tax legislation and non-recoverable according to the provisions of Emergency Ordinance No 124 of 13 December 2021.

|  |  |  |
| --- | --- | --- |
| **No.** | **Acquisition** | **Purpose of the acquisition/activity [[1]](#footnote-1)** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

**Date: Legal representative**

**Position:**

 **Full name:**

*Signature*

## ANNEX 11 – Affidavit of conflict of interest, fraud and corruption

*This statement shall be filled in by both the project director and the legal representative[[2]](#footnote-2)*

I, the undersigned .............................................., holding the position of .............................. within ..................................... , knowing that false statements are punishable under Romanian Penal Code, declare, on my own responsibility, based on the information available to me at this date, that my involvement in the project with the title "........................................................................." is not likely to create a situation of conflict of interest, of fraud and corruption in accordance with the provisions of Article 61 - Conflict of interest of the Regulation (EU, Euratom) no. 2018/1046.

**Legal representative / Project director / Team Member**

Full name:

Position:

Date:

Signature:

## ANNEX 12 – Declaration of consent to the processing of personal data

*This statement will be completed by both the legal representative and the project director including the members of the partnership (if applicable).*

I, the undersigned .............................................., holding the position of .............................. within ..................................... , I declare the following:

* I have been informed of the provisions of Regulation (EU) 679/26 April 2016 on the protection of individuals with regard to the processing of personal data and on the free movement of such data.
* I have been informed that I have the right of access, the right to intervene on my data and the right not to be subject to an individual decision.
	+ I have been informed that personal data will be processed and stored within the Ministry of Research, Innovation and Digitalisation in the framework of the call for projects PNRR-III-C9-2023-I8[[3]](#footnote-3).
	+ I have been informed that the processing of my personal data is necessary for the purposes of the legal obligations incumbent on the data entry operator, i.e. the Ministry of Research, Innovation and Digitalisation within the call for projects PNRR-III-C9-2023-I8, as well as for the purposes of my interests and rights.
	+ I have been informed that my personal data are being communicated to public authorities as well as to other authorised institutions (e.g., National Agency of Fiscal Administration (ANAF), National Agency of Civil Servants (ANFP), Territorial Labor Inspectorate (ITM), National Integrity Agency (ANI), at the request of the courts or criminal investigation bodies, etc.).
	+ I have been informed that in order to process my personal data accurately, I have the obligation to inform the operator, i.e., the Ministry of Research, Innovation and Digitalisation, of any changes to my personal data.
	+ I have been informed that I have the right to withdraw my consent at any time by submitting a written, reasoned, dated and signed declaration to the Ministry of Research, Innovation and Digitalisation, unless the processing of my personal data is necessary in connection with my work/service relation

I hereby consent to the processing, transmission and storage of my own personal data within the Ministry of Research, Innovation and Digitalisation in the framework of the call for projects PNRR-III-C9-2023-I8.

**Date: Legal representative/ Project director:**

**Position:**

 **Full name:**

*Signature*

## ANNEX 13 – Affidavit on the avoidance of double funding

*This declaration shall be completed by both the legal representative and the project director.*

The undersigned ......................., with CNP ................................................., as legal representative of .............................................................., with registered office at ................., nr....., sector .........., Bucharest, tax registration code ...................., knowing the provisions of art. 326 of the Penal Code and the provisions of art. 18^1 of Law no. 78/2000 on false declarations, I declare on my own responsibility that the organisation I represent has not received and does not currently receive any non-reimbursable public funding from the national budget and/or the budget of the European Union or the budgets administered by it or on its behalf, for the specific activities that are financed from the PNRR budget and that are to be carried out for the implementation of the reforms and investments that are the subject of this financing contract of which this annex is an integral part. I also declare that I am not aware of any situation of 'double funding' as defined in Article 9 of Regulation (EU) 2021/241 of the European Parliament and of the Council of 12 February 2021 and Article 191 of Regulation (EU, Euratom) No 2018/1046 on the financial rules applicable to the general budget of the Union.

I am aware that the false declaration entails the termination of the funding contract and the obligation for the organisation I represent to reimburse the money that is the subject of the double funding and to pay compensation for the period between the receipt of the grant and the date of discovery of the false declaration.

**Date: Legal Representative/Project director**

**Position:**

 **Full name:**

*Signature*

## ANNEX 14 – Affidavit of the applicant's eligibility

*This declaration shall be completed by both the legal representative and the project director.*

I, the undersigned (name and surname of the legal representative of the applicant institution)\_\_\_\_\_\_\_\_\_\_\_\_\_\_, holder of the ID card series \_\_\_\_\_\_\_, no. \_\_\_\_\_\_\_\_\_, issued by \_\_\_\_\_\_\_, CNP \_\_\_\_\_\_\_\_\_\_\_\_\_/ passport no. \_\_\_\_\_\_\_\_\_\_\_, issued by \_\_\_\_\_\_\_\_\_\_\_\_, in my capacity as (position of the legal representative of the applicant institution), knowing that false statements are punishable by criminal law, declare on my own responsibility that:

1. The applicant does not have at the date of submission of the funding application and at the date of signature of the grant contract net budgetary obligations (difference between outstanding payment obligations to the budget and amounts to be recovered from the budget):

* greater than 1/12 of the obligations due in the last 12 months - in the case of the tax certificate issued by the National Tax Administration Agency;
* greater than 1/6 of the total amount due in the last six-month period - in the case of tax certificates issued by local public authorities;

2. The applicant has not received financial support from public funds, including EU funds, in the last 5 years, or is not currently running projects funded in part or in full from other public sources for the same activities. It has also not obtained funding for other projects implemented with the same objective, but which for various reasons did not achieve their indicators. In this case, the funding will not be granted or, if this is discovered during implementation, the funding will be withdrawn and the amounts already granted will be recovered.;

3. The applicant is directly responsible for the preparation, management and implementation of the project, does not act as an intermediary for the project proposed to be funded and is responsible for ensuring the sustainability of the project results.;

4. The applicant is not the subject of a recovery order following a previous decision of the European Commission declaring an aid illegal and incompatible with the common market or, if the institution has been the subject of such a decision, the decision must have already been enforced and the aid fully recovered, including the related recovery interest;

5. The applicant's legal representative has not been convicted of professional misconduct against the law by a decision of a court of res judicata (e.g. not subject to appeal) within the last 36 months;

6. The applicant fulfils the conditions or requirements specific to the action for which the call is launched;

7. The applicant must prove the existence of the right invoked on the property on which it is proposed to carry out the investment as part of the funding application, in accordance with the legislation in force:

a) public ownership

b) the right to manage publicly owned property

8. The applicant, if receiving NRRP funding for infrastructure investments, must, for a period of 5 years after the completion of the project: maintain the completed investment (ensuring the necessary maintenance and associated services); not make a change in the ownership/management of the infrastructure, except under the conditions set out in the grant contract; not make a substantial change affecting the nature, objectives or conditions of implementation that would undermine the original objectives of the investment. Failure to comply with these elements shall constitute grounds for termination of the financing contracts;

9. The applicant's legal representative has not been found guilty, by a final court judgement, of committing fraud/corruption/offences relating to the obtaining and use of European funds and/or related national public funds in accordance with the provisions of the Criminal Code as amended, involvement in criminal organisations or other illegal activities to the detriment of the financial interests of the European Union;

10. The applicant's legal representative has not been found guilty of a serious breach of a previous contract due to failure to comply with contractual obligations following a procurement procedure or following a procedure for the award of a grant from the budget of the European Union;

11. The applicant's legal representative has not been guilty of grave professional misconduct proven by any means which the contracting authority can justify;

12. The applicant's legal representative is not subject to a conflict of interest, defined in accordance with the national/EU provisions in force;

13. The applicant's legal representative does not provide misleading information that could seriously mislead the MCID during participation in the call for proposals.

**Date: Legal Representative/Project director**

**Position:**

 **Full name:**

*Signature*

## ANNEX 15 – Declaration of commitment

*This declaration shall be completed by the legal representative of the applicant.*

I, the undersigned (name and surname of the legal representative of the applicant institution)\_\_\_\_\_\_\_\_\_\_\_\_\_\_, holder of the ID card series \_\_\_\_\_\_\_, no. \_\_\_\_\_\_\_\_\_, issued by \_\_\_\_\_\_\_, CNP \_\_\_\_\_\_\_\_\_\_\_\_\_/passport no. \_\_\_\_\_\_\_\_\_\_\_, issued by \_\_\_\_\_\_\_\_\_\_\_\_, in my capacity as [position of the legal representative of the applicant institution], knowing that false statements are punishable by criminal law, undertake that I and the institution I represent:

1. to ensure optimal conditions for the project activities;

2. to ensure the use of equipment and applications for the purpose stated in the project;

3. to maintain ownership of refurbished facilities (where applicable), purchased assets and the nature of the activity for which funding was provided until at least the end of the sustainability period;

4. to ensure the necessary operational and administrative capacity to implement the project (sufficient human resources and necessary material resources);

5. to ensure mandatory warranty and maintenance of purchased equipment, through contract(s) concluded during implementation with various suppliers or through own sources;

6. not to make any substantial changes to the approved project, and in the event of any such changes, to inform MCID within a maximum of 10 working days from the date of occurrence. Substantial changes to a project are those which cumulatively:

- substantially affects the nature and conditions of implementation or gives an undue advantage to a third party, and

- results from a change in the nature of ownership of an item of infrastructure, a cessation or change in location of the investment or the cessation of a production activity (where applicable); Substantial changes lead to the automatic termination of financing contracts.

7. to comply, during the preparation and implementation of the project, with the provisions of Community and national legislation in the field of sustainable development, technological neutrality, equal opportunities and non-discrimination and gender equality, environmental protection, public procurement, information and publicity);

8. not to provide false information.

**Date: Legal representative**

**Position:**

 **Full name:**

*Signature*

## ANNEX 16 - Affidavit on certifying the incentive effect

*This declaration shall be completed by the legal representative of the applicant.*

The undersigned ..................................................................(name and surname of the legal representative of the applicant institution), acting as..................................................(position of the legal representative of the applicant institution) of............................................ (name of the applicant institution),

declare on my own responsibility that the commencement of the works or activities proposed for funding under the project entitled: "................................................................. ", submitted to the competition ............... (competition code), has not taken place before the submission of the application and accompanying documents to MCID.

Affidavit under penalty of perjury.

**Date: Legal representative**

**Position:**

 **Full name:**

*Signature:*

## ANNEX 17 - Grid for verification of administrative compliance and scientific eligibility

Pillar III. Smart, sustainable and inclusive growth, including economic cohesion, jobs, productivity, competitiveness, research, development and innovation, and a well-functioning internal market with strong small and medium-sized enterprises (SMEs).

Component C9. SUPPORT FOR THE PRIVATE SECTOR, RESEARCH, DEVELOPMENT AND INNOVATION

Investment 8. "Develop a programme for attracting highly specialised human resources from abroad in research, development and innovation activities”

**Identifier: PNRR-III-C9-2022 – I8**

**PROJECT ID.................................**

|  |  |  |  |
| --- | --- | --- | --- |
| **CRITERIA** | **Verified elements** | **YES** | **NO** |
| **A. VERIFICAREA CONFORMITATII ADMINISTRATIVE** |
| **Funding application** |  |  |  |
| A1 | The funding application has all mandatory fields completed and follows the standard template and is legible | The format of the funding application submitted by the host institution and electronically signed (maximum number of pages per section, font type and size requirements, spacing) is checked. |  |  |
| A2 | The applicant has uploaded to the <https://proiecte.pnrr.gov.ro> platform all the required accompanying documents according to the requirements and templates specified in the Applicant's Guide (the content of the documents corresponds to the requirements, they are digitally signed and are within the validity period). | Check the existence of the mandatory annexes A4-A16, the accompanying CF documents and their conformity (check for form and content according to the Applicant's Guide, if digitally signed). |  |  |
| A2.1 | ANNEX 4 - Affidavit certifying the legality and accuracy of the information contained in the funding application and the information filled in the submission platform | Check that the declaration (in Romanian or English) has all the fields filled in and that it is signed by the project director. |  |  |
| A2.2 | ANNEX 5 - Affidavit of the host institution certifying acceptance of the implementation of the project in the institution | Check that the declaration (in Romanian) has all fields completed and that it is signed by the legal representative. |  |  |
| A2.3 | ANNEX 6 - Affidavit of compliance with the definition of research organisation | Check that the declaration has all fields completed and that it is signed by the legal representative |  |  |
| A2.4 | ANNEX 7 - Affidavit of eligibility of the research organisation | Check that the declaration has all fields completed and that it is signed by the legal representative |  |  |
| A2.5 | ANNEX 8 - Affidavit on the compliance of the project proposal with the DNSH Technical Guidelines (2021/C58/01) | Check that the declaration has all fields completed and that it is signed by the project director/partnership members (if applicable) |  |  |
| A2.6 | ANNEX 9 - PhD supervisor's agreement | Check that the declaration (in Romanian) has all the fields completed and that it is signed by the PhD supervisor.\*Appendix 9 may be missing, if the PhD supervisor is a member of the project team - see Item 4 - 4.1 - Note 10 of the Guidelines for Applicants |  |  |
| A2.7 | ANNEX 10 - Declaration on the eligibility of VAT on expenditure to be incurred in the project proposed for funding | Check that the declaration has all fields completed and that it is signed by the legal representative/partnership members (if applicable) |  |  |
| A2.8 | ANNEX 11 - Affidavit of conflict of interest, fraud and corruption | Check that the declaration has all fields completed and that it is signed by both the legal representative and the project director |  |  |
| A2.9 | ANNEX 12 - Declaration of consent to the processing of personal data | Check that the declaration has all fields completed and that it is signed by both the legal representative and the project director |  |  |
| A2.10 | ANNEX 13 - Affidavit on the avoidance of double funding | Check that the declaration has all fields completed and that it is signed by both the legal representative and the project director |  |  |
| A2.11 | ANNEX 14 - Affidavit of the applicant's eligibility | Check that the declaration has all the fields completed and that it is signed by both the legal representative |  |  |
| A2.12 | ANNEX 15 - Declaration of commitment | Check that the declaration has all the fields completed and that it is signed by both the legal representative |  |  |
| A2.13 | ANNEX 16 - Affidavit on certifying the incentive effect | Check that the declaration has all the fields completed and that it is signed by both the legal representative |  |  |
| **Project Director** |  |  |  |
| A3 | The project leader holds a doctoral degree obtained at least 3 years before the deadline for submission of projects*\* If the title of doctor has been awarded by ministerial order, the date of the ministerial order shall be taken into account, otherwise the date indicated on the diploma shall be taken into account.;* | Check section A. General information and B2. Curriculum Vitae in the Funding Application |  |  |
| A4 | The project director has led at least one research and development project in the 7 years prior to the application deadline. | Check section B1. Important scientific achievements of the project leader in the Funding Application |  |  |
| A5 | The project director is a researcher whose home institution is located outside Romania and who has carried out research activities outside Romania for at least the last 3 years calculated at the closing date of the call. | B2 is checked. Curriculum Vitae from the Funding Application |  |  |
| A6 | The project director has published, in the 7 years preceding the deadline for submission of projects, as lead author:• For the fields (1) PHYSICAL SCIENCES AND ENGINEERING; (2) LIFE SCIENCES:✓ a minimum of 8 papers (categorized as paper/document type article, review or proceedings paper), published in Science Citation Index Expanded journals, in the top 50% (quartile Q1 or quartile Q2) of a subfield/Web of Science Category established by Clarivate Analytics;✓ Of the 8 papers, at least 4 papers are in the top 25% (Q1 by Journal Impact Factor (JIF) or Article Influence Score (AIS)) within a subdomain/Web of Science Category established by Clarivate Analytics.Note: the most favourable quartiles (Q) corresponding to the Journal Impact Factor (JIF) or Article Influence Score (AIS) scientometric indicator values in the latest Journal Citation Reports (JCR) available at the time of submission of the project proposal are taken into account..• For field (3) SOCIAL SCIENCES AND HUMANITIES:✓ a minimum of 8 papers (classified as paper/document type article, review or proceedings paper), published in Social Sciences Citation Index or Arts & Humanities Citation Index journals in the top 50% (Q1 or Q2) of a subfield/Web of Science Category established by Clarivate Analytics or in Scopus journals in the top 50% (50th to 100th percentile by CiteScore) of a subfield/Subject area-Category established by Elsevier;✓ of the 8 papers, at least 4 papers are in the top 25% (Q1 by JIF or AIS) within a subfield/Web of Science Category established by Clarivate Analytics or in the top 25% (75th to 100th percentile by CiteScore) within a subfield/Subject area-Category established by Elsevier.Note: the most favourable quartiles (Q) corresponding to the values of the scientometric indicators Journal Impact Factor (JIF) or Article Influence Score (AIS) of the latest Journal Citation Reports (JCR) available at the time of submission of the project proposal, as well as the most favourable percentiles corresponding to the scientometric indicator CiteScore of the latest available in the SCOPUS platform at the time of submission of the project proposal are taken into account.. | To be verified in the Application for Financing and confirmed to <https://uefiscdi.gov.ro/scientometrie-reviste> |  |  |
| A7 | In this competition, a person may submit only one such project proposal as a director. If more than one project proposal is submitted by the same project leader, all project proposals will be declared ineligible. | It is checked in the platform <https://proiecte.pnrr.gov.ro>  |  |  |

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| --- | --- | --- | --- | --- |
|  | **CRITERIA** | **Verified elements** | **YES** | **NO** |
| **B. APPLICANT'S ELIGIBILITY** |
| B1 | The host institution is not declared by law to be in default of payment, has not had its accounts frozen by a court order, has not provided inaccurate statements regarding the information requested by the Ministry of Research, Innovation and Digitalisation (MCID) for the selection of contractors, has not breached the provisions of another funding contract previously concluded with a contracting authority | Check Annex 7 - Affidavit of eligibility of the research organisation |  |  |
| B2 | The host institution must have adhered to or undertake to adhere to the following programme documents: the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers, within a maximum of 12 months from the date of signature of the grant contract, and to continue the process of implementing the Charter and the Code of Conduct for Researchers until the HR Excellence in Research logo awarded by the European Commission has been obtained by the date of completion of the project coordinated by the researcher of excellence from abroad that it hosts | To be verified at the date of signature of the grant contract | N/A |  |
| **C. PROJECT ELIGIBILITY** |  |  |  |
| C1 | The project proposal must contain eligible activities as specified in the Applicant’s Guideline. | Check section C2. Objectives, methodology and work plan in the Funding Application and C5. Impact and disseminationEligible activities are:\* fundamental research activities, in the scientific fields in the guide;\* support activities;\* dissemination activities. |  |  |
| C2 | Research projects relating to the following list of activities will be excluded from funding:* *1. fossil fuel activities, including downstream use;*
* *2. activities covered by the EU Emissions Trading Scheme (ETS) achieving CO2 emissions that are not expected to be below the relevant reference values;*
* *3. compensation of indirect ETS costs;*
* *4. activities related to landfills, incinerators and mechanical-biological waste treatment plants;*
* *5. activities where long-term disposal of waste may harm the environment.*
 | ANNEX 8 - Affidavit on the compliance of the project proposal with the DNSH Technical Guidelines (2021/C58/01) |  |  |
| C3 | The project’s field | Check section A. General information of the Funding Application - selection according to Annex 3 Scientific fields |  |  |
| C4 | Project duration is within the maximum duration allowed (point 1.2 Call for projects type, the duration, method and period for submitting project proposals) | Check section A. General information in the Funding Application |  |  |
| C5 | The maximum value of the project is within the limits specified in point 1.5.2 Minimum and maximum funds granted per project | Check section C6. Budget requested from the Funding Application |  |  |
| C6 | The type and level of eligible expenditure complies with the guidelines for applicants (point 3. Eligibility of expenditure) | Check section C6. Budget requested from the Funding Application |  |  |

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| **Final comments** (if applicable): |
| CONCLUSION: |  |

Date: ...

Issued

Call secretary: ...

Assent

Call president: ...

1. Attention! To be completed with the same corresponding information from the Funding Application [↑](#footnote-ref-1)
2. If the funding application is successful, an Affidavit of Conflict of Interest, Fraud and Corruption (Annex 11), modelled on the one above, must be completed by all members of the research team no later than the signing of the grant contract. [↑](#footnote-ref-2)
3. PNRR-III-C9-2022-I8: Call for proposals entitled Development of a program to attract highly specialized human resources from abroad in research, development and innovation activities, component C9. SUPPORT FOR THE PRIVATE SECTOR, RESEARCH, DEVELOPMENT AND INNOVATION, INVESTMENT I8. Development of a program to attract highly specialized human resources from abroad in research, development and innovation activities, within the National Recovery and Resilience Plan (NRRP). [↑](#footnote-ref-3)