THE NATIONAL PLAN FOR RESEARCH, DEVELOPMENT AND INNOVATION 2007-2013, PNII

PARTNERSHIPS Program
Subprogram "Joint Applied Research Projects"

Information pack[1]

AUTORITATEA NAȚIONALĂ PENTRU CERCETARE ȘTIINȚIFICĂ

MINISTERUL EDUCAȚIEI CERCETĂRII TINERETULUI ŞI SPORTULUI

[1] **Unauthorised translation. Only the Romanian version of the pack has legal validity.**

CUPRINS

Joint Applied Research Projects
Call number: PN-II-PT-PCCA-2011-3

1. Goal

Support and promote applied inter-and transdisciplinary research in priority areas, relevant to the improvement of competitiveness of the national research - development and innovation (RDI) system and in accordance with global knowledge-based economy. The program finances joint experimental research and technological development projects, having as results such as products, technologies and innovative services aimed at resolving and implementing solutions to complex socio-economic problems of national priority.

Objectives

1. Connecting applied research and technological progress from Romania to the national and global socio-economic requirements, by achieving, within nine strategic priority areas, original products, advanced technologies and services, internationally competitive and major socio-economic impact;
2. Connecting applied research to the priorities of European Research Area (ERA) for technological progress in Romania, increasing its visibility and prestige on the international arena;
3. Stimulating collaboration between research organizations, economic agents, NGO's and / or professional associations, etc., to shorten the way from the scientific knowledge to technology with socio-economic impact, corresponding to the needs and evolution of the market;
4. Implementing the principle "financing follows the scientific and technological performance" in generating technological innovation research, with impact on the competitiveness of Romanian economy and welfare;
5. Increasing private sector investment in R&D activities, in their own activities and in collaboration with universities and research institutes, in order to facilitate completion and transfer of results to the market.

3. Specific domains and priority areas

The Partnerships Program and the „Joint applied research projects" subprogram are strategically developed in 9 priority research domains, which include distinct applied research domains and specific research areas:

1. Information and Communication Technology
2. Energy
3. Environment
4. Health
5. Agriculture, alimentary safety and security
6. Biotechnologies
7. Innovative materials, processes and products
8. Space and security
9. Human and socio-economic research

4. Expected results

The Partnerships Program estimates original results relating to the design and development of original products - prototypes of innovative technologies and services resulting from experimental research with direct applicability and potential in the end market. This type of program can be the interface and convergence of fundamental scientific research projects financed by IDEAS and HUMAN RESOURCES programs with INNOVATION projects that finance taking over - prototype or expected market accesible technologies, made by economic agents with competences in the nine areas of research.

The Partnerships Program includes domains, research directions, complementary and synergistic thematic areas. The program pays particular attention to the participation of economic agents (SMEs or large enterprises, which, according to state aid scheme detailed in Appendix no. 9, may participate by cofinancing the project) as partners of public and private research organizations, universities or associations and professional organizations.

The following results are expected:

- Increase of visibility, at national and international level, of applied research and of the technologies created by universities, research institutes, non-profit organizations and enterprises in Romania;

- Development of infrastructure, of institutional capacity and the skills of the human resources dedicated to applied research and the development of innovative technology in Romania;
- Attracting and involving more foreign scientists in projects concerning technological development and services in Romania;
- Stimulating the capacity of research institutes, universities, non-profit organizations and enterprises in Romania, as well as Romanian scientists working abroad to successfully apply for international and European financial tools (FP7, Horizon 2020, ERANET, COST, JRC, EUREKA-EUROSTAR etc.);
- Benefits for the enterprises, non-profit organizations, professional associations and businesses that have access to technological development programs and innovative services, as partners and/or end-users.

5. Types of projects

In the „Joint applied research projects" suprogram there are 2 types of projects:

Type1: Participation of an enterprise, when forming the partnership, is not compulsory. The partnership will be formed by at least 2 research organizations. For this type of projects, public budget can be up to 100% of project budget. For these projects, it will allocated 25% of competition's public budget.

Type 2: The partnership will be formed with at least one enterprise. The sum of the cofinancing of enterprises should be of at least 7,5% of project's budget (project's budget = public budget plus cofinancing) if the enterprise/enterprises are small or medium, and of at least 15% if one of the partners is a large enterprise, respecting the state aid scheme. For these projects, it will be allocated 75% of competition's public budget.

Allocated budget to the financed projects of the present competition of PCCA subprogam, for the entire period of projects duration, is of maximum 550.000.000 lei.

Following provisions from the Information Pack will be applied to both types, unless explained otherwise.

6. Eligibility criteria

Coordinator (CO) – is that institution that submits a proposal in this competition. If the proposal is financed, CO will be a part of a financing contract by which he undertakes to ensure the achievement of the project proposal for which he has requested funding.

Partners (P1-P4) – associated partners that submit a joint proposal with CO and with which they will form a partnership agreement when the project proposal is approved for funding.

a) The project manager is PhD. This condition does not apply if the Coordinator is an enterprise in the sense of the state aid legislation;
b) The project manager meets the minimal eligibility standards presented in Appendix 2. This condition should not be met by the project manager if the sum of cofinance coming from all entreprise partners in the project is at least 25% of the project's budget. The information needed to verify performance standards will be submitted on the web platform. Replacing the project manager can only be done in compliance with contract terms with the agreement of the contracting authority and the minimum eligibility criteria;
c) A research project is conducted by a consortium of at least two institutions, Romanian legal entities, but not more than 5;
d) At least one of the institutions forming a research partnership is a public or private research organisation, in the meaning of the legislation of the state aid scheme;
e) For Type 2 projects: at least one of the institutions that make up the partnership is an enterprise in the meaning of the legislation of the state aid scheme;
f) The host institutions are not in the state of payment default; they do not have their accounts blocked following a court order; they have not made false declarations concerning the information required by the UEFISCDI in view of selecting the contractors; they have not broken the terms of a different contract signed previously with a contracting authority;
g) The project manager either:
    a. is employed at Coordinator full-time, fixed term or definite period covering at least the period of the contract, or
    b. has full-time employment agreement at least during the contract. If the project is financed, the contract of employment must be completed by the project manager and the Project Coordinating institution no later than the date of signing the financing contract;
h) A person who submits a research project in the PCCA competition in 2011 as a project manager can not be part of another project submitted in the same competition as project manager (the CO) but may belong to one other project submitted in the same competition as coordinator of a partner (P1-P4); all projects that do not comply

with this criterion will be declared ineligible. A person can be part of several projects submitted during the competition PCCA in 2011 as coordinator of a partner (P1-P4).

i) It is forbidden to submit projects which have already obtained funding from the public budget.

7. Duration

The duration of the project is of minimum 30 months and maximum 36 months.

8. Budget

The maximum funding from the public budget for one project is:

- 2.000.000 lei for type 1 projects;
- 3.000.000 lei for type 2 projects.

Eligible expenses

In the framework of the Partnership – Joint Applied Research Projects (PCCA) the following activities can be financed from the public budget, as defined in the document issued by the European Commission C (2007) 6545, behind ANCS President's decision 9451/2007:

• fundamental research (but no more than 10% of the funding from the public budget);
• industrial research;
• experimental development;
• technical feasibility studies;
• activities for obtaining and protecting intellectual property rights for SMEs.

Categories of eligible expenses

In the fundamental research activities, industrial research and experimental development, these types of expenses are eligible, according to HG 134/2011:

A. Expenses with salaries

• Personnel costs (researchers, technicians and support staff employees during the project research as required by law); these expenses include all corresponding state and social contributions; these costs are subject to regulations in force of the maximum revenue by a person to participate in one or more projects within the National Plan II.

B. Inventory expenses

• costs of materials, supplies and similar items necessary for research;

• capital expenditures may not exceed 30% of its funding from the public budget:

- expenses for purchases of tools and equipment needed for research project. For entities that involve state aid, if these tools and equipment have a life greater than the duration of the research project, only depreciation expenses during the project are eligible, calculated on the basis of accounting practices regulated;

- costs of services performed by third parties can not exceed 25% of funding from the public budget:
  - expenses for acquisition of technical knowledge and patents or rights to use them from outside sources at market prices and costs for procurement of consulting services and equivalent services used exclusively for research;
  - for technical feasibility studies are eligible costs for preparatory studies for industrial research activities and experimental development;
  - other operating expenses;
  - for entities that involve state aid, eligible costs are all costs prior to obtaining intellectual property rights, as required by law, including costs related to preparing, submitting and tracking applications and renewal costs resulting from the application before granting such rights;

C. Travel expenses for travel within the country or abroad of the teams members, for documentation periods or research internships, participation in the prestigious events in project's area; travel expenses of collaborators within the country or abroad for participating in scientific events organized within the project; travel expenses can not exceed 15% of funding from public budget.

D. Overheads involved in the research project. Overheads (indirect) is calculated as a percentage of direct costs: staff costs, logistics costs (excluding capital costs) and travel expenses.

For institutions that are not enterprises usually indirect costs will not exceed 25% of direct costs. In exceptional cases, the Coordinator may request a larger overhead, but not more than 50%, in agreement with the project manager. Justification for this request is made at contracting.

For enterprises overheads are not eligible.

Financing contract will specify the allocation amounts funded for each partner, the types of eligible activities and the categories of eligible expenses. During the project the fund cand be redirected between the following budget categories: personnel expenses, logistics and travel expenses, up to 15% of the total project budget, with any prerequisite approval, respecting the

provisions of the contract with the Contracting Authority. Expenses are eligible if they are made after signing the contract and the contract signing date is the date of its registration to the Contracting Authority. During the project, partner institutions which are not enterprises can not make any purchases from partner institutions that are enterprises.

Budget cuts

In case of large cuts in the budget of the National Plan for years subsequent to the year in which the contracts were signed, if the reduction of the budgets of the contracted projects becomes necessary , this reduction will be implemented as follows:

• Percentage of budget needed to reduce the budget of all contracted projects (left to run) we call the percentage of correction;

• Step 1: Project teams will be proposed (whose projects continue after any mid-project evaluation) a reduction in the budget of the project remained to be executed, the percentage of correction (uniform reduction);

• Step 2: Each project team will decide whether it can continue the project with the new revised budget, and propose what could be done with this budget (amendments to the original plan). Some teams may decide to keep all the original timetable of the project, funding from equity stripping loss budget. Other teams will abandon the project, making it impossible to achieve budgetary rectification purpose of the project;

• Step 3: A committee of at least three evaluation experts will give a score to each project that has not been abandoned by those teams, score sheet evaluation is given as below; projects with a score below 70 points will be stopped.

• Following these steps, the percentage of correction can be updated as the initial amount of grinding can be reduced by stopping the projects;

• Step 4: The remaining projects will be reduced proportional to the updated percentage of correction.

- Commission of evaluation experts referred to in point 3 will complete for each project an exceptional evaluation sheet as follows:
- 1. How do you evaluate the results achieved from launching the project, taking into account the period? (0 - very poor, 5 very good) (35%)
- 2. To what extent can the project reach its initial objectives by reducing the budget?(0 - very small, 5 - very high) (45%)
- 3. What proportion of obtained or expected project results are published or are to be published? (0 -none, 5 - all) (20%).

9. The structure of project proposals

The minimum number of institutional partners in the consortium is 2 and the maximum number is 5.

The project team consists of :

• a project manager having an internationally relevant scientific activity;

• coordinators of partner institutions having an internationally relevant scientific activity;

• research team members, including: senior researchers, postdoctoral researchers, Ph.D. students, master students, other students, technical staff and other team members of organizations declared as having that knowledge relevant to those research activities.

Note: The structure of the team and the choice of members is up to the project leader and the team leaders. At the time of the proposal submission the application must specify only the structure of the team. Naming the members is possible but is not required. The team members can be hired or recruited subsequent to the selection of the project for funding. Open positions will be announced publicly, including on the site ancs.ro/jobs and www.euraxess.ro.

10. The presentation of the project proposals

Project submission is done in one step, using the online project submission platform - www.uefiscdi-direct.ro. The proposal may be written only in English, with the exception of projects with romanian particularity (see Appendix 5).

The project proposal must follow the structure described in ***Appendix 3***.

Successful applicants will submit to the Contracting Authority all annexes submitted online. Inconsistency between documents of data submitted online and the contract entails the signing of the contract.

11. Project evaluation

In the process of evaluation of the proposals are taken into account:

a) The importance and relevance of scientific / technical project;

b) The implementation of the project:

• Competence and previous results of the project manager and other key persons declared;

• existing infrastructure;

• Plan implementation;

• Adequacy of budget and balance of it;

c) socio-economic potential of the project.

11.1. **Checking eligibility:** The project proposals are received and verified by the UEFISCDI staff, for the host institution as well as for the project manager. The list of eligible project proposals will be published on the UEFISCDI website - www.uefiscdi.gov.ro.

Candidates who wish to appeal the eligibility results can send their appeals by email to contestatiiPCCA@uefiscdi.ro, by fax to 021/311.59.92, or directly to the UEFISCDI headquarters, within 3 workdays from the date of publication of the results.

11.2. **The expert evaluation**

The eligible projects are evaluated by experts of international recognition. For each project, at least 50% of the expert evaluators are selected from outside the country, from other member states of the European Union, or from member states of the Organisation for Economic Cooperation and Development. The evaluators must satisfy the minimal eligibility standards presented in ***Appendix 2***.

Evaluations ensure anonymity, confidentiality and impartiality of expert evaluators. The list of evaluators used in evaluating projects in this competition, and the number of projects assessed by each evaluator, will be published on the website UEFISCDI, after completion of the competition.

11.2.1. **The individual evaluation step**

The quality of each proposal declared eligible is evaluated independently online, by at least 3 expert evaluators who form the evaluation committee. These assign individual grades for each criterion, according to the evaluation sheet. The grades assigned to each criterion are justified with comments, which point out the strong and weak points. After all individual evaluations are available for a given project, each evaluator in the committee will have access to the grades and comments of the other evaluators.

The evaluation sheet is presented in ***Appendix 4***.

11.2.2. **Consensus**

Consensus is reached if the difference between the grade level given by each evaluator and the mean of the levels does not exceed 10 points. If consensus has not been reached after the individual step, the evaluators may communicate via the online evaluation platform, maintaining anonymity, and they can adjust their grades and comments in order to reach consensus. The project proposals for which consensus is not reached are evaluated by a final committee, composed of the evaluators in the original committee, to which are added two evaluators.

The final grade level is obtained as the mean of the grade levels given by the members of the final committee.

If consensus has not been reached after the individual step, for the final grade, if there is an unique grade in average distance of grades, it is eliminated from the remaining grades and the result is calculated using an arithmetic mean of the grades ramained after such a possible step.

11.3. The evaluation results

The list of the project proposals and the levels obtained by each of them, in decreasing order, for each domain presented in Appendix 1, will be published on the UEFISCDI website - www.uefiscdi.gov.ro.

11.4. Communication

The candidates are informed of the evaluation results and they receive the grade levels and comments given by each evaluator, via email, at the address specified on the application form, from the moment when consensus was reached.

11.5. Appeals

The candidates may submit appeals during 3 workdays following the date of publication of the evaluation results. Appeals can attack only faults of procedure that the candidate considers as not conforming with the information pack. Appeals cannot attack the grades and the comments given by the evaluators. They may be sent by email to contestatiiPCCA@uefiscdi.ro, by fax to 021/311.59.92, or directly to UEFISCDI headquarters. The accepted appeals, which requires reassessment of the project, they will be conducted by a team of evaluators other than the original.

11.6. The competition results

Project proposals are selected in decreasing order of the grade levels obtained, taking into account the available funds, for each priority area. Acceptance threshold on the budget takes into account each of the nine priority areas listed in Annex 1, according to HG 475/2007.

11.7. Budget negotiation and signing the contracts.

Evaluators will be given a chance to give appreciations of the proposal budgets, and whether and to what extent the budget is well correlated with the planned activities and objectives. In cases where the evaluators will point out mismatches in this area, the project directors will negotiate with CNDI/UEFISCDI the funding amounts and the structure of the contract budget, respecting the state aid scheme, where appropiate. The contract is signed after the negotiation is concluded.

All online annexes will be submitted at contracting. Inconsistency between documents submitted online and the signing contract, can lead to not signing the contract.

12. Main obligations of the parties

Project manager

1. Is responsible for the execution of the project;

2. Compiles and sends to UEFISCDI reports of scientific progress during the course of the project, and a final report, at the time and in the format specified by CNDI/UEFISCDI in the financed contract. The deadlines of the intermediate reports are proposed by the project manager, in accordance with the workplan presented in the project proposal;

3. Communicates about the ongoing activities and publishes open positions in the project (including on the websites www.ancs.ro/jobs şi www.euraxess.ro);

4. For the duration of the contract, the project manager is registered on the portal www.cercetatori-romani.ro and has the obligation of maintaining an up to date CV and to participate in the evaluation process of other competitions, at the request of the contracting authority;

5. Publishes up to date information on the project activities (at least a summary and the list of publications supported by the project) on a webpage, in English; for projects with a national Romanian characteristic, the site can be written in Romanian as well, with a short summary in English.

6. Provides necessary information for the platform which contains the presentation of projects financed by UEFISCDI.

Coordinating institution

1. Compile and send to the UEFISCDI the financial reports of the project, at the end of each financial report phase. The form of the financial reports is specified in the contract;
2. The host institutions, via the signature of their legal representatives, certify the legality and correctness of the information which is presented in the application forms, accept to host the project on their premises, provide access to the resources mentioned in the project proposal, commit to provide all needed administrative support for an efficient implementation of the project and to employ the members of the project team for the duration of the project, in respect with all legal provisions in force, if the project is selected for funding.

Partner institution

Provide acces of the team leaders to the existing research infrastructure and provide the administration services which are required for an efficient implementation of the project.

UEFISCDI:

Makes available the funds, and carries out the monitoring of the project, in respect with all legal provisions, of the contract provisions and in the limit of the available budget.

13. Deadlines

ACTIVITATE	TERMEN
Call launched	**06.09.2011**
Proposal submission	**Deadline: 07.11.2011 at 24.00**
Eligibility results published	**14.11.2011**
Appeals to eligibility results	**17.11.2011**
Evaluation of eligible proposals	**24.11.2011 - 29.02.2012**
Appeals to the evaluation results	**01.03.2012 – 05.03.2012**
Final results published	**19.03.2012**
Negociating and contracting	**20.03 – 02.04.2012**

Useful information:

- Funding proposals are to be submitted via the online submission platform. No paper submission is necessary.
- The proposal must be accompanied by a declaration (signed and stamped by the legal representative) by which the host institution certifies the existence of an employment contract or an agreement for full-time employment with the project manager, at least for the period of the project, under the law. If the project is selected for funding, the employment contract must be signed by the project manager and the legal representative of the host institution no later than the date of signing the funded project. This declaration is signed and scanned in pdf format, and is loaded into the online platform in the section provided for this purpose.
- The information declared by the project manager and team leaders, for the fulfillment of minimum eligibility standards, must be accompanied by supporting documents, as well as statements on their own responsibility, through which assume the accuracy of the data declared.
- All annexes that are statements should be completed, signed, stamped and scanned in PDF format and loaded into the platform in the section provided for this purpose.
- If the schedule presented is respected, the financed projects will start 04/02/2012.

ANNEX 1– Priority areas

The program is structured into nine priority areas of research:

1. Information Technology and Communications;
2. Energy;
3. Environment;
4. Health;
5. Agriculture, food safety and security;
6. Biotechnology;
7. Materials, processes and products;
8. Space and security;
9. Socio-economic and humanistic research .

ANNEX 2 – Minimum standards of eligibility for the project manager

The project manager should sum at least 2 points (the accumulation of points from one or more criteria, multiplying the score on every line / unit no. of units to get score /criteria, total score by summing scores achieving / criteria) in the table below, the results obtained during 2001-2011:

Nr. Crt.	Criterion	Score / unit	No of units	Score /criterion
1.	The project mamager is main author of the published works (articles, reviews, proceedings paper) in ISI publications, with a relative influence score of the publication of at least 0.3. In projects of Social Science and Humanities area, books or chapters or studyare also accepted, scoring requirements are described in Note 2)	relative influence score divided by the number of main author		
2.	The project manager is co- author other than main author on papers published (articles, reviews, proceedings paper) in ISI publications, with a relative influence score of the publication of at least 0.3. In projects of Social Science and Humanities area, books or chapters or studyare also accepted, scoring requirements are described in Note 2)	relative influence score divided by n=number of authors as it follows: if $2 \leq n \leq 5$, is divided to $n/2$, if $6 \leq n \leq 80$, is divided to $(n+3)/3$, if $n \geq 81$, is divided to 28.		
3.	The project manager is main author on papers published in conferences of the Australian Research Council list http://www.arc.gov.au/xls/ ERA2010_conference_list.xls for which the ISI WoS does not calculate AIS. In projects of Social Science and Humanities area, books or chapters or study are also accepted, scoring requirements are described in Note 2)	For type A: 1/number of main authors; For type B: 0,5/ number of main authors; For type C: 0,3/ number of main authors;		
4.	The project manager is co-author other than main author on papers published in conferences of the Australian Research Council list http://www.arc.gov.au/xls/ ERA2010_conference_list.xls for	For type A: divided by number of authors like in 2nd criterion; For type B: 0,5 divided by number of		

	which the ISI WoS does not calculate AIS. In projects of Social Science and Humanities area, books or chapters or studyare also accepted, scoring requirements are described in Note 2)	authors like in 2nd criterion; For type C: 0,3 divided by number of authors like in 2nd criterion.		
5.	The project manager is author or coauthor of a patent granted by OSIM.	0,5		
6.	The project manager has led (as Project Manager or partner responsible) a research / development international project (FP6 / FP7, Eureka / Eurostar, ERANET, EEA, NATO, JRC) with a minimum budget of 250.000 Euro for the Romanian partner;	2		
7.	The project manager is author or coauthor of a national patent (in a country of the European Union other than Romania or in an OECD country) or international (the international organizations EPO, PCT or EAPO)	2 points if it is a granted patent 0,75 points if there is only a patent application recorded (registered patent application) to an Industrial Property Office		
8.	In the applications for Area 1 Information Technology and Communications, the project manager is author or coauthor of a software application created by a company in Romania, application that was launched on the international market (the EU orOECD countries) and recorded sales (sales in the international market have now been registered in Romania exclusive to third parties (excluding revenues from affiliates) see Annex 11, the evaluators may request additional supporting documentation) at least 250,000 (two hundred fifty thousand) euros.	2		
	Total score			

Note[2)]

The scores below apply to the calculation related to the number of authors in the column score / unit of the criteria.

For projects in Social Sciences subdomain :

1. Books published as author or coauthor: 1.2 points per book;

2. Chapters published as author or coauthor in collective volumes: 0.6 points /chapter.

For both categories of publications there will be considered only books that are at least in three libraries of higher education institutions in countries other than Romania, the European Union or from countries other than Romania members of the OECD, works indexed in WorldCat catalog (available at www.worldcat.org).

For projects in Humanities subdomain:

a) Publication at publishing houses from outside Romania and the Republic of Moldova, in international languages (English, French, German, Italian, Russian and Spanish) reference works for humanities (authored books, dictionaries / encyclopedias, particularly difficult critical editions).

   Those works should be included in at least three libraries of institutions of higher education in other EU Member States or Member States of the Organization for Economic Cooperation and Development, indexed in World Catalogue of WorldCat (available at www.worldcat.org): 2 points / paper.

b) Reference works for the humanities published at publishing houses in Romania or the Republic of Moldova (authored books, dictionaries/encyclopaedias,particularly difficult critical editions). These papers must be indexed in world catalogue WorldCat (available at www.worldcat.org). Maximum **3** works may be considered from this category: 0.4 points/paper.

c) Studies published in journals indexed in the Arts & Humanities Citation Index or included in the European Reference Index for Humanities (ERIH), categories A (INT1) or B (INT2) (www.esf.org/research-areas/humanities/erih-european-reference-index-for-the-humanities.html), or chapters authored in collective volumes edited in major international languages, or volumes edited in major international languages. The collective volumes must be found in not less than **3** libraries of higher education institutions from other member states of the European Union, or member states of the Organisation for Economic Cooperation and Development, indexed in the worldwide catalogue WorldCat: 0.2 points per study, chapter or edited volume.

Data on minimum eligibility standards which are met in this Annex shall be completed only on the Web platform for applications http://uefiscdi-direct.ro. All information provided must be accompanied by supporting documents (copy of article,certificate of patent / patent application, etc.)in the dedicated sections. It is required to load on the online platform a declaration, signed by the project coordinators and research teams, in which they assume,

knowing the provisions of Article 292 of the Penal Code, the accuracy ofdata in the assessment of eligibility. If there is any discrepancy between the declared and reality, the project will be disqualified regardless of the stage of assessment or the project.

ANNEX 3 – Funding Application - Identificator competiţie: PN-II-PT-PCCA-2011-3

Funding Application for Joint Applied Research Projects
PN-II-PT-PCCA-2011-3

This document uses Times New Roman font, 12 point, 1.5 line spacing and 2 cm margins. Any modification of these parameters (excepting the figures and their captions), as well as exceeding the maximum number of pages set for each section can lead to the automatic disqualification of the application.

Table 1. General outline

Title of the project			
Acronym			
Type 1		**Type 2**	
Project duration (months)			

Contact details	**Name and surname**	**Email**	**Phone**	**Fax**
Project manager				

List of participants	**Participant organisation name**	**Web page**
Coordinator (CO)		
Partner 1		
Partner 2		
Partner 3		
Partner 4		

	Person incharge from partners (Name and surname)
Partner 1	
Partner 2	
Partner 3	
Partner 4	

Project expertise domain *	
Research field*	
Thematic area*	

*according to Annex 1

Project scientific field **	
Subdomain code**	
Research area code**	

**according to Annex 5

Total budget (lei)	
Total funding requested from Public Budget (lei)	
Own budget of partners (lei)	

Prezentarea consorţiului (fişă instituţie coordonatoare/parteneră)[2]

(max 1 pagină)

Table 2. Consorţiu

Titlul proiectului							
Acronimul							
Instituţie							
Coordonator (CO) / Partener (P1 – P4)							
Denumire instituţie							
Reprezentant legal							
Statut instituţie		Organizaţie de cercetare		Mică		Mijlocie	Mare
		Întreprindere					
Tip instituţie[3]		CUI			CAEN		
Adresa				Localitate / Judeţ			
Telefon		Fax		Email			
Web site							
Director de proiect (CO) /Responsabil de proiect (P1-P4)							
Numele				Prenumele		**CNP**	
Gradul ştiinţific				Funcţia			
Profilul şi experienta instituţiei							
Contribuţia instituţiei în proiect							

Data: .....

REPREZENTANT LEGAL AL INSTITUŢIEI — DIRECTOR DE PROIECT / RESPONSABIL DE PROIECT

Nume şi prenume — Nume şi prenume

SEMNĂTURA şi ŞTAMPILA — *SEMNĂTURA*

[2]Această fişă trebuie completată de fiecare entitate din consorţiu (CO – P4)
Ulterior, fişa semnată, ştampilată şi scanată se va încărca în portal.
[3]Conform Anexa 9

Executive summary
(max 1 page)

1. Importance and Relevance of the Technical and/or Scientific Content

(max 20 pages)

1.1. Concept and objectives:

Explain the concept of the project. Describe the project objectives and the technical and/or scientific barriers that will be lifted by carrying out the project. Emphasise the original, novelty and innovative nature of the project. Present expected results and describe the project end products.

1.2. State of the art:

Present thestate of the art on the subject of the project (at the national and international level). Compare the product/technology/services that you aim to develop with existing product/technology/services available worldwide. Analyse how the product/technology/services that you aim to develop distinguishes from existing product/technology/services which are already patented and/or exploited commercially, in Romania or other countries. Show any contribution by the partners to the state of the art. Show any preliminary results.

Table 3. Phase list

Phase no.	Phase title	Involved partners	Start month (1 ... n-1)	End month (2 ... n)
1				
....				
n				

Table 4. Phase description *(for each Phase-max 2 pages)*

Phase **no.**	**(1… n)**					
Phase title						
Involved partners	**CO**	**P1**	**P2**	**P3**	**P4**	**Total**
Person-months						
Start month	**(month 1 ... month n-1)**					
End month	**(month 2 ... month n)**					
Objectives						
Description of work (possibily broken down into tasks) and role of participants						
Deliverables (brief description and month of delivery)						

Table 5. Deliverables List

Deliverable No.	Deliverable Name	Phase no.	Type of Deliverable*	Phase delivery date (1 ... n)

** according to Annex 6 – results indicators of the Programme (patent, technology, article etc)*

2. Implementation

(max 10 pages)

2.1. Management structure and procedures

Describe the organisational structure and decision-making mechanisms of the project. Show how they are matched to the complexity and scale of the project.

2.2. Individual participants

For each participant inthe proposed project, provide a brief description of the legal entity, the main tasks they have been attributed, and the previous experience relevant to those tasks. Provide also a short profile of the key persons who will be undertaking the work (please use key persons list).

2.3. Consortium as a whole

Describe how the participants collectively constitute a consortium capable of achieving the project objectives, and how they are suited and are committed to the tasks assigned to them. Show the complementarity between participants (please use available research infrastructure). Explain how the composition of the consortium is well-balanced in relation to the objectives of the project.

2.4. Resources to be committed

Describe how the totality of the necessary resources will be mobilised (please use the Justification of purchasing major pieces of equipment), including any resources that will complement the partners contribution. Show how the resources will be integrated in a coherent way, and show how the overall financial plan for the project is adequate.

2.5. Methodology and associated work plan:

A detailed work plan should be presented, broken down into logical phases of the project. Present your plans as follows:

- describe the overall strategy of the work plan (please use the phase list);
- description of each phase (please use the phase description);
- show the timing of the different phases and their components;
- indicate deliverables (please use the Deliverable list).

Table 6.

Key persons list				
	Name and surname*	**Scientific title**	**Phase**	**Person-month**
Coordinator (CO)				
Partner 1				
Partner 2				

Partner 3				
Partner 4				
Total				

*the CVs will be uploaded on the web platform, www.uefiscdi-direct.ro

Available research infrastructure

There will be made a distinction between the infrastructure of ICT and the rest of the research infrastructure (equipments and facilities for experimentation, own or available through cooperation relationship with other institutions)
(max 1 page) *The quality and complementarity of the existing research infrastructure of partners.*

Table 7.	Budget breakdown by year (lei)															
	Public Budget					Private cofinancing					Total					Private cofinancing
	2012	2013	2014	2015	Total	2012	2013	2014	2015	Total	2012	2013	2014	2015	Total	%
Coordinator (CO)																
Partner 1																
…																
Partner 4																
Total																

Table 8. Budget breakdown by category of expenses

Budget breakdown / destination (lei)[4]								
		Personnel costs	Logistics			Travel	Indirect costs	Total
			Equipments	Materials	Subcontracting			
Coordinator (CO)	Public Budget							
	Private cofinancing							
Partner 1	Public Budget							
	Private cofinancing							
...								
Partner 4	Public Budget							
	Private cofinancing							
Total								

[4]According to Chapter 8 – Budget

Table 9. Justification of purchasing major pieces of equipment

	Equipment name and characteristics	Justification
Coordinator (CO)		
Partner 1		
....		
Partner 4		

3. Expected impact

(max 3 pages)

3.1. Added value of the project results at National, European and International level

Explain how the project results will contribute to increase the social-economical competitivness.

3.2. Dissemination and/or exploitation of project results, and management of intellectual property rights

Describe the measures you propose for the dissemination and/or exploitation of project results, and how these will increase the impact of the project. Describe also your plans for the management of knowledge (intellectual property) acquired in the course of the project.

3.2. Business case – only for Type 2 projects (*max 1 page, included in the maximum 3 pages for the section)*

Show how the project is integrated into the business strategy of the enterprise partner, considering its market position and experience. Describe how the project significantly contributes to the business growth of the enterprise partner.

The information in this application is hereby certified to be correct.

Project manager,

Last name, first name:

Signature:

Date:

Tabelul 10. Plan de realizare necesar pentru verificarea ajutorului de stat

An	Etape/ Denumirea Activităţii	Partener implicat ***)	Categoria de activitate *)	Durata Etapa (luni)	Necesar resurse financiare **) (valoare exprimata in lei) din care:		
					Total	Finantare de la bugetul de stat	Cofinantare
0	1	2	3	4	5	6	7
	Etapa I (se va trece denumirea etapei)						
	Activitate I.1 (se vor nominaliza, la nivelul fiecarei etape, activitatile derulate de fiecare partener						
	Etapa II						
	Activitatea II.2						

*) Pentru proiectele de tip 2 se vor nominaliza obligatoriu categoriile de activitati conform Schemei de Ajutor de stat (Anexa 9.5) după cum urmează

1. cercetare fundamentală,
2. cercetare industrială,
3. dezvoltare experimentală,
4. studii de fezabilitate tehnică,
5. drepturile de proprietate intelectuală pentru IMMuri,

**) Totalul fondurilor necesare pentru a asigura resursele umane şi materiale.

***) In cazul in care o activitate este realizata de mai multi parteneri, aceasta trebuie nominalizata pentru fiecare partener in parte, odata cu bugetul asociat.

Nota: Valorile inscrise in Planul de realizare al proiectului sunt orientative si pot fi ajustate la negocierea contractului de finantare.

ANNEX 4 –Evaluation Sheet

Criteria number	Evaluation criteria	Evaluated aspect	Type 1	Type 2
			100%	**100%**
1	**Scientific/technical quality of the project**		**30%**	**30%**
1.1		Originality	15%	15%
1.2		Approach	15%	15%
2	**Implementation**		**45%**	**40%**
2.1		Human Resource	20%	15%
2.2		Infrastructure	5%	5%
2.3		Workplan	15%	15%
2.4		Budget	5%	5%
3	**Socio-economic impact**		**25%**	**30%**
3.1		Applicative potential	25%	20%
3.2		Business Case	0%	10%

***** Type 1 – Projects without Enterprises as mandatory partner;

Type 2 – Projects with Enterprises as mandatory partner.

Weights correspond to (Type1/Type2) projects.

1. Scientific quality (30%/30%)

1.1 **Originality (15%/15%)** How original and innovative is the research project? To what extent does the proposed research go beyond the current state of the art?

1.2 **Approach (15%/15%)** To what extent are the methods, techniques and investigation tools adequately selected and/or developed, well integrated, well reasoned, and appropriate to the aims of the project? Does the applicant acknowledge potential problem areas and consider alternative approaches?

2. Implementation (45%/40%)

2.1 **Human resources (20%/15/%)**How relevant is the expertise of the key team members as derived from their applied research experience, for the proposed objectives? How well do the skills and experience of the team members complement each other, and how well positioned are they to collaborate productively in view of the project objectives and workplan?

2.2 **Infrastructure (5%/5%)** How appropriate is the infrastructure and equipment which is available or to be acquired, in view of the projected objectives, in the given time frame?

2.3 **Work plan (15%/15%)** How appropriate and well adapted is the work plan for achieving the goals of this project, and how likely is it that the goals be achieved within the proposed timescale and resources?

2.4 **Budget (5%/5%)** How adequate is the budget proposed based on the objectives, the workplan and the existing human resources and infrastructure? Please comment and/or suggest possible corrections.

3. Socio-economic impact (25%/30%)

3.1 **Applicative potential (25%/20%)** How would you rank the potential of the project objectives to lead to significantly improved quality, performance or efficiency of goods or services? Do the proposed results distinguish enough from products/technologies/services that are already patented or available on the market, internationally? How well positioned is the project to contribute significantly to solve/improve on a quantifiable social need?

3.2 **Business case (0%/10%)** To what extent is the project well integrated into the business strategy of the enterprise partner, considering its market position and experience? How well positioned is the project to contribute significantly to the business growth of the enterprise partner?

Recommendations for evaluators:

a) Please give a score for each subcriteria: 0 – absent, 1 – very poor, 2 – poor, 3 – fair, 4 – good, 5 – very good;

b) The final score will be calculated as a sum of the grades for each of the subcriteria weighed by the corresponding precentage and multiplying by 20 (final score between 0 and 100);

c) Please add comments in support of your evaluation, for each of the subcriteria.

ANNEX 5 – Scientific domains

Domain Code:	**SH**
Subdomain Code:	**SH1, SH2, SH3, SH4, SH5, SH6**
Research Area Code:	**SH1_1..SH1_12,** **SH2_1..SH2_14....**

DOMAIN
SOCIAL SCIENCES AND HUMANITIES

SOCIAL SCIENCES SUBDOMAIN

SH1	**Individuals, institutions and markets:** economics, finance and management
SH1_1	Macroeconomics, growth, business cycles
SH1_2	Microeconomics, institutional economics
SH1_3	Econometrics, statistical methods
SH1_4	Financial markets, banking and corporate finance
SH1_5	Competitiveness, innovation, research and development
SH1_6	Consumer choice, behavioral economics, marketing
SH1_7	Organization studies, strategy
SH1_8	Human resource management, employment and earnings
SH1_9	Public administration, public economics
SH1_10	Income distribution, poverty
SH1_11	International trade, economic geography
SH2	**Institutions, values, beliefs and behavior:** sociology, social anthropology, political science, law, communication, social studies of science and technology
SH2_1	Social structure, inequalities, social mobility
SH2_2	Ageing, work, social policies
SH2_3	Kinship, cultural dimensions of classification and cognition, individual and social identity, gender
SH2_6	Globalization, migration, interethnic relations
SH2_7	Transformation of societies, democratization, social movements
SH2_8	Political systems, legitimacy of governance
SH2_9	Legal systems, constitutions, foundations of law
SH2_10	Private, public and social law
SH2_11	Global and transnational governance, international law, human rights
SH2_12	Communication networks, media, information society
SH2_13	Social studies of science and technology, S&T policies, science and society

SH3	**Environment and society:** environmental studies, demography, social geography, urban and regional studies
SH3_1	Environment and sustainability
SH3_2	Environmental regulation and mediation
SH3_3	Social and industrial ecology
SH3_4	Geographical information systems, cartography
SH3_5	Human and social geography
SH3_6	Spatial and regional planning
SH3_7	Population dynamics
SH3_8	Urbanization and urban planning, cities
SH3_9	Mobility and transportation
SH4	**The Human Mind and its complexity:** cognition, psychology, linguistics, philosophy and education
SH4_1	Evolution of mind and cognitive functions, animal communication
SH4_2	Human life-span development
SH4_3	Neuropsychology and cognitive psychology
SH4_4	Clinical and experimental psychology
SH4_5	Formal, cognitive, functional and computational linguistics
SH4_6	Typological, historical and comparative linguistics
SH4_7	Acquisition and knowledge of language: psycholinguistics, neurolinguistics
SH4_8	Use of language: pragmatics, sociolinguistics, discourse analysis
SH4_9	Second language teaching and learning, language pathologies, lexicography, terminology
SH4_13	Education: principles, techniques, typologies

HUMANITIES SUBDOMAIN

SH1	**Individuals, institutions and markets:** economics, finance and management
SH1_12	Economic history, development
SH2	**Institutions, values, beliefs and behavior:** sociology, social anthropology, political science, law, communication, social studies of science and technology
SH2_4	Myth, ritual, symbolic representations, religious studies
SH2_5	Ethnography
SH2_14	History of science and technology
SH4	**The Human Mind and its complexity:** cognition, psychology, linguistics, philosophy and education

SH4_6	Typological, historical and comparative linguistics
SH4_10	Philosophy, history of philosophy
SH4_11	Epistemology, logic, philosophy of science
SH4_12	Ethics and morality, bioethics
SH5	**Cultures and cultural production:** literature, visual and performing arts, music, cultural and comparative studies
SH5_1	Classics
SH5_2	History of literature
SH5_3	Literary theory and comparative literature, literary styles
SH5_4	Textual philology and palaeography
SH5_5	Visual arts
SH5_6	Performing arts
SH5_7	Museums and exhibitions
SH5_8	Numismatics, epigraphy
SH5_9	Music and musicology, history of music
SH5_10	History of art and architecture
SH5_11	Cultural studies, cultural diversity
SH5_12	Cultural memory, intangible cultural heritage
SH6	**The study of the human past:** archaeology, history and memory
SH6_1	Archaeology, archaeometry, landscape archaeology
SH6_2	Prehistory and protohistory
SH6_3	Ancient history, ancient cultures
SH6_4	Medieval history
SH6_5	Modern and contemporary history
SH6_6	Colonial history, entangled histories, global history
SH6_7	Military history
SH6_8	Historiography, theory and methods of history
SH6_9	History of ideas, intellectual history
SH6_10	Social, economic, cultural and political history
SH6_11	Collective memories, identities, lieux de mémoire, oral history
SH6_12	Cultural heritage

RESEARCH AREAS WITH A NATIONAL ROMANIAN CHARACTER ARE THE ROMANIAN LANGUAGE AND LITERATURE AND ROMANIAN LAW WHICH FALL INTO THE FOLLOWING RESEARCH AREAS:

SH2	**Institutions, values, beliefs and behavior:** sociology, social anthropology, political science, law, communication, social studies of science and technology
SH2_10	Private, public and social law
SH5	**Cultures and cultural production:** literature, visual and performing arts, music, cultural and comparative studies
SH5_2	History of literature
SH5_3	Literary theory and comparative literature, literary styles
SH5_4	Textual philology and palaeography

Domain Code:	**PE**
Subdomain Code:	**PE1, PE2, PE3 .. PE10**
Research Area Code:	**PE1_1..PE_18, PE2_1..PE2_17....**

DOMAIN
MATHEMATICS, PHYSICAL SCIENCES, INFORMATION AND COMMUNICATION,
ENGINEERING, UNIVERSE AND EARTH SCIENCES

PE1	**Mathematical foundations:** 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	Geometry
PE1_6	Topology
PE1_7	Lie groups, Lie algebras
PE1_8	Analysis
PE1_9	Operator algebras and functional analysis
PE1_10	ODE and dynamical systems
PE1_11	Partial differential equations
PE1_12	Mathematical physics
PE1_13	Probability and statistics
PE1_14	Combinatorics
PE1_15	Mathematical aspects of computer science
PE1_16	Numerical analysis and scientific computing
PE1_17	Control theory and optimization
PE1_18	Application of mathematics in sciences
PE2	**Fundamental constituents of matter:** particle, nuclear, plasma, atomic, molecular, gas, and optical physics
PE2_1	Fundamental interactions and fields
PE2_2	Particle physics
PE2_3	Nuclear physics
PE2_4	Nuclear astrophysics
PE2_5	Gas and plasma physics
PE2_6	Electromagnetism
PE2_7	Atomic, molecular physics

PE2_8	Optics and quantum optics
PE2_9	Lasers and laser physics
PE2_10	Acoustics
PE2_11	Relativity
PE2_12	Classical physics
PE2_13	Thermodynamics
PE2_14	Non-linear physics
PE2_15	General physics
PE2_16	Metrology and measurement
PE2_17	Statistical physics (gases)
PE3	**Condensed matter physics:** structure, electronic properties, fluids, nanosciences
PE3_1	Structure of solids and liquids
PE3_2	Mechanical and acoustical properties of condensed matter
PE3_3	Thermal properties of condensed matter
PE3_4	Transport properties of condensed matter
PE3_5	Electronic properties of materials and transport
PE3_6	Lattice dynamics
PE3_7	Semiconductors
PE3_8	Superconductivity
PE3_9	Superfluids
PE3_10	Spintronics
PE3_11	Magnetism
PE3_12	Nanophysics: nanoelectronics, nanophotonics, nanomagnetism
PE3_13	Mesoscopic physics
PE3_14	Molecular electronics
PE3_15	Soft condensed matter (liquid crystals…)
PE3_16	Fluid dynamics (physics)
PE3_17	Statistical physics (condensed matter)
PE3_18	Phase transitions, phase equilibria
PE3_19	Biophysics
PE4	**Physical and Analytical Chemical sciences:** analytical chemistry, chemical theory, physical chemistry/chemical physics
PE4_1	Physical chemistry
PE4_2	Nanochemistry

PE4_3	Spectroscopic and spectrometric techniques
PE4_4	Molecular architecture and Structure
PE4_5	Surface science
PE4_6	Analytical chemistry
PE4_7	Chemical physics
PE4_8	Chemical instrumentation
PE4_9	Electrochemistry, electrodialysis, microfluidics
PE4_10	Combinatorial chemistry
PE4_11	Method development in chemistry
PE4_12	Catalysis
PE4_13	Physical chemistry of biological systems
PE4_14	Chemical reactions: mechanisms, dynamics, kinetics and catalytic reactions
PE4_15	Theoretical and computational chemistry
PE4_16	Radiation chemistry
PE4_17	Nuclear chemistry
PE4_18	Photochemistry
PE5	**Materials and Synthesis:** materials synthesis, structure-properties relations, functional and advanced materials, molecular architecture, organic chemistry
PE5_1	Structural properties of materials
PE5_2	Solid state materials
PE5_3	Surface modification
PE5_4	Thin films
PE5_5	Corrosion
PE5_6	Porous materials
PE5_7	Ionic liquids
PE5_8	New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors
PE5_9	Materials for sensors
PE5_10	Nanomaterials : nanoparticles, nanotubes
PE5_11	Biomaterials synthesis
PE5_12	Intelligent materials – self assembled materials
PE5_13	Environment chemistry
PE5_14	Coordination chemistry
PE5_15	Colloid chemistry
PE5_16	Biological chemistry

PE5_17	Chemistry of condensed matter
PE5_18	Homogeneous and heterogeneous catalysis
PE5_19	Characterization methods of materials
PE5_20	Macromolecular chemistry
PE5_21	Polymer chemistry
PE5_22	Supramolecular chemistry
PE5_23	Organic chemistry
PE5_24	Molecular chemistry
PE6	**Computer science and informatics:** informatics and information systems, computer science, scientific computing, intelligent systems
PE6_1	Computer architecture
PE6_2	Database management
PE6_3	Formal methods
PE6_4	Graphics and image processing
PE6_5	Human computer interaction and interface
PE6_6	Informatics and information systems
PE6_7	Theoretical computer science including quantum information
PE6_8	Intelligent systems
PE6_9	Scientific computing
PE6_10	Modelling tools
PE6_11	Multimedia
PE6_12	Parallel and Distributed Computing
PE6_13	Speech recognition
PE6_14	Systems and software
PE7	**Systems and communication engineering:** electronic, communication, optical and systems engineering
PE7_1	Control engineering
PE7_2	Electrical and electronic engineering: semiconductors, components, systems
PE7_3	Simulation engineering and modelling
PE7_4	Systems engineering, sensorics, actorics, automation
PE7_5	Micro- and nanoelectronics, optoelectronics
PE7_6	Communication technology, high-frequency technology
PE7_7	Signal processing
PE7_8	Networks

PE7_9	Man-machine-interfaces
PE7_10	Robotics
PE8	**Products and process engineering:** product design, process design and control, construction methods, civil engineering, energy systems, material engineering
PE8_1	Aerospace engineering
PE8_2	Chemical engineering, technical chemistry
PE8_3	Civil engineering, maritime/hydraulic engineering, geotechnics, waste treatment
PE8_4	Computational engineering
PE8_5	Fluid mechanics, hydraulic-, turbo-, and piston engines
PE8_6	Energy systems (production, distribution, application)
PE8_7	Micro(system) engineering
PE8_8	Mechanical and manufacturing engineering (shaping, mounting, joining, separation)
PE8_9	Materials engineering (biomaterials, metals, ceramics, polymers, composites, …)
PE8_10	Production technology, process engineering
PE8_11	Product design, ergonomics, man-machine interfaces
PE8_12	Lightweight construction, textile technology
PE8_13	Industrial bioengineering
PE8_14	Industrial biofuel production
PE9	**Universe sciences:** astro-physics/chemistry/biology; solar system; stellar, galactic and extragalactic astronomy, planetary systems, cosmology; space science, instrumentation
PE9_1	Solar and interplanetary physics
PE9_2	Planetary systems sciences
PE9_3	Interstellar medium
PE9_4	Formation of stars and planets
PE9_5	Astrobiology
PE9_6	Stars and stellar systems
PE9_7	The Galaxy
PE9_8	Formation and evolution of galaxies
PE9_9	Clusters of galaxies and large scale structures
PE9_10	High energy and particles astronomy – X-rays, cosmic rays, gamma rays, neutrinos
PE9_11	Relativistic astrophysics
PE9_12	Dark matter, dark energy
PE9_13	Gravitational astronomy
PE9_14	Cosmology

PE9_15	Space Sciences
PE9_16	Very large data bases: archiving, handling and analysis
PE9_17	Instrumentation - telescopes, detectors and techniques
PE9_18	Solar planetology
PE10	**Earth system science:** physical geography, geology, geophysics, meteorology, oceanography, climatology, 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	Paleoclimatology, paleoecology
PE10_7	Physics of earth's interior, seismology, volcanology
PE10_8	Oceanography (physical, chemical, biological)
PE10_9	Biogeochemistry, biogeochemical cycles, environmental chemistry
PE10_10	Mineralogy, petrology, igneous petrology, metamorphic petrology
PE10_11	Geochemistry, crystal chemistry, isotope geochemistry, thermodynamics,
PE10_12	Sedimentology, soil science, palaeontology, earth evolution
PE10_13	Physical geography
PE10_14	Earth observations from space/remote sensing
PE10_15	Geomagnetism, paleomagnetism
PE10_16	Ozone, upper atmosphere, ionosphere
PE10_17	Hydrology, water and soil pollution

Domain Code:	**LS**
Subdomain Code:	**LS1,LS2.....LS9**
Research Area Code:	**LS1_1....LS1_8,LS2_1....LS2_14.....**

DOMAIN
LIFE SCIENCES

LS1	**Molecular and Structural Biology and Biochemistry:** molecular biology, biochemistry, biophysics, structural biology, biochemistry of signal transduction
LS1_1	Molecular biology and interactions
LS1_2	General biochemistry and metabolism
LS1_3	DNA biosynthesis, modification, repair and degradation
LS1_4	RNA synthesis, processing, modification and degradation
LS1_5	Protein synthesis, modification and turnover
LS1_6	Biophysics
LS1_7	Structural biology (crystallography, NMR, EM)
LS1_8	Biochemistry of signal transduction
LS2	**Genetics, Genomics, Bioinformatics and Systems Biology:** genetics, population genetics, molecular genetics, genomics, transcriptomics, proteomics,metabolomics, bioinformatics, computational biology, biostatistics, biological modelling and simulation, systems biology, genetic epidemiology
LS2_1	Genomics, comparative genomics, functional genomics
LS2_2	Transcriptomics
LS2_3	Proteomics
LS2_4	Metabolomics
LS2_5	Glycomics
LS2_6	Molecular genetics, reverse genetics and RNAi
LS2_7	Quantitative genetics
LS2_8	Epigenetics and gene regulation
LS2_9	Genetic epidemiology
LS2_10	Bioinformatics
LS2_11	Computational biology
LS2_12	Biostatistics
LS2_13	Systems biology
LS2_14	Biological systems analysis, modelling and simulation
LS3	**Cellular and Developmental Biology:** cell biology, cell physiology, signal transduction, organogenesis, developmental genetics, pattern formation in plants and animals
LS3_1	Morphology and functional imaging of cells

LS3_2	Cell biology and molecular transport mechanisms
LS3_3	Cell cycle and division
LS3_4	Apoptosis
LS3_5	Cell differentiation, physiology and dynamics
LS3_6	Organelle biology
LS3_7	Cell signalling and cellular interactions
LS3_8	Signal transduction
LS3_9	Development, developmental genetics, pattern formation and embryology in animals
LS3_10	Development, developmental genetics, pattern formation and embryology in plants
LS3_11	Cell genetics
LS3_12	Stem cell biology
LS4	**Physiology, Pathophysiology and Endocrinology:** organ physiology, pathophysiology, endocrinology, metabolism, ageing, regeneration, tumorigenesis, cardiovascular disease, metabolic syndrome
LS4_1	Organ physiology
LS4_2	Comparative physiology
LS4_3	Endocrinology
LS4_4	Ageing
LS4_5	Metabolism, biological basis of metabolism related disorders
LS4_6	Cancer and its biological basis
LS4_7	Cardiovascular diseases
LS4_8	Non-communicable diseases (except for neural/psychiatric, immunity-related, metabolism-related disorders, cancer and cardiovascular diseases)
LS5	**Neurosciences and neural disorders:** neurobiology, neuroanatomy, neurophysiology, neurochemistry, neuropharmacology, neuroimaging, systems neuroscience, neurological disorders, psychiatry
LS5_1	Neuroanatomy and neurosurgery
LS5_2	Neurophysiology
LS5_3	Neurochemistry and neuropharmacology
LS5_4	Sensory systems (e.g. visual system, auditory system)
LS5_5	Mechanisms of pain
LS5_6	Developmental neurobiology
LS5_7	Cognition (e.g. learning, memory, emotions, speech)
LS5_8	Behavioral neuroscience (e.g. sleep, consciousness, handedness)
LS5_9	Systems neuroscience
LS5_10	Neuroimaging and computational neuroscience

LS5_11	Neurological disorders (e.g. Alzheimer's disease, Huntington's disease, Parkinson's disease)
LS5_12	Psychiatric disorders (e.g. schizophrenia, autism, Tourette's syndrome, obsessive compulsive disorder, depression, bipolar disorder, attention deficit hyperactivity disorder)
LS6	**Immunity and infection:** immunobiology, aetiology of immune disorders, microbiology, virology, parasitology, global and other infectious diseases, population dynamics of infectious diseases, veterinary medicine
LS6_1	Innate immunity
LS6_2	Adaptive immunity
LS6_3	Phagocytosis and cellular immunity
LS6_4	Immunosignalling
LS6_5	Immunological memory and tolerance
LS6_6	Immunogenetics
LS6_7	Microbiology
LS6_8	Virology
LS6_9	Bacteriology
LS6_10	Parasitology
LS6_11	Prevention and treatment of infection by pathogens (e.g. vaccination, antibiotics, fungicide)
LS6_12	Biological basis of immunity related disorders
LS6_13	Veterinary medicine
LS7	**Diagnostic tools, therapies and public health:** aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics
LS7_1	Medical engineering and technology
LS7_2	Diagnostic tools (e.g. genetic, imaging)
LS7_3	Pharmacology, pharmacogenomics, drug discovery and design, drug therapy
LS7_4	Analgesia
LS7_5	Toxicology
LS7_6	Gene therapy, stem cell therapy, regenerative medicine
LS7_7	Surgery
LS7_8	Radiation therapy
LS7_9	Health services, health care research
LS7_10	Public health and epidemiology
LS7_11	Environment and health risks including radiation
LS7_12	Occupational medicine
LS7_13	Medical ethics

LS8	**Evolutionary, population and environmental biology:** evolution, ecology, animal behaviour, population biology, biodiversity, biogeography, marine biology,eco-toxicology, prokaryotic biology
LS8_1	Ecology (theoretical, community, population, microbial, evolutionary ecology)
LS8_2	Population biology, population dynamics, population genetics, plant-animal interactions
LS8_3	Systems Evolution, biological adaptation, phylogenetics, systematics
LS8_4	Biodiversity, comparative biology
LS8_5	Conservation biology, ecology, genetics
LS8_6	Biogeography
LS8_7	Animal behaviour (behavioural ecology, animal communication)
LS8_8	Environmental and marine biology
LS8_9	Environmental toxicology
LS8_10	Prokaryotic biology
LS8_11	Symbiosis
LS9	**Applied life sciences and biotechnology:** agricultural, animal, fishery, forestry and food sciences; biotechnology, chemical biology, genetic engineering, synthetic biology, industrial biosciences; environmental biotechnology and remediation
LS9_1	Genetic engineering, transgenic organisms, recombinant proteins, biosensors
LS9_2	Synthetic biology and new bio-engineering concepts
LS9_3	Agriculture related to animal husbandry, dairying, livestock raising
LS9_4	Aquaculture, fisheries
LS9_5	Agriculture related to crop production, soil biology and cultivation, applied plant biology
LS9_6	Food sciences
LS9_7	Forestry, biomass production (e.g. for biofuels)
LS9_8	Environmental biotechnology, bioremediation, biodegradation
LS9_9	Biotechnology, bioreactors, applied microbiology
LS9_10	Biomimetics
LS9_11	Biohazards, biological containment, biosafety, biosecurity

ANNEX 6 – Process, result for subprogram PN-II-PT-PCCA-2011-3

	Name of indicators	Units
Process indicators	Number of projects with international partners	No.
	National mobilities	Luna x om
	International mobilities	Luna x om
	The value of investments in equipments	Mii lei
	Number of participating enterprises	No.
	Number of participating SMEs	No.
Result indicators	Number of articles published or accepted for publication in the main scientific international stream	No.
	Number of articles published in journals indexed AHCI Category A or B or ERIH (Humanities only) Number of articles published in journals indexed AHCI or ERIH Category A or B (Humanities only)	No.
	Number of chapters published in collective editions, in major foreign languages, at prestigious foreign publishing houses (applies only to Social Sciences and Humanities)	No.
	Number of books authored in major foreign languages at prestigious foreign publishing houses (applies only to Social Sciences and Humanities)	No.
	Number of books edited in major foreign languages at prestigious foreign publishing houses (applies only to Social Sciences and Humanities)	No.
	Relative cumulative impact factor of publications published or accepted for publication	
	Normalized number of citations in the field of publications	No.
	Number of patent applications registered brevetede (registered patentaapplication) in the projects, including:	No.
	• National (in Romania or in another country);	No.
	• At the level of international organizations (EPO / PCT / EAPO / ARIPO / etc.) *	No.
	Number of patents granted (granted patent) in the projects, including:	No.
	• National (in Romania or in another country);	No.
	• At the level of international organizations (EPO / PCT / EAPO / ARIPO / etc.) *	No.
	Revenues from exploitation of patents and other intellectual property titles	Thousands lei
	Revenues from the operation of products, services and technologies developed	Thousands lei
	The share of private financial contribution to projects	%
	Private financial contribution to projects	Thousands lei

ANNEX 7 – Partnership agreement

We ..... (please write the names of all organizations involved in the project) ..... agree to be partners in the project entitled: "..... .....", submitted in Partnership Programme – Call 2011 and ..... (please write the name of the institution coordinating the project) ..... to be its coordinator. Intellectual property rights resulting from the project will be distributed among the partners respecting each partner's contribution.

Date:

Legal representative

Coordinator	**Partner (1...4)**
Function:	Title:
Name	Name
Surname:	Surname:
Signiature:	Signiature:
Stamp:	Stamp:

Project Manager	**Partener responsible**
Name:	Name:
Surname:	Surname:
Signiature:	Signiature:

Note:
Coordinating institution of the project is required to complete each project partner institution in this partnership agreement. Project manager may sign separate copies of the Partnership Agreement containing identical, with one or more partners so that each partner has signed at least one copy of partnership agreement with project manager.

ANNEX 8 – Legislation

Ethics

Ethics in research, development and innovation activities, referred to as R&D below, are based on a set of moral principles and on a set of procedures designed to enforce them. The competition and the projects financed as a result submit to the provisions of Law 206/2004 concerning the rules of good practice in R&D activities in Romania. Such activities must also obey the international regulations in the area, such as, in particular, the legislation of the European Union.

Other relevant legislation:

- Government decision no. 134/2011 for the approval of the Norms concerning the categories of expenses for R&D activities, eligible for funding from the state budget;
- Government decision no. 1265/2004 for the approval of the Norms concerning the contracts, financing, monitoring and evaluation of R&D programs projects and actions which compose the National Plan for R&D;
- Government decision nr. 217/2007 concerning the approval of the National Strategy fo R&D, for the period 2007-2013;
- Government decision nr. 475/2007 concerning the approval of the National Plan for R&D, with the subsequent modifications;
- Government Ordinance no. 57/2002 concerning scientific research and technological development, approved with modifications through Law no. 324/2003, with the subsequent modifications;
- Law no. 319/2003, concerning the Statute of R&D personnel;
- Law no. 1/2011 of national education;
- Government decision no. 1860/2006 concerning the rights and obligations of the public authorities and institutions, during the delegation to other areas, as well as during the delegation to other locations within the same area, in the interest of the employer, with subsequent modifications;
- Government decision no. 518/1995 concerning some rights and obligations of Romanian personnel sent abroad in the interest of carrying out missions with a temporary character, with the subsequent modifications;
- Community framework on State aid for Research & Development (C 232/2006) and authorization decision C (2007) European Commission 6545;
- Decision 9451/2007 approving the state aid scheme "Financing RDI projects under the National Plan for Research, Development and Innovation II;

- Law 346/2004 on stimulating the establishment and development of small and medium enterprises, as amended and supplemented;
- Law. 206/2004 about good conduct in scientific research, technological development and innovation;
- 64/1991about patent law, republished in the legislative Official Journal 752/2002;
- Law 8/1996privind copyright and related rights, as amended and supplemented;
- Emergency Ordinance no. 34/2006 regarding the award of public procurement, the public works concession contracts and services concession contracts approved by Law no. 337/2006, modified and completed by Law no. 128/2007and GEO 94/2007.

ANNEX 9 – State aid

Regulations applicable to State aid granted to Partnerships, Joint Aoolied research projects, are:

• Community framework on State aid for research, development and innovation (2006 / C 323/01);

• Regulation no. 800/2008 of the European Commission (2008 / L 214 / 3);

• Authorization decision C (2007) 6545;

• Decision of the President of NASR no. 9451/2007 approving the state aid scheme "Financing RDI projects according to the National Research, Development and Innovation II".

They are available for consultation at:

http://fonduristructurale.ancs.ro/ro/categorie/1660/fonduri-structurale-legislatie-ue

This appendix summarizes some of the most important provisions of normative acts mentioned above. To determine the entities to which this scheme applies state aid, it is necessary to make a distinction between two types of entities: enterprises and research organizations.

A research organization is an entity such as an university or research institute, irrespective of its legal status (public or private) or financing, whose primary goal is to conduct fundamental research, industrial research or experimental development and to disseminate its results through educational activities, publishing or technology transfer; all profits / proceeds are reinvested in these activities, dissemination or education; enterprises that can exert influence over such organizations as shareholders or members, for example, will not benefit from preferential access to the research capacities of the entities or research results yielded. Financing institutions falling within the definition of research organizations do not constitute state aid and legal provisions on state aid do not apply.

Enterprises are legally constituted entities with research and / or technological development as part of their activity and providing economic activities, namely activities consisting in offering goods and / or services on the market.

These include:

A - private**:**

- R & D units organized as enterprises;
- enterprises and their structure, carrying out research and development;
- accredited private higher education institutions or their components;

- NGOs carrying out research and development.

B - public**:**

- institutes or research and development centers organized in national societies, national companies and autonomous administrations;
- international centers of research and development established under international agreements.

The beneficiaries are also universities / research organizations engaged in activities both economic and non-economic, provided they do not keep separate accounts for the two activities, even in cases where aid is granted for their main non-economic activity. Under these conditions, research organizations qualify as enterprises.

Enterprises fall into three categories (Annex 9.2 - Statement of enterprises as small, medium and large), depending on respecting the following conditions, as follows:

• small businesses:

- have fewer than 49 employees;
- an annual net turnover or have total assets of up to 10 million euros, equivalent in lei;

• medium enterprises:

- have between 50 and 249 employees;
- annual net turnover of up to 50 million euros, equivalent in lei or have total assets not exceeding the equivalent in RON of EUR 43 million;

• large enterprises:

- more than 250 employees;
- over 43 million, equivalent in lei.

In the framework of the Partnership - Joint Applied Research Projects (PCCA) may finance the following activities:

• fundamental research,
• industrial research and
• experimental development (individually or in collaboration),
• technical feasibility studies,
• activities for obtaining and protecting intellectual property rights for SMEs.

For all activities funded under the scheme, these maximum rates of funding from the state budget can be applied as a percentage which shall be realised from public funds of the eligible costs of an enterprise conducted under the project supported by public funds:

	Category of activity *	Projects - PARTNERSHIPS		
Company Type		Big	Medium	Small
Fundamental research	A.1	100%		
Industrial research	A.2	65%	75%	80%
Experimental development	A.3	40%	50%	60%
Technical of feasibility studies (industrial research)	B.1	65%	75%	
Technical of feasibility studies (experimental development)	B.2	40%	50%	
Protecting of industrial property rights (fundamental research)	C.1	-	100%	
Protecting of industrial property rights (industrial research)	C.2	-	60%	70%
Protection of Industrial property rights (experimental development)	C.3	-	35%	45%

***** The category of activity is in accordance with Annex 9.5 - Types of eligible RDI activities in the State aid scheme for PCCA - PARTNERSHIPS

The following types of expenditures from public funds are not eligible under the state aid scheme, but may be realized from the co-financing budget:

- Disseminating widely by national or international communication and publication of results;
- Participating in technical-scientific events (round tables, national / international workshops, national / international fairs);
- Participation in training and development;
- Organizing training courses and training;
- Connecting to national and international research networks;
- Working visits / exchanges of good practice.

Depending on the type of organization, each partner in a PCCA type project must complete and submit the following statements:

No. Annex	Name Annex	Type of entity that must complete
9.1	Declaration on compliance with the definition of research organization	Entities stating research organizations

9.2	Declaration on enterprise definiton as small, medium and large	Entities other than research organizations
9.3a	Declaration on own responsibility of eligibility for research organization	Research Organizations
9.3b	Declaration on own responsibility of eligibility for enterprise	Entities which are aid recipients
9.4	Declaration for certification the stimulating effect	Entities which are state aid beneficiaries

Besides declarations, the Contracting Authority reserves the right to require supporting documentation to prove their reality.

DEFINITIONS:

- "**small and medium enterprises**", or SMEs, **"small"** and **"medium-sized enterprises"** are defined are those enterprises defined in Commission Regulation (EC) Nr. 70/2001, or under any regulation replacing it;

- **"large enterprise"** is the company that does not fit the definition of small and medium enterprises;

- **"aid intensity"** is the gross amount of aid, expressed as a percentage of eligible project costs. All figures used shall be calculated before deducting fees or taxes. Aid paid in installments will be updated when the value of the grant is awarded. The interest rate that will be used for updating will be the reference rate applicable at the time of grant. The aid intensity is calculated per beneficiary;

- **"research organization"** is an entity such as an university or research institute, irrespective of its legal status (public or private) or financing, whose primary goal is to conduct fundamental research, industrial research or experimental development and to disseminate its results through educational activities, publishing or technology transfer, all profits / proceeds are reinvested in these activities, dissemination or education, enterprises can exert an influence on such organizations, as shareholders or members, for example, will not benefit from preferential access to research capabilities of the entity or the research results generated by it;

- **"fundamental research"** means experimental or theoretical work undertaken primarily to acquire new knowledge about the causes of phenomena and observable facts, without any direct practical application or use envisaged;

- **"industrial research"** means planned research or critical investigation that serves to acquiring new knowledge and skills to develop new products, processes or services or the discovery of a significant improvement in products, processes or services. Includes components to create complex systems required for industrial research, especially for generic technology validation and excludes prototypes which are within the scope of experimental development;

- **"experimental development"** means the acquisition, merge, consolidate and use of existing knowledge and skills in science, technology, business and other relevant knowledge and skills, to produce plans and designs for products, processes and services, modified or improved. These can include other activities in order to define, conceptual planning and documentation products, processes or services. Activities may comprise producing drafts, drawings, plans and other documentation, provided that they are not intended for commercial use. Development of prototypes and pilot projects which may be given a commercial use is also included where the prototype is necessarily the final commercial product and its production is too costly for it to be used exclusively for demonstration and validation. In a subsequent commercial use of demonstration or pilot projects, any revenue generated from such use must be deducted from eligible costs. The experimental production and testing of products, processes and services are also eligible, provided that such products, processes and services cannot be used or converted for use in industrial applications or commercially. Experimental development does not include routine or periodic changes made to products, production lines, manufacturing processes, existing services and other operations in progress, even if such changes represent improvements;

- **"economic agent"** is an institution providing economic activities, activities consisting in offering goods and / or services on the market, regardless of its legal or financial way. Economic agents may be of large enterprise, medium or small;

- **"firm in difficulty"** within the meaning of the Community guidelines on State aid for rescuing and restructuring firms in difficulty (2004/C244/02). According to guidelines, a company is in difficulty if not able, from its own resources or with funds that can be obtained from the owner / shareholders or creditors, to stem losses which, without outside intervention by public authorities , will almost certainly condemn it to going out of business in the short or medium term.

"types of institutions":

- INCD - National Institute for Research and Development
- I-AR - Romanian Academy Institute of coordination
- I-AS, I-AGR, I-ASM - Institute of ASAS coordination, the Ministry of Agriculture, that the Academy of Medical Sciences
- IP - a public institution
- UNI - Public higher education institutions
- SNC - company, National Companies, state
- SACD - limited liability companies
- SRL - limited liability company
- NGO - non-profit non-governmental organization (associations, foundations, etc.)
- ALT - others

ANNEX 9.1

Statement on compliance with the definition of research organization

I / the undersigned, ... (name of legal representative of the applicant institution), as ... ... (position of the applicant institution's legal representative) of ... ... (name of institution), declare under our sole responsibility that the following conditions are met:

1. The organization I represent is a research organization*, as follows:
□ ** Higher education institution;
□ Institution whose main activity is research and development (CAEN code 72), as shown in the status or the legal act establishing;
2. All profits or revenues are reinvested in research, dissemination or education (as the act of incorporation or status);
3.
□ No company can exert influence on the research organization;
□ There are companies that can exert influence over research organization (the shareholders or members), but they do not have preferential access to the research capacities of the organization, nor the results of research;
4.
□ Organization is engaged exclusively in non-economic activities ***;
□ Outside the main non-economic activity, the organization carries out economic activities ****, but in the economical balance situation, non-economic activities, costs and financing are separate economic activities.

Date:

Legal Representative	Function:
	Name and surname
	Signature / Stamp
Project Manager / Responsible of partner	Name and surname
	Signature

If one of the four simultaneous conditions stated is not met, the entity acts as an enterprise and will be verified that the scheme of state aid is respected.

*) "**Research** organization" is an entity, regardless of its legal status (public or private) or financing, whose primary goal is to conduct fundamental research, industrial research or experimental development and disseminate its results through publications, education, or technology transfer activities. All profits / revenues are reinvested in these activities, dissemination of results or teaching. Companies that can exert influence over such organizations as, for example, shareholders or members will not receive preferential access to the research capacities of the entities or research results yielded.

**) Including clinical and university hospitals as defined in Law No. 270/2003 as amended and supplemented as follows. Clinical hospital is the hospital that comprises at least two different university clinics in specialties that carry out health care, education activities and medical research and continuing medical education. University Hospital is the hospital organized in academic medical centers, in which all sections of the structure are specialized clinical departments and clinics are included in the university structure. Clinical departments are departments of the hospital in which university education is conducted. University clinic has in its structure one or more clinical sections.

***) The non-**economic** activities means:

- Educational activities for improving human resources;
- RD activities independently or in collaboration to expand knowledge and understanding;
- Dissemination of research results;
- Technology transfer activities (sale of licenses, creating spin-offs or other forms of management knowledge created by research organizations), whether they are internal, and all income from these activities are reinvested in core activities research organization. By "internal nature" to understand where knowledge management in research organizations is made or a department thereof, or other form of organization subject to a concerned research organization, or in collaboration with other research organization. Contracting such services from third parties, by public procurement, does not affect the internal nature of these activities.

****) Contracts with industry, consulting and rental activities are economically active infrastructure.

ANNEX 9.2

Declaration on enterprise definiton as small, medium and large

I. Identification information

- ✓ Company name
- ✓ Address
- ✓ Unique registration code
- ✓ Name and title of general manager or equivalent

II. Tipul intreprinderii

☐ **Autonomous enterprise** – Please fill in the table below with the results of calculations made according to law 346/2004 as amended and supplemented

☐ **Partner enterprise** – Please fill in the table below with the results of calculations made according to law 346/2004 as amended and supplemented

☐ **Linked enterprise** – Please fill in the table below with the results of calculations made according to law 346/2004 as amended and supplemented

III.Information used for estanlishing the type of enterprise *1)

The financial year of reference *2)		
Yearly medium number of employees	Annual net turnover (thousands lei / thousands euro)	Total assets (thousands lei / euro thousands)

Declare on oath that ....*(enterprise name)*.... **falls whithin small, medium or large enterprise, according to information in thins statement.**

Declare on oath that the information in this statement is real.

Date.....

Signiature of legal representative .....

***1)**Data is calculated in accordance with art. 6 of Law 346/2004 as amended and supplemented.

*2) Data on annual average number of employees, annual net turnover and total assets are made in the last financial year reported in annual financial statements approved by shareholders. If start-ups, data on annual average of employees, net annual turnover and total assets are determined and declared at your own risk.

ANNEX 9.3a

Declaration on research organization's eligibility

Declare under sole responsibility that .....(full name of the organization)..... is not declared, under law, in default state and has no payments / accounts frozen under a court order.

Also, the unit is not guilty of:

- Inaccurate statements, regarding the information requested by the contracting authority to select contractors;
- In violation of the provisions of another serious financing agreement previously signed by the contracting authority.

Date:

Legal representative

Title:

Name and surname

Signiature

Stamp

ANNEX 9.3b

Declaration on enterprise's eligibility

- We certify, at our own risk, that .... (name of applicant) is not in difficulty, namely:
  a) if a limited liability company, which has a loss of more than half of the capital share and more than a quarter of the capital in the last 12 months;
  b) if a company in which at least a part of the debts of the entreprise partners bear unlimited and it appears that it is lost more than half of its capital, as shown in the company's accouting records, and more than a quarter of the capital in the past 12 months;
  c) for enterprises of any legal form, it appears that the company meets the conditions laid down in national legislation on insolvency proceedings;
- We certify, at our own risk, that ..... (name of the applicant) was not the object of a recovery order following a previous Commission decision declaring the European State aid as illegal and incompatible with the common market or, if they have been subject to such decisions, this has already been executed and the aid was fully recovered, including interest related recovery.

Date:

Legal representative	Title:
	Name and surname
	Signiature/stamp
Project manager/Responsible of partner	Name and surname
	Signiature/stamp

ANNEX 9.4

Declaration to certify the stimulating effect

I/the undersigned ……. *(name and surname of legal representative),* as …… *(title of legal representative)* of ……..…….*(name of applicant),* declare under sole responsibility that the activities and expenditures proposed for financing unde the project entitled „....." submitted within PCCA 2011, were not started before the proje ct submission at UEFISCDI.

This declaration is at our own risk, under penalties of false in public documents.

Date:

Legal representative	Title
	Name and surname
	Signiature/Stamp
Project manager/Responsible of partner	Name and surname Signiature/stamp

ANNEX 9.5

Types of eligible RDI activities in the State aid scheme for PCCA

Activity code	Activities	PCCA
	A – Research and Development Activites	
A.1	**Fundamental research**	**X**
A.1.1	Formulation and verification of hypotheses	X
A.1.2	Development of conceptual models and theories	X
A.2	**Industrial research**	**X**
A.2.1	Studies, analysis	X
A.2.2	Development of experimental model / new solution for the product / method /system / technology / service, etc.	X
A.2.3	Development of functional design documentation	X
A.2.4	Experimental model design / functional laboratory technology	X
A.2.5	Creating experimental model, functional model, laboratory technology, experimental model. Experimental model and functional model simulation	X
A.2.6	Experimentation model / proposed solution	X
A.2.7	Demonstration of functionality and utility model	X
A. 3	**Experimental development**	**X**
A.3.1	Design and development of documentation for technical and economic analysis	X
A.3.2	Development / finalization referential (technical specifications, etc.)	X
A.3.3	Develop technical documentation of product / technology / method / system / service, etc.	X
A.3.4	Design prototype / pilot plan (or equivalent)	X
A.3.5	Making the product / prototype / pilot plan / technology / method / system / service	X
A.3.6	Experimentation and verification of product / prototype / pilot plan / technology /method / system / service	X
	B – FEASIBILITY STUDIES	
B.1	Technical feasibility studies (for industrial research)	X
B.2	Technical feasibility studies (for experimental development)	X
	C – PROTECTING INTELLECTUAL PROPERTY RIGHTS	
C.1	Protecting industrial property rights (for fundamental research)	X
C.2	Protecting industrial property rights (for industrial research)	X
C.3	Protecting industrial property rights (for experimental development)	X

ANNEX 10 – Statement on not/financing from other sources

We declare under sole responsibily that the activities and work of the project entitled: "....." submitted to the PCCA competition organized by UEFISCDI are not and were not funded from other budgetary sources.

Date

Legal representative	Title
	Name and surname
	Signiature/Stamp
Project manager	Name and surname
	Signiature

ANNEX 11 – Statement on the validation of criterion 8 from eligibility criteria

MAIN SUPPLY OF PRODUCTS/SERVICES/TECHNOLOGIES IN LAST 5 YEARS

I....., authorized representative of .....address ....., declare based on thier own liability under the sanctions applied by false public documents (article 292 of Criminal Code), the data presented in the attached tabel are real.

I ..... declare that the sales reported by the attached table incorporates total/partial intellectual property .....that we developed. I attach attach to this, the proof of creation of intellectual property law.I …….. declare that the sold product / service / technology was built total /partial on intellectual property rights ..... as follows:

…….

I declare that the information provided is complete and correct in every detail and I understand that the contracting authority has the right to ask for verification and confirmation of declarations, statements and documents accompanying the proposal, any additional information to verify data in this statement. The undersigned hereby authorize any institution, company, bank, other legal persons to provide information to UEFISCDI's authorized representatives, located in Str. Mendeleev. 21-25, Bucharest, on any financial and technical issues related to our work.

Main table delivery - 1

Nr. crt.	Contract	Patent / industrial design / utility model / application software that underlies the contract object	Name/name of beneficiary /Address	Total price of the contract	Quantitu (M.U.)	The period of the contract
1.						

Note: If retail sales, it will be completed in Table 2.

Main table delivery - 2

Nr. crt.	Identity of bill (no, date)	Patent / industrial design / utility model / embedded software application	The sum of sales for product / service / technology	Quantity (M.U.)	Reporting period
1.					

Legal representative	Title
	Name and surname
	Signiature/Stamp
Project manager	Name and surname
	Signiature