

CALL FOR PROPOSALS - FINANCIADORA DE ESTUDOS E PROJETOS (FINEP) AND
VINNOVA - COOPERAÇÃO ICT-EMPRESA – 08/2016

INTERNATIONAL CONSORTIUM
JOINT PROJECT PLAN

1. GENERAL INFORMATION

Area of knowledge

Indicate, considering the topics covered in the 3rd Section of the Call for Proposals, the area of knowledge that best suits the objectives of the Joint Project Plan.

TITLE OF THE JOINT PROJECT PLAN (International Consortium)

2. Specific Data

2.1 Execution period

2.2 General Objective (Object of the Proposal)

Describe in general terms the strategic objective of the Joint Project Plan.

2.3 Justification

Justify the proposed objective, considering its adherence to the areas of knowledge outlined in this Call for Proposals.

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2.4 Characterization of the proposal and description of products and solutions to be developed

Describe in detail what the International Consortium intends to develop throughout the Joint Project Plan and what products and / or solutions the Consortium expects to obtain. If suitable, describe the subprojects involved.

2.5 Technological risks and other risks involved

Indicate the technological risks involved in the development of the Joint Project Plan.

Describe the challenges and the risks to the success of the object. Furthermore, indicate which solutions and/or mitigations are proposed to overcome such difficulties and which challenges (if any) require prior investigation before outlining the best solution.

Finally, inform other expected risks along with their proposed solutions and/or mitigations.

2.6 Methodology for the Development of the Joint Project Plan

Present the technological development strategy, describing the activities required for such development.

Describe in detail the methodology to be employed by each member in the Joint Project Plan and how the integration between the parties will occur.

Indicate the stage of development of each participating institution (companies and STI institutions), considering the execution of the Joint Project Plan and the obtaining of financial resources.

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2.7 Role definition of each participant

Describe and qualify each participant individually. For each member, underline the partnerships with companies, STI institutions and other organizations and consultants, whether in Brazil or abroad, that will be used throughout the project

If applicable, provide information on previous partnerships and their current stages.

Comment on how essential is the partnership in order to achieve the proposed objectives and the technological development activities that will be carried out by each institution.

2.8 Evaluation, certification and validation activities necessary for the marketing of the developed products and/or solutions

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2.9 Project Execution Schedule

Use the first level to inform the goals (1, 2, 3 ...) and the second level to inform the activities related to each Goal (1.1, 1.2, 1.3 ...), according to numbering indicated in the example below.

Goals and Activities	Reponsible (*)	Milestones or evidences of execution	Expected length	
			Start date	End date
1				
1.1				
1.2				
...				
2				
2.1				
...				

(*) Indicate only one responsible for each goal/activity. If more than one participant exists, repeat the goal / activity in the following line.

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2.10 Execution Team

Name	CPF	Academic qualification (Institution / Country / Year)	Area of expertise	Institution	Role of the professional in the project	Hours / Week	Financing (**)	Expected length		Own institution team (Y/N) (***)
								Start date	End date	
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
...										
...										
...										

(*) For example: General Coordinator, Researcher, Technical Support, Administrative Support

(**) Indicate whether the costs will be supported by Finep or Vinnova, covered by the co-financing institution (offered as financial counterpart) or related to other financial contributions (external fundings)

(***) Indicate whether the professional is a member of the main STI Institution (implementing organization) or not

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2.11 Estimated Total Budget								
Use the goals listed in the Project Execution Schedule (topic 2.9). Format the columns according to the institutions involved in the Joint Project Plan.								
GOALS	PARTICIPATING INSTITUTIONS							
	Brazil (R\$)					Sweden (SEK)		
	Proponent Institution	Main STI Institution (Implementing organization)	Co-executing STI Institution	Main Co-financing Institution	Secondary Co-financing Institution	Main Company	Secondary Company	STI Institution
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
Amount per institution (Year 1)								
Amount per institution (Year 2)								
Total amount of the project (per institution)								
Amount of the Project (year 1)		Reais (R\$):				Swedish krona (SEK):		
Amount of the Project (year 2)		Reais (R\$):				Swedish krona (SEK):		
Total Amount of the project		Reais (R\$):				Swedish krona (SEK)		

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2.11.1 Non-refundable resources

Format the columns according to the institutions involved in the Joint Project Plan.

REQUESTED RESOURCES	PARTICIPATING INSTITUTIONS							
	Brazil (R\$)					Sweden (SEK)		
	Proponent Institution	Main STI Institution (Implementing organization)	Co-executing STI Institution	Main Co-financing Institution	Secondary Co-financing Institution	Main company	Secondary Company	STI Institution
Amount per institution (Year 1)								
Amount per institution (Year 2)								
Total amount (per institution)								
Amount of requested resources (Year 1)	Reais (R\$):					Swedish krona (SEK):		
Amount of requested resources (Year 2)	Reais (R\$):					Swedish krona (SEK):		
Total amount requested	Reais (R\$):					Swedish krona (SEK):		

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2.11.2 Financial Counterpart

Format the columns according to the institutions involved in the Joint Project Plan.

Financial Counterpart	PARTICIPATING INSTITUTIONS							
	Brazil (R\$)					Sweden (SEK)		
	Proponent Institution	Main STI Institution (Implementing organization)	Co-executing STI Institution	Main Co-financing Institution	Secondary Co-financing Institution	Main Company	Secondary Company	STI Institution
Amount per institution (Year 1)								
Amount per institution (Year 2)								
Financial Counterpart per Institution (total amount)								
Amount of Financial Counterpart (Year 1)	Reais (R\$):					Swedish krona (SEK):		
Amount of Financial Counterpart (Year 2)	Reais (R\$):					Swedish krona (SEK):		
Financial Counterpart (total amount)	Reais (R\$):					Swedish krona (SEK):		

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2.11.3 Other contributions

Non-financial counterpart and other contributions without need of financial proof. Format the columns according to the institutions involved in the Join Project Plan.

Other contributions	PARTICIPATING INSTITUTIONS							
	Brazil (R\$)					Sweden (SEK)		
	Proponent Institution	Main STI Institution (Implementing organization)	Co-executing STI Institution	Main Co-financing Institution	Secondary Co-financing Institution	Main company	Secondary Company	STI Institution
Amount per institution (Year 1)								
Amount per institution (Year 2)								
Total Amount per institution								
Amount of other contributions (Year 1)	Reais (R\$):					Swedish krona (SEK):		
Amount of other contributions (Year 2)	Reais (R\$):					Swedish krona (SEK):		
Other contributions (total)	Reais (R\$):					Swedish krona (SEK):		

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2.11.4 Annual Disbursement Schedule (Finep and Vinnova)

Headings		Institution			
		Finep (R\$)		Vinnova (SEK)	
		Year 1	Year 2	Year 1	Year 2
1	<u>CURRENT EXPENSES</u>				
1.1	Personnel Costs (wages and salaries, training expenses, social security charges)				
1.2	Tickets and daily expenses				
1.3	Bulk material				
1.4	Third-party and Consulting Services				
2	<u>CAPITAL EXPENSES</u>				
2.1	Construction Works and facility expenses				
2.2	Equipments and Permanent Material				
Amount requested (total)					
Finep – total (R\$)			Vinnova – total (SEK)		

2.11.5 Financial Counterpart - Annual Disbursement Schedule

Headings		Institution	
		Brazilian Co-financing Institution	
		Year 1	Year 2
1	<u>CURRENT EXPENSES</u>		
1.1	Personnel Costs (wages and salaries, training expenses, social security charges)		
1.2	Tickets and daily expenses		
1.3	Bulk material		
1.4	Third-party and Consulting Services		
2	<u>CAPITAL EXPENSES</u>		
2.1	Construction Works and facility expenses		
2.2	Equipments and Permanent Material		
Total Amount			

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Indicate, in Reais or Swedish krona, the amount of resources that the company estimates to claim in the public call for the implementation of the project. In addition, indicate whether the company already benefits from other financial supports for the implementation of the project. If so, indicate the stage of development. Describe the composition of the financial contributions and other expected contributions, including the supporting institutions.

2.12 Outcomes

Try to answer the following questions:

- What needs will be met by the results of the project?
- What are the differences between the results of the project and the solutions already available in the Market?
- Comments on industrial protection (Are there any restrictions?). Can the project results be patented? How will the knowledge acquired through the execution of the project be protected?
- What is the degree of innovation intended? (Innovation for companies, innovation for the market, worldwide innovation)?
- What are the possible results that the company intends to achieve in terms of: expansion of qualified jobs, total investment in R & D, launch of new products or services, reduction of manufacturing costs, flexibility of production, increase of revenues, others.

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2.13 Market

Describe the target market and the expected participation of the company (from each of the companies, especially the Brazilian company), informing the adherence to priority programs / projects of the federal government. In addition, indicate whether there is potential export from Brazil.

- What is the target market for the new product, process or service?
- What is the role of each organization in its commercial exploitation?
- What are the competitive advantages expected for each partner?
- How will competitive disadvantages be overcome?
- How will the project result be effectively implemented and what is the estimated investment for this?
- What are the strategies to compete in the target market?

2.14 Externalities

Describe in detail and highlight the following aspects of the proposal with regard to their externalities

A. Diffusion of knowledge of technologies generated in the Joint Project Plan:

- Regarding the diffusion of technology and the knowledge generated in the Joint Project Plan, given its complexity, access: the availability the scientific output for individuals / companies; the technology compatibility with pre-existing systems; the capability of the technology to be observable by clients and Competing technologies; the testability of the technology and its significant advantages over competing technologies.

B. Local technological absorption:

- What are the mechanisms for effective absorption and internalization of technologies? (Intellectual property, development of new R, D & I infrastructures outside the company, qualification of own or third party personnel);
- Does the project involve the development of new competencies and capabilities at the organization level and/or for its partners and other agents of the productive chain? If so, highlight them.
- Can the technology or part of its development be leveraged by other sectors? If so, indicate how? What are the potential benefits?

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C. Strengthening of productive chains (Integration with local and / or international production chains with a scale suitable for the project):

- How does the proposal favor the strengthening of the production chain as a whole, considering both upstream and downstream activities?

D. Social Impacts:

- What are the social externalities of the proposal, considering the generation of income, employment, distribution and access to better products that impact on people's quality of life?

E. Environmental impacts:

- What are the environmental externalities of the proposal considering the preservation of nature, reduction of emissions, economicity and the reuse of resources?

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2.15 Final comments

Use this space to present additional significant information or general comments

2.16 Publishable Abstract

Use this space to present significant information that Finep could disclosure/make public