



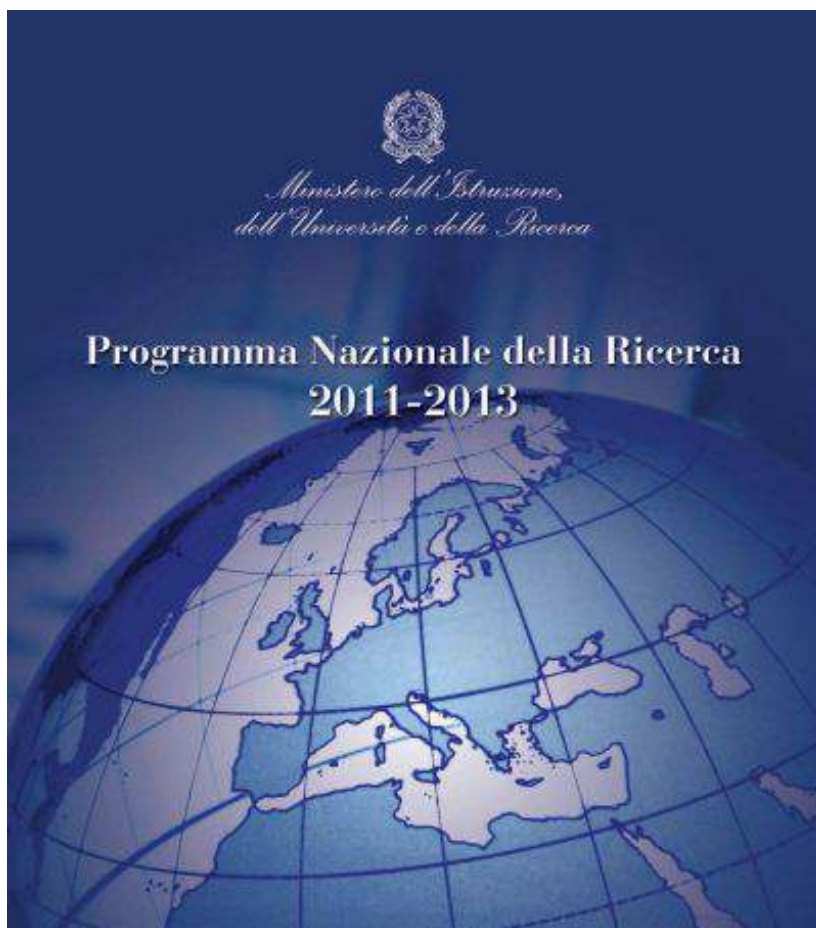
Consiglio Nazionale delle Ricerche



**Progetto Bandiera**  
**“La Fabbrica del Futuro**  
**Piattaforma Manifatturiera Nazionale”**

**Sottoprogetto 1**  
**Annex B**  
**Format for Project Proposals**

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## 1. General Information

### 1.1. Cover Page

Proposal full title:

Proposal acronym:

Title of the *Call Topic* the proposal aims to answer:

Code of the *Call Topic* the proposal aims to answer:

ERC sectors of reference:

Name of the coordinating Institute:

Director of the coordinating Institute:

Address of the coordinating Institute:

E-mail address of the Director of the coordinating Institute (PEC-Posta Elettronica Certificata)<sup>1</sup>:

Name of the scientific project coordinator:

E-mail address of the scientific project coordinator:

### 1.2. List of partners

No.	Name of CNR institute	Postal address of CNR institute	Name of the scientific responsible	E-mail address of the scientific responsible
P1				
P2				
P3				

### 1.3. Industrial interest group

Besides the list of research institutes proposers must list the composition of the industrial group interested in the project. Each company will have to submit a letter of intent signed by the company responsible person.

No.	Name of the industrial interest group member	Postal address	Name of contact person	E-mail address of contact person
I1				
I2				
I3				

### 1.4. Project abstract (maximum 1000 characters including spaces)

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<sup>1</sup> This e-mail address will be used for all official communications related to the project.

## **2. Project description**

### **2.1. Concept and objectives**

Explain the concept of your project. What are the main ideas that led you to propose this work?

Describe in detail the Scientific and Technological (S&T) objectives. Show how they relate to the topics addressed by the *Call Topic*, which you should explicitly identify. The objectives should be those achievable within the project, not through subsequent development, and should be stated in a measurable and verifiable form.

*(Maximum length for Section 2.1. - 2 pages).*

### **2.2. Progress beyond the state-of-the-art**

Describe the state-of-the-art in the addressed area and the advance that the proposed project would bring about. If applicable, refer to the results of any patent search you might have carried out.

*(Maximum length for Section 2.2. - 2 pages).*

### **2.3. S/T methodology and associated work plan**

A detailed work plan should be presented, broken down into work packages (WPs) which should follow the logical phases of the implementation of the project, and assessment of progress and results. (Please note that your overall approach to management will be described later, in Section 3).

Please present your plan as follows:

- i) Describe the overall strategy of the work plan and a graph addressing the WP interdependencies (maximum length - 1 page).
- ii) Show the timing of the different WPs and their components (Gantt chart)
- iii) Provide a detailed work description broken down into work packages (maximum length for each WP - 1 page) together with:
  - Deliverables list (please use Table 2.3a)
  - Description of each work package (please use Table 2.3b)
  - Summary effort table (please use Table 2.3c)

Project proposals should foresee separate WPs for the first and second year, leading to tangible and identifiable results at the end of the year. A work package can belong to the following admissible typologies: management, research and technology development (RTD), demonstration, and dissemination and exploitation.

*(Maximum length of Section 2 - 20 pages including the Gantt chart under 2.3 ii) and the tables 2.3a- c.)*

### **3. Partnership**

#### **3.1. Individual partners**

For each partner in the 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 staff members who will be undertaking the work.

*(Maximum length for Section 3.1. - 1 page for each partner).*

#### **3.2. Partnership as a whole**

Describe how the partners collectively constitute a partnership capable of achieving the project objectives, and how they are suited and are committed to the tasks assigned to them. Show how the partners are complementary between each other. Explain how the composition of the partnership is well-balanced in relation to the objectives of the project.

*(Maximum length for Section 3.2. - 1 page).*

#### **3.3. Resources to be committed**

Describe how the totality of the necessary resources will be mobilised, including any resources that will complement the funding received from Progetto Bandiera “La Fabbrica del Futuro”. Show how the resources will be integrated in a coherent way, and describe how the overall financial plan for the project is adequate. Fill in the following two tables for Year-1 and Year-2.

*(Maximum length for Section 3.3. – 1 page excluding tables)*

Items of expenditure		Limits on total project costs <sup>2</sup>	Budget for Year-1 (for each partner)			Total costs per item	Percentage on total project cost
			P1	P2	...		
Staff costs <sup>3</sup>	Permanent staff <sup>4</sup>	min 40%					
	Fixed-term staff <sup>5</sup>	max 10%					
Training costs and scholarship <sup>6</sup>							
Overhead <sup>7</sup>		max 20%					
Equipment, devices and software products costs <sup>8</sup>							
Travel costs <sup>9</sup>							
Scientific consulting costs <sup>10</sup>							
Other services provided by third party <sup>11</sup>							
Dissemination costs <sup>12</sup>							
Yearly project conference participation costs <sup>13</sup>		min 1%					
Other costs <sup>14</sup>							
Market research and industrial planning costs <sup>15</sup>							
<b>TOTAL COSTS</b>							

<sup>2</sup> Please see Section 10 of document "Bando di invito a presentare progetti di ricerca industriale e sviluppo sperimentale nell'ambito del Sottoprogetto 1".

<sup>3</sup> Spese di personale.

<sup>4</sup> Personale dipendente a tempo indeterminato.

<sup>5</sup> Personale dipendente a tempo determinato.

<sup>6</sup> Spese di formazione tra cui i costi di assegni di ricerca, dottorati di ricerca e borse di studio.

<sup>7</sup> Spese generali.

<sup>8</sup> Attrezzature, strumentazioni e prodotti software.

<sup>9</sup> Stage e missioni in Italia e all'estero.

<sup>10</sup> Consulenze scientifiche

<sup>11</sup> Altre prestazioni di terzi.

<sup>12</sup> Spese di pubblicizzazione.

<sup>13</sup> Spese per la partecipazione alle tre conferenze annuali del Progetto Bandiera "La Fabbrica del Futuro".

<sup>14</sup> Altri costi funzionali al progetto.

<sup>15</sup> Studi di mercato, piani industriali, piani di sviluppo e/o potenziamento.

Items of expenditure		Limits on total project costs <sup>16</sup>	Budget for Year-2 (for each partner)			Total costs per item	Percentage on total project cost
			P1	P2	...		
Staff costs <sup>17</sup>	Permanent staff <sup>18</sup>	min 40%					
	Fixed-term staff <sup>19</sup>	max 10%					
Training costs and scholarship <sup>20</sup>							
Overhead <sup>21</sup>		max 20%					
Equipment, devices and software products costs <sup>22</sup>							
Travel costs <sup>23</sup>							
Scientific consulting costs <sup>24</sup>							
Other services provided by third party <sup>25</sup>							
Dissemination costs <sup>26</sup>							
Yearly project conference participation costs <sup>27</sup>		min 1%					
Other costs <sup>28</sup>							
Market research and industrial planning costs <sup>29</sup>							
<b>TOTAL COSTS</b>							

<sup>16</sup> Please see Section 10 of document "Bando di invito a presentare progetti di ricerca industriale e sviluppo sperimentale nell'ambito del Sottoprogetto 1".

<sup>17</sup> Spese di personale.

<sup>18</sup> Personale dipendente a tempo indeterminato.

<sup>19</sup> Personale dipendente a tempo determinato.

<sup>20</sup> Spese di formazione tra cui i costi di assegni di ricerca, dottorati di ricerca e borse di studio.

<sup>21</sup> Spese generali.

<sup>22</sup> Attrezzature, strumentazioni e prodotti software.

<sup>23</sup> Stage e missioni in Italia e all'estero.

<sup>24</sup> Consulenze scientifiche

<sup>25</sup> Altre prestazioni di terzi.

<sup>26</sup> Spese di pubblicizzazione.

<sup>27</sup> Spese per la partecipazione alle tre conferenze annuali del Progetto Bandiera "La Fabbrica del Futuro".

<sup>28</sup> Altri costi funzionali al progetto.

<sup>29</sup> Studi di mercato, piani industriali, piani di sviluppo e/o potenziamento.

## **4. Impact**

### **4.1. Expected impacts listed in the work programme**

Describe the expected impact of your project. Mention the steps that will be needed to bring about these impacts. Mention any assumptions and external factors that may determine whether the impacts will be achieved.

With regard to the innovation dimension, where appropriate, describe the potential areas and markets of application of the project results and the potential advantages of the resulting technologies/solutions compared to those that are available today.

### **4.2. Dissemination and/or exploitation of project results and management of intellectual property**

Describe the measures you propose for the dissemination and/or exploitation of project results, and how these will increase the impact of the project. In designing these measures, you should take into account a variety of communication means and target groups as appropriate (e.g. policy-makers, interest groups, media and the public at large).

The partners of the partnership must include in the dissemination activities described in the project proposal also the participation to the Annual Conference of the Progetto Bandiera “La Fabbrica del Futuro”.

With regard to the innovation dimension, where appropriate, describe the measures you propose to increase the likelihood of market uptake of project results, such as: verification, testing, and prototyping; supporting the development of technical standards; identifying and collaborating with potential users; identifying potential partners and sources of finance for commercialisation.

Describe also your plans for the management of knowledge (intellectual property) acquired in the course of the project.

*(Maximum length for the whole of Section 4 – 2 pages)*

## **5. Ethics Issues**

Describe any ethics issues that may arise in the project (if applicable).

*(Maximum length for the whole of Section 5 – 1 page)*

**Table 2.3a: Deliverables List**

Del. No <sup>1</sup>	Deliverable Name	WP No.	Nature <sup>2</sup>	Dissemination level <sup>3</sup>	Delivery date <sup>4</sup>

1 Deliverable number in order of delivery dates. Please use the numbering convention <WP number>.<number of deliverable within that WP>. For example, deliverable 4.2 would be the second deliverable from work package 4.

2 Please indicate the nature of the deliverable using one of the following codes:

R = Report

P = Prototype

D = Demonstrator

O = Other.

3 Please indicate the dissemination level using one of the following codes:

PU = Public

PP = Restricted to partners of the projects belonging to “La Fabbrica del Futuro”

RE = Restricted to a group specified by the partnership

CO = Confidential, only for members of the partnership.

4 Measured in months from the project start date (month 1). Project proposals should foresee separate WPs for the first and second year, leading to tangible and identifiable results at the end of the year. Delivery for the first year should take place within month 11.



**Table 2.3b: Work package description**

<b>Work package number</b>		<b>Start month</b>		<b>End month</b>	
<b>Project year 1 or 2<sup>1</sup></b>					
<b>Activity type<sup>2</sup></b>					
<b>Work package title</b>					
<b>Work package leader</b>					
<b>Partner number</b>					
<b>Partner short name</b>					

<b>Objectives:</b>

<b>Description of work (possibly broken down into tasks), and role of partners</b>

<b>Deliverables (brief description and specification of delivery date)<sup>1</sup></b>

1 Project proposals should foresee separate WPs for the first and second year, leading to tangible and identifiable results at the end of the year.

2 Please indicate one activity per work package:  
 RTD = Research and technological development  
 DEM = Demonstration  
 MGT = Management of the partnership  
 OTHER = Other specific activities, if applicable (including any activities to prepare for the dissemination and/or exploitation of project results, and coordination activities).

**Table 2.3c: Summary of staff effort**

A summary of the staff effort is useful for the evaluators. Please indicate in the table the number of person months over the whole duration of the planned work, for each work package, for each partner. Identify the work package leader for each WP by showing the relevant person-month figure in bold.

<b>Staff</b>							
<b>WP No</b>	<b>WP leader</b>	<b>P1</b>	<b>P2</b>	<b>P3</b>	<b>P4</b>	<b>..</b>	<b>Total person months</b>
1							
2							
3							
...							
<b>TOTAL</b>							