**Joint Project Description Form**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1. *The application form (including Section 7)* ***must not exceed******30 pages*** *and must be typed using the minimum font size of 10 with single spaced lines. Do not change the established formats of the tables. Explanations written in italics can be deleted.* 2. *Application form* ***must be prepared in English****.* 3. *Please complete all the sections* ***for all partners*** *involved in the project from different countries, including the partner(s) not requesting funding.* 4. *Keep in mind that for budget requested from NSFC, please fill out the form in Section 8, for budget requested from**TUBITAK, a separate document needs to be filled.* | | | | | |
| **Acronym of the project** | | |  | | | |
|  | | | | | | |
| **Full title of the project** | | |  | | | |
|  | | | | | | |
| **Related specific thematic area(s) of the call** | | | | | | |
|  | | | | | | |
| **Relevance regarding the topic of the call** | | | | |  |
| *Please describe how the project fits the scope of call (max. 1/2 page)* | | | | | | |
|  | |
| **Project Duration:** | |  | | months | | |

**Summary of the project** *(publishable abstract, max. 1 page):*

|  |
| --- |
| *Please describe the following aspects in separate paragraphs.*  *i) Scientific/Technological Excellence*  *ii) Methodology*  *iii) Project Management*  *iv) Importance of International Collaboration*  *v) Impact* |
| **Keywords:** |

**Type of project activity**

|  |
| --- |
| ***For NSFC:*** *The applicant should tick one of the four categories:* □creative and timely ideas; □focusing on the frontiers of science in unique ways; □ application-driven basic research; □transdisciplinary and convergent research.  ***For TUBITAK:*** *where it is situated in the spectrum from ‘idea to application’, or from ‘lab to market’. Refer to Technology Readiness Levels (TRLs)[[1]](#footnote-1) where relevant.* |

**Partners involved in the project**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Partner Number[[2]](#footnote-2)** | **Country** | **Full Name of Partner Organization** | **Organisation Type[[3]](#footnote-3)** | **Name of Principal Investigator (PI)[[4]](#footnote-4)** | **Project Cost[[5]](#footnote-5)** | **Requested Cost5, [[6]](#footnote-6)** |
| **1** |  |  |  |  |  |  |
| **2** |  |  |  |  |  |  |
| **3** |  |  |  |  |  |  |
| **Total** | | | | |  |  |

*Use as many lines as needed*

**Table of Contents :**

*Make sure that the page numbers are updated before the submission.*

[Section 1: Scientific/Technological Excellence 4](#_Toc10186164)

[1.1 Aims and Objectives of the Project 4](#_Toc10186165)

[1.2 State of the Art 4](#_Toc10186166)

[1.3 Scientific Quality, Innovation Potential and Contribution 4](#_Toc10186167)

[Section 2: Methodology 4](#_Toc10186168)

[Section 3: Project Management 5](#_Toc10186169)

[3.1 Work plan 5](#_Toc10186172)

[3.2 Work Packages 6](#_Toc10186173)

[3.3 Milestones, Success Criteria and Risk Analysis 7](#_Toc10186174)

[Section 4: Importance of International Collaboration 8](#_Toc10186175)

[4.1 Expertise and role of each partner 8](#_Toc10186176)

[4.2 Added value of the collaboration 8](#_Toc10186177)

[4.3 Description of significant facilities and infrastructure available to the partners 8](#_Toc10186178)

[4.4 Management of Intellectual Property 9](#_Toc10186179)

[Section 5: Impact 9](#_Toc10186180)

[5.1 Expected impacts 9](#_Toc10186181)

[5.2 Dissemination and exploitation of results 10](#_Toc10186182)

[Section 6: Ethical issues 10](#_Toc10186183)

[Section 7: References 10](#_Toc10186184)

[Section 8: BUDGET REQUESTED FROM NSFC 10](#_Toc10186184)

# Section 1: Scientific/Technological Excellence

## Aims and Objectives of the Project

*(~ 1-2 page)*

|  |
| --- |
| *Please describe the aims and scientific/technical objectives of the project in detail with clear and brief statements. The objectives should be measurable, realistic and achievable within the duration of the project.* |

## State of the Art

*(~ 1-2 page)*

|  |
| --- |
| *Please describe the current national and international state of the art in the domain addressed by the project (present a literature review including, if applicable, patent/utility model/market research relevant to the project). All necessary references should be given in Section 7.* |

## Scientific Quality, Innovation Potential and Contribution

*(~ 1-2 page)*

|  |
| --- |
| *Please describe the scientific quality and innovation potential of the project as well as its methodological/conceptual/theoretical contribution to the related scientific and technological area, highlighting the expected progress beyond the state of the art.* |

# Section 2: Methodology

*(~ 1-2 page)*

|  |
| --- |
| *Please explain the scientific and technological methodology and research techniques (including data collection techniques, tools and data analysis methods) to achieve the objectives of the project. Be specific and avoid general descriptions. Describe experience or preliminary results showing feasibility.* |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***WP No*** | ***WP Name*** |  | ***Year 1*** | | | | | | | | | | | ***Year 2*** | | | | | | | | | | | |
| ***1*** | ***2*** | ***3*** | ***4*** | ***5*** | ***6*** | ***7*** | ***8*** | ***9*** | ***10*** | ***11*** | ***12*** | ***13*** | ***14*** | ***15*** | ***16*** | ***17*** | ***18*** | ***19*** | ***20*** | ***21*** | ***22*** | ***23*** | ***24*** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

# Section 3: Project Management

## 3.1 Work plan

*(~ 2-3 page)*

|  |
| --- |
| *Provide a work-time schedule using the following Gantt chart. A graphical presentation (Pert chart or similar) which shows inter-relations of different work packages (WPs) is also expected. Literature review, preparation of progress and final reports, dissemination activities, writing articles and purchasing of any material to be used during the project should not be a separate WP.*  *Describe the organizational structure, the management structure and the decision-making.* |

***Work-Time Schedule (Gantt chart)***

*Use as many rows and columns as needed*

## 3.2 Work Packages*[[7]](#footnote-7)[[8]](#footnote-8)*

*Provide a description of each work package (templates provided).*

(*Up to 1 page per WP*)

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **WP 1** | | **WP Title** | | | | | | **Start Date** | **End Date** | | **Duration (months)** |
|  | | | | | |  |  | |  |
| **Contribution of project partners** | | | | | | | | | | | |
| Partner number7 | | | | 1 | | 2 | 3 | | | 4 | |
| Total effort per partner (Person-months)8 | | | |  | |  |  | | |  | |
| **Objectives** | | | | | | | | | | | |
| *Please provide a general description of the work to be undertaken (including methods to be applied where appropriate), identify the partners involved and specify their contributions.* | | | | | | | | | | | |
| **Interdependence with Other Work Packages** | | | | | | | | | | | |
| *Please describe the interdependencies between the present work package with other work packages.* | | | | | | | | | | | |
| **Tasks** | | | | | | | | | | | |
| **T1.1** | **Task title (Start month – end month; Responsible partner; Involved partner(s))**  Description of work and role of participant | | | | | | | | | | |
| **T1.2** | **Task title (Start month – end month; Responsible partner; Involved partner(s))**  Description of work and role of participant  Add as many lines as needed | | | | | | | | | | |
| **Deliverable** | | | **Month of delivery** | | **Title of deliverable** | | | | | | |
| **D1.1** | | |  | |  | | | | | | |
| **D1.2** | | |  | |  | | | | | | |
|  | | |  | | *Add as many lines as needed* | | | | | | |

*Use as many WP templates as needed*

**Work package overview: Total effort per WP and partner (Person-months)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Partner Number** | **WP1** | **WP2** | **WP3** | **WP4** | **WP5** | **WP6** | **Total** |
| **1** |  |  |  |  |  |  |  |
| **2** |  |  |  |  |  |  |  |
| **3** |  |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |  |

*Use as many lines and columns as needed*

## 3.3 Milestones, Success Criteria and Risk Analysis

*(~ 1-2 pages)*

*Please provide a list of milestones, success criteria and potential risks (templates provided).*

**List of milestones**

|  |  |  |  |
| --- | --- | --- | --- |
| **Milestone** | **Delivery month** | **WP involved** | **Title** |
| **M1** |  |  |  |
| **M2** |  |  |  |
| **M3** |  |  |  |

*Use as many lines as needed, but try to limit the number of milestones*

**Success Criteria**

*The success criterion describes the criterion for each WP to be considered successful. The success criteria should be measurable and monitorable.*

|  |  |  |  |
| --- | --- | --- | --- |
| **WP** | **Objective of WP** | **Success Criteria**  **(%, number, statement etc.)** | **Importance of the WP for the Success of the Project (%)** |
| **WP1** |  |  |  |
| **WP2** |  |  |  |
| **WP3** |  |  |  |

*Use as many lines and columns as needed*

*The sum of percentages in the “Importance of the WP for Success of the Project” column should be 100.*

**Risk analysis**

*The risks that can affect the success of the project negatively, their potential impacts and corresponding mitigation plans should be described. Risk Reduction Plan should be in line with the main objectives of project.*

|  |  |  |  |
| --- | --- | --- | --- |
| **Risk description** | **Probability[[9]](#footnote-9)** | **Impact** | **Risk Reduction Plan** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

# Section 4: Importance of International Collaboration

## 4.1 Expertise and role of each partner

*Describe each partner in the project by using the template below.*

*(max. 1 page per partner)*

|  |  |
| --- | --- |
| **Partner n (1,2,3 etc.)** | **Organisation Full name** |
|  |  |
| **Expertise** | |
| *Expertise of the* ***partner’s project team*** *related to the objectives of the project.*  *Provide a brief CV of the principal investigator highlighting research experience and list the 5 most important publications of the last three years.* | |
| **Role in project** | |
|  | |

*Use as many templates as needed*

## 4.2 Added value of the collaboration

*(~ 1 page)*

|  |
| --- |
| * *How the partners complement one another in terms of necessary expertise, technology and other resources? Describe the added value of the consortium as a whole (including complementarity, balance).* * *Please explain the necessity and importance of implementing the project with international collaboration.* * *If the technology transfer between the partners is foreseen, please explain how it will be accomplished.* |

## 4.3 Description of significant facilities and infrastructure available to the partners

*(~ 1 page)*

* *Please list the facilities/infrastructure (laboratories, testing environment, equipment, software etc.) of each partner and their purpose of use in the project.*
* *For the Turkish applicants, for projects aiming new product development, please specify the sufficiency of relevant partners’ infrastructure for new product development and design.*

|  |  |  |
| --- | --- | --- |
| **Partner Number** | **Description of facilities/infrastructure** | **Purpose of Use During the Project** |
| **1** |  |  |
| **2** |  |  |
| **3** |  |  |

*Use as many lines as needed*

## 4.4 Management of Intellectual Property

*(~ ½ page)*

|  |
| --- |
| * *Please specify the project output(s) which might be subject to registration of patent, utility model and industrial design.* * *Describe the management of intellectual property rights (A global consortium agreement is strongly recommended to be prepared to manage the intellectual property rights, publication and exploitation plans, as well as management rules between the partners).* |

# Section 5: Impact

## 5.1 Expected impacts

*(~ 1-2 page)*

*Describe the expected impact(s) of the project in relation to the project objectives using the template below. Wherever possible, use quantified indicators and targets.*

|  |  |
| --- | --- |
| **Type of impact** | **Expected Output, Results and Impacts** |
| **Scientific/Academic**  (Article, Proceeding, Part of a book, Book) |  |
| **Economic/Commercial/Social/Environmental**  (Product, Prototype, Patent, Utility model, Production license, Process Improvement, Variety registry, Spin-off/Start-up company, Audiovisual archive, Inventory / Database / Documentation Production, Work that can be copyrighted, Presented in media, Fair, Project market, Scientific activity (workshop, training where the results of the projects to be used), social impact, environmental impact and other common effects),  For the Turkish applicants, for the projects aiming new product development, please also answer the following questions;   * Describe the added value that the project will provide and the contribution of the project output(s) to partner(s)’ efficiency and competitiveness. * Explain the commercialization potential and domestic/international market share of project output(s) including a brief comparison with other potentially competing products or services and its possibility to replace an imported product. * Provide a clear and realistic commercialization plan of project output(s) including the following information:   - Time to market (where relevant)  - Increase in sales rate  - Increase in market share  - Breakeven point |  |
| **Researcher Training and Creating New Project(s)**  (Graduate thesis, National/International new project) |  |

## 5.2 Dissemination and exploitation of results

*(~ ½ page)*

*Please state the program of dissemination and exploitation activities (seminar organization, congress presentations, public sector oriented conferences, business plan and others, etc.), excluding specialized publications, planned during the project development. Please clearly explain where and when these activities will be performed.*

|  |  |  |
| --- | --- | --- |
| **Type of Activity** | **Stakeholders and Potential Users** | **Location, Time and Duration of the Activity** |
|  |  |  |

*Use as many lines as needed*

# Section 6: Ethical issues

*(~ ½ page)*

|  |
| --- |
| *Describe any potential ethical issue that may arise during execution of the project.*  *Describe your strategies to be followed to reduce ethical risk.* |

# Section 7: References

|  |
| --- |
| *Each reference must include the names of all authors, article/journal/book title, volume number, page numbers and year of publication. If the document is available electronically, the website address should also be shared.* |

# Section 8: Budget requested from NSFC

*Please note that the table must be identical to the budget table available in the NSFC system*

|  |  |
| --- | --- |
| **Cost item** | **Total, RMB** |
| Total Direct costs | 0,00 |
| 1. Equipment: | 0,00 |
| 1. Purchase | 0,00 |
| 1. Trial-manufacture | 0,00 |
| 1. Rental or transformation | 0,00 |
| 2. Materials & consumable | 0,00 |
| 1. Test /calculation /analysis | 0,00 |
| 1. Power consumption | 0,00 |
| 1. Travel /workshop /international collaboration | 0,00 |
| 1. Publication /dissemination /intellectual property | 0,00 |
| 1. Allowance for PhD students, Post-docs and research assistants | 0,00 |
| 1. Consulting fee | 0,00 |
| 1. Other costs | 0,00 |

**Specification and justification of funds requested.**

*You can apply for the following cost items: Direct costs (equipment: purchase, trial-manufacture, rental or transformation; materials & consumable, test /calculation /analysis, power consumption, travel /workshop /international collaboration; publication /dissemination /intellectual property; allowance for PhD students, Post-docs and research assistants; consulting fee; other costs).* ***Applicants need to justify all costs requested.***

1. [*http://ec.europa.eu/research/participants/data/ref/h2020/wp/2014\_2015/annexes/h2020-wp1415-annex-g-trl\_en.pdf*](http://ec.europa.eu/research/participants/data/ref/h2020/wp/2014_2015/annexes/h2020-wp1415-annex-g-trl_en.pdf) [↑](#footnote-ref-1)
2. Please only list the partners of the project. The co-investigator(s) working under the team of principal investigator should not be listed as a partner. [↑](#footnote-ref-2)
3. HE-University, RC-Research Center, SME-Small Medium sized Enterprise, LC-Large Company, Others (according to national rules). [↑](#footnote-ref-3)
4. **Bold** the leading principal investigator (LPI) and underline the project coordinator, if relevant. [↑](#footnote-ref-4)
5. Please indicate the currency. [↑](#footnote-ref-5)
6. Requested Cost = Project Cost x Funding Rate (as in call announcement). [↑](#footnote-ref-6)
7. Partner numbers should be consistent with those assigned on the first page of the form. **Bold** the partner number of the work package leader. [↑](#footnote-ref-7)
8. “Person-month” is the metric for expressing the effort that a person devotes to the project. To calculate person-month, multiply the percentage of working time by number of months. For example, if a person allocates %50 of his/her working time for the project activities for 10 months, then his/her contribution in terms of person-month will be 0,5 x 10 = 5 person-month. The total effort per partner in each WP is the sum of person-months of all project personnel involving in that WP. [↑](#footnote-ref-8)
9. *Rate as low, medium or high.* [↑](#footnote-ref-9)