**附件2 英文申请书模板**

2.1 通用英文申请书模板

**Sustainable Development International Cooperation Program APPLICATION FORM**

1. **Title of the Joint Research Project**
2. **Key words (off by comma)**
3. **Period of the Joint Research Project**

*January 1, 2023 to December 21, 2025*.

1. **Project types**

*[ ]* Capacity-building project

[ ] Key project

1. **Research Area**

[ ] Evolution of structure, composition and functions of critical zones for typical Surface-Earth systems

[ ] Interconnections between water, food, and ecosystem security

[ ] Ecological approaches to achieve carbon neutrality

[ ] Global changes and environmental disaster risks in “silk road” economic zones

[ ] “Environment-society” big data platform and development pathway optimization strategy in typical regions of China and the World

Research areas in the program annex (for NSFC-IIASA, NSFC- FAPESP program)：

1. **Publishable Project Abstract**
2. **Applicant Information**
	1. **Chinese PI**

|  |  |
| --- | --- |
| Name: |  |
| Degree: |  |
| ID number: |  |
| Academic Title: |  |
| Institution: |  |
| Address: |  |
| E-mail: |  |
| Tel.: |  |
| On-going Projects (grant number, project name, starting/closing dates, funding agency and role in the project): |  |
| Main Scientific Publications in the last five years related to the application (up to 5): |  |

* 1. **Other Members in the Chinese Research Team**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| No. | Name  | ID Number | Gender | Institution  | Title/Position | Expertise and Role in Project |
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* 1. **Overseas Co-applicant**

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| --- | --- |
| Name: |  |
| Degree: |  |
| Academic Title: |  |
| Institution: |  |
| Address: |  |
| E-mail: |  |
| Expertise: |  |
| Main Scientific Publications (up to 5) in the last five years related to the application: |  |

* 1. **Other international research partners**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No. | Name  | Gender | Institution  | Title(s)/Position | Expertise and Role in Project |
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1. **Project Description**
	* *Project objectives and scientific issues targeted*
		+ *Relevance regarding the topic of the call*
		+ *State of the art (current level of technology/knowledge) and research gap*
		+ *Merits and significance of the proposed joint research*
	* *Work program*
		+ *Overall strategy, methodologies and key activities*
		+ *Work packages and timing*
		+ *Deliverables and milestones*
		+ *Project coordination and management*
	* *Added value of international cooperation (description of the existing collaboration, the necessity of proposed collaboration, and collaborative arrangements defining general responsibilities and tasks assigned to each side in order to realize the project goals, i.e., what are the unique strengths and skills that each side bring to the project and the added value)*
2. **Networking activity plan**

*Description of network activities to establish and facilitate sustainable and collaborative relationships between Chinese and overseas research community.*

1. **Budget Estimation**
2. **Chinese Side:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Year20 | Year20 | Year20 | **Total** |
| Research Cost |  |  |  |  |
| Equipment/Instruments |  |  |  |  |
| Seminar/Workshop Costs |  |  |  |  |
| Cooperation andExchanges |  |  |  |  |
| Others\* |  |  |  |  |
| **Total** |  |  |  |  |

\* Please specify:

Total Amount from Other Sources:

1. **Cooperative Side:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Year20 | Year20 | Year20 | **Total** |
| Research Cost |  |  |  |  |
| Equipment/Instruments |  |  |  |  |
| Seminar/Workshop Costs |  |  |  |  |
| Cooperation and Exchanges |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Others\* |  |  |  |  |  |  |
| **Total** |  |  |  |  |  |  |

\* Please specify:

Total Amount Provided by the collaborator:

**Total Amount from Other Sources:**

1. **Signatures**

Signatures of persons in charge, dates and places (“I assure that the information I have presented in this application and its appendices is authentic and that all the factors essential for the processing of the application have been included. I undertake the responsibility that, in the event that NSFC grants funding, the funds will be used for the purpose for which they have been granted, the project will be conducted as planned and the reports required by NSFC will be submitted.”)

|  |  |
| --- | --- |
| Date and place: | Date and place: |
| Name of the Chinese Applicant  | Name of the Overseas Co-applicant  |
| Signature | Signature |

**Annex 1: CVs of the Chinese applicant and the Overseas Co-applicant**

2.2 自然科学基金委与比尔及梅琳达·盖茨基金会合作项目英文申请书模板

**BMGF-NSFC Joint Agricultural Research Project**

**Under the Sustainable Development International Cooperation Program**

**English Proposal to the Bill & Melinda Gates Foundation (BMGF)**

*We appreciate your interest in submitting this proposal to the Bill & Melinda Gates Foundation.*

* This is a proposal shaping document and not a commitment by the foundation to fund the work.
* the proposal must be submitted in English, one and only application is accepted from one principal investigator from China (lead investigator). (中国申请人须分别向NSFC和BMGF递交申请；外方合作伙伴无需向NSFC和BMGF递交任何申请）；仅向单方递交申请的项目书将不予评审。)
* The softcopy (e.g. saved to a disk or USB device) of the this proposal along with one printed copy must be submitted via physical mail by China Postal EMS (post-marketed date) to the Gates Foundation’s contractor the China S&T Exchange Center （中国申请人需将存有本英文申请书的U盘通过中国邮政EMS快递在规定日期前寄至：中国科学技术交流中心 王怡、李宁， 北京市西城区三里河路54号 邮编：100045, 电话：010-68511569；并将快递发出信息通过电子邮件发至 csteclining@aliyun.com 电子邮件主题请按“申请人单位+姓名+申请课题名称”填写） by the application deadline specified in the joint BMGF-NSFC Call for Proposal in Chinese. Applications post-marketed after the deadline date will not be accepted.
* Applications must be submitted following the word limits as instructed and following all instructions in the BMGF-NSFC Call for Proposal. Applications which fail to comply with any of the guidance supplied will be rejected.
* Applicants must fill in all sections of the Proposal.
* Applications must be submitted as a word document.

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| **SECTION A –Essential Information (Chinese Investigator to Complete)** |

**GENERAL INFORMATION**

|  |
| --- |
| **Chinese Investigators** (please delete or add more rows as needed) |
| **Role:**(PI, CoI, etc.) | **Name:** | **Organization:** | **Division/Department:** | **Cell Number & Email** | **Hours per week on project:** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

|  |  |
| --- | --- |
| **Project title** [no more than 30 words]: |  |

|  |
| --- |
| **Executive summary** (please describe research objectives, problem(s) to be solved, the technical route/approach, innovations) [no more than 2000 words] |
| Primary Outcomes:Project Approaches:Innovations: |

|  |
| --- |
| ***Focus areas******(please indicate which the focus area(s) are covered in your proposal)*** |
| *(1) Crop breeding strategies in response to climate change and extreme weather* | ***[ ]***  |
| *(2) Agric weather index insurance research and implementation* | *[ ]*  |

|  |  |
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| **Duration of grant in months**(36 months) |  |

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| **Project Partners** One international collaborator (at the individual or institutional level) is required; One or two domestic institutions (two maximum institutions but no limit about the number of individuals from each institution) are allowed (. Please delete or add more rows as needed) |
| **Name:** | **Organization:** | **Input into project (funds, advice, facilities, etc.) and whether proposed or secured:** |
|  |  |  |
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| **Composition, expertise and experience of your project team, including any previous collaborations** [no more than 500 words] |
|  |

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| **Annual work plan, including approaches, activities, milestones, and how your work plan can address the research objective (s) of the project** [no more than 1000 words] |
| Year 1Year 2Year 3 |

|  |
| --- |
| **Collaboration plan** **with project partners** [no more than 1000 words] |
|  |

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| **Expected outcomes and sustainability, including translational pathways and feasibility for impact in low- and middle-income countries** [no more than 500 words] |
|  |

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| **Risks and mitigation** (please describe potential risks/challenges to the success of the project and the plan to address them, including any external factors or critical relationships with other partners/projects that may influence the success of the project) [no more than 200 words] |
|  |

**RESOURCES**

|  |
| --- |
| **Estimated resources requested** |
| BMGF resources RMB |  |
| China resources RMB |  |

|  |  |
| --- | --- |
| **BMGF (RMB)** | **China (RMB)** |
| 1st year |  | 1st year |  |
| 2nd year |  | 2nd year |  |
| 3rd year |  | 3rd year |  |
| Total |  | Total |  |

|  |
| --- |
| **SECTION B – INVESTMENT DETAILS** |
| **General Information - Chinese Investigator to Complete** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Estimated Start Date** |  | **End Date** |  |
| **Requested Amount (RMB Yuan ￥)** |  | **Total Project Cost (RMB Yuan ￥)** |  |
| **Organization Legal Name1** |  |
| **Mailing Address** |  | **Primary Contact Name** |  |
|  Street Address 1 |  | **Primary Contact Title** |  |
|  City |  |  |  |
|  State / Province |  |  |  |
| **Website** (if applicable) |  |  |  |

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| **Project Overview – Chinese Investigator to Complete** |

**Please provide or expand upon the information provided in the narrative space below:**

* **What is the primary outcome(s) or result(s) this investment will achieve or significantly contribute to? How will You know when that result(s) has been achieved (how will the result be measured)? If sustainability is a component of proposed outcomes, please describe the vision of long-term sustainability of this Project. Consider the economic/financial, organizational or behavioral factors to sustain outcomes beyond this project’s time frame and funding.**
* **Describe the approach You will take to achieve the intended results of this Project: a) Overall Scope of Work b) Timing and/or phases, and c) Narrative of resource needs to support the budget (ex: people, capabilities, technical expertise, experience, specific assets, including any external collaborators/contributors to the Project).**
* **Describe potential risks/challenges to the success of this Project and how You plan to address them. Include any external factors or critical relationships with other partners/projects that may influence the success of this project (including any anticipated agreements to be entered into for purposes of the Project).**
* **Describe any changes or improvements You plan to make to Your organization's capacity to undertake or achieve the outcomes of the proposed investment.**

The foundation requires that funded projects are conducted and managed in a manner that will ensure a positive, sustainable impact on the foundation’s intended beneficiaries.  Please provide a response to each question in the bullets below, highlighting how Your management of the project described in this Investment Document (the “Project”) and the intended outcomes align with the Strategic Fit, Charitable Purpose, and the foundation’s Global Access requirements.

|  |
| --- |
| **Primary Outcomes:****Project Approaches:****Potential risks/challenges:****Capacity of your research team and organization:** |

|  |
| --- |
| **Investment Results- Chinese Investigator to Collaborate**  |

**Provide specific details on the outcomes this investment will achieve (including those that define what success is for the investment), and the key outputs that signal whether the investment is on track.** Add more rows, as needed.

**“Outcome”** is the ultimate or overall change(s) in-systems, populations or behaviors the investment seeks to achieve within the context of the investment time frame; tells us what success looks like for the investment. Add more rows as needed.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Outcome****Number** | **Outcome Description** | **Target** **Completion Date** | **Actual** **Completion Date** | **Payment** **Contingency** |
|  |  |  |  |  |

 **“Output**” or “**Funded Development**” means the products, services, processes, technologies, materials, software, data, other innovations, and intellectual property resulting from the Project (including modifications, improvements, and further developments to Background Technology). Note: You will be required to disclose and update Intellectual Property (IP) and include any links to applications, filings, or registrations, as applicable, in future progress report(s). Add more rows as needed.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Output/Funded Development Number** | **Output/Funded Development****Description** | **Target** **Completion Date** | **Actual** **Completion Date** | **Payment** **Contingency** | **Third-Party agreement required?** If yes, by when? | **Will any IP rights be filed/generated?** |
|  |  |  |  |  |  |  |

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| **Global Access/Impact for Foundation’s Beneficiaries – Chinese Investigator to Complete** |

**To ensure a positive impact on the foundation’s intended beneficiaries, the foundation requires that all Projects and outputs be managed to ensure Global Access. You will be requested to update the responses below, as may be applicable, in future progress reports.**

**“Global Access”** is a foundation policy requiring that: (a) the knowledge and information gained from the Project will be promptly and broadly disseminated; and (b) the Funded Developments will be made available and accessible at an affordable price (i) to people most in need within developing countries, or (ii) in support of the U.S. educational system and public libraries, as applicable to the Project.

**“Funded Developments”** means the products, services, processes, technologies, materials, software, data, other innovations, and intellectual property resulting from the Project (including modifications, improvements, and further developments to Background Technology).

**“Background Technology”** means any and all products, services, processes, technologies, materials, software, data, or other innovations, and intellectual property created by You or a third party prior to or outside of the Project used as part of the Project.

1. **How will You disseminate the knowledge and information arising from the Project? (For peer-reviewed publications see our [Open Access policy.)](https://www.gatesfoundation.org/How-We-Work/General-Information/Open-Access-Policy)**

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| --- |
|  |

1. **How will You ensure affordable and meaningful access to the Funded Developments arising from the Project (and Background Technology, if any)?**

|  |
| --- |
|  |

1. **Do You foresee any obstacles to achieving Global Access (e.g., third-party rights, restrictions on Background Technology, time frame, affordability)?**

**No\_\_\_**

**Yes\_\_\_\_ (please explain and describe the specific steps that You will take to address them).**

|  |
| --- |
|  |

1. **Please confirm that You will make available for Global Access purposes the Funded Developments and any Background Technology that is (i) owned, controlled, or developed by You, or in-licensed with the right to sublicense; and (ii) either incorporated into a Funded Development or reasonably required to use the Funded Development.** See the Global Access terms located in the foundation’s [grant terms and conditions.](https://docs.gatesfoundation.org/Documents/Sample-Terms-and-Conditions.pdf)

**Confirmed \_\_**

**Not confirmed \_\_\_\_ (please explain)**

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| **SECTION C – BUDGET INFORMATION** |

*The purpose of the budget narrative is to supplement the information provided in the Excel-based budget template by justifying how the budget cost elements are necessary to implement Project activities and accomplish target outcomes. The budget information section is used to help foundation staff fully understand the budgetary needs of the Project and is an opportunity to provide descriptive information about the key costs and risks that can’t be easily communicated in the budget template. Together, this budget narrative and Excel budget should provide a complete quantitative and qualitative description that supports the proposed budget. The description provided in the budget template should be very brief. Please use this budget narrative to provide a thorough description of Your budget and only complete questions that are relevant to Your proposal.*

|  |
| --- |
| **Budget Summary - Chinese Investigator to Complete**  |

**Please explain the major cost drivers and how costs relate to planned activities and target outcomes. Also explain any potential risks in spending as budgeted and any plans to mitigate those risks.**

**If budgeting by outcomes, or additional dimension, please explain the major cost drivers per outcome or other relevant dimension.**

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| **Detailed Budget Information - Chinese Investigator to Complete**  |

**Personnel and Benefits: Provide a brief explanation of personnel budgeted, including responsibilities as they relate to the grant. Also include assumptions made for any staff budgeted which are to-be-hired, including salary estimates for these personnel. Describe the components of the benefits (column R of the “Budget Details” sheet) included with the salary costs. For example: pension, health insurance, expatriate costs, etc.**

**Travel: Provide rationale for the travel budgeted and assumptions used to determine appropriate number of trips and personnel required. Also include a brief rationale for how travel costs were estimated.**

**Consultants: Provide a brief description of the work to be performed by consultants in support of the overall Project and describe any expenses that have been included.**

**Capital Equipment: Provide a brief justification and description of any items required for the Project with a unit cost of greater than ￥35,000 (RMB) and a useful life of more than one year.**

**Other Direct Costs: Provide a brief description and rationale for other direct costs required, including cost assumptions used to develop the budget for these costs.** Add more rows as needed.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |  |  |
| --- | --- | --- |
| Items | Cost | Item description |
|  |  |  |
| Total |  |  |

 |

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| **Indirect Cost Rate – Chinese Investigator to Complete** |

**Briefly explain the indirect cost rate being charged on this project and the rationale and assumptions behind it.**

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| **Other Sources of Support for this Project - Chinese Investigator to Complete** |

**If You are requesting funding from the foundation for only a portion of this Project and will depend on funds from other sources, please describe Your contingency plans if full Project funding does not become available. If You have applied for funding from other sources which overlap with the funding requested in this proposal, please indicate the nature and timing of that potential funding. Any expected in-kind contributions (e.g. drug donations, personnel time) should be included in the description.**

NOTE: Names of the other sources and their expected dollar (RMB) contributions should be included on the ‘Financial Summary & Reporting’ sheet of the budget in the Funding Plan table.

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| **SECTION D – ROLES & RESPONSIBILITIES**  |

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| **Conduct and Control of the Project - Chinese Investigator to Complete** |

*In answering the questions in this section, please consider all Project activities, such as those involving: confidential or protected information (including personally identifiable information or protected health information); the inclusion of children or vulnerable populations; research involving human subjects; clinical trials; post-approval studies; field trials; experimental medicine; provision of medical services (diagnostic, prophylactic or treatment); product development; use of genetically modified organisms, human tissue, animals, radioactive isotopes, pathogenic organisms, recombinant nucleic acids, select agents or toxins ([www.selectagents.gov](http://www.selectagents.gov/%22%20%5Ct%20%22_blank)), dual-use technology ([http://export.gov/regulation/eg\_main\_018229.asp](http://export.gov/regulation/eg_main_018229.asp%22%20%5Ct%20%22_blank)), or any substance, organism, or material that is toxic or hazardous; use of aircraft, unmanned vehicle systems, drones or satellites; and the import, export, transfer, approvals, consents, records, data, specimens, images, and materials related to any of the forgoing.*

1. **Please confirm that Your organization:**
2. **will maintain the expertise necessary to conduct, control, manage, and monitor all aspects of the Project in compliance with all applicable ethical, legal, regulatory, and safety requirements including applicable international, national, state, local, and institutional, school district or school network standards and policies and is responsible for determining and complying with these requirements and standards;**
3. **will not disclose any confidential or protected information to the Foundation without obtaining prior written approval from the foundation and all necessary consents to disclose such information;**
4. **acknowledges that any activities by the Foundation in reviewing documents, providing input or funding does not modify Your organization’s responsibility for determining and complying with all applicable ethical, legal, regulatory, and safety requirements for the Project in all places;**
5. **is a government agency, public institution or multilateral organization or will otherwise maintain insurance coverage sufficient to cover the activities, risks, and potential omissions of the Project in accordance with generally-accepted standards and as required by law (for instance, general, professional, clinical trial, product liability, medical malpractice, workers' compensation, or otherwise);**
6. **will not transfer any biological materials, chemicals, reagents, hazardous materials or the like to the Foundation.**

**Confirmed \_\_\_\_**

**Not confirmed \_\_\_\_ (please explain)**

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| **SECTION D – PROJECT-SPECIFIC QUESTIONS** |

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| **Measurement and Evaluation - Chinese Investigator to Complete** |

**Describe your plan for monitoring and evaluation of the outputs and outcomes identified in the narrative above.** Specifically address:

1. The learning/evaluation questions for this investment and how You plan to answer them through monitoring and/or evaluation;
2. The resources (financial, technical, human) You need to ensure high quality monitoring and/or evaluation data; and
3. If You are planning a formal evaluation, describe when it will be conducted during the grant, who will conduct it (external/third party or not), the methodology You will consider, and how the main evaluation audiences will use the findings.

See the foundation’s [evaluation policy](http://www.gatesfoundation.org/How-We-Work/General-Information/Evaluation-Policy) for reference.

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| **Data Access - Chinese Investigator to Complete** |

**We anticipate this investment, if funded, would generate datasets that may be of interest to the foundation and/or to the field if made publicly available. Please describe any datasets that will be generated as part of this investment. Specifically address when and how the datasets would be made available to the foundation and/or to the public, in what form or format, and any anticipated costs to your organization.** Additional information about Data Access can be found [here](https://docs.gatesfoundation.org/documents/FAQs%20for%20Grantees%20and%20Partners.docx).

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2.3 自然科学基金委与土耳其科学技术研究理事会合作项目英文申请书模板

**Application Form**

|  |
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| 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*** *involving in the project from different countries, including the partner(s) not requesting funding.*
4. *Keep in mind that a separate document needs to be filled for the details of requested project budget.*
 |
| **Acronym of the Project** |  |
|  |
| **Title of the Project** |  |
|  |
| **Positioning of the Project**  |
| ***For TUBITAK:*** *Describe the positioning of the project e.g. where it is situated in the spectrum from ‘idea to application’, or from ‘lab to market’. Refer to Technology Readiness Levels (TRLs)[[1]](#footnote-0) where relevant.* |
|  |  |
| **Accordance with the call:**  |  |
| *Please describe how the project fits the scope of call (max. 1/2 page)*  |
|  |  |
| **Related specific thematic area(s) of the call (if relevant):** |  |
|   |
| **Project Duration:** |  |  months |

**Partners involved in the project**

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

*Use as many lines as needed*

**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:**  |

**Table of Contents :**

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

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[1.2 State of the Art 16](#_Toc10186166)

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#

# 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 pages)*

|  |
| --- |
| *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*** | ***Year 3*** |
| ***1*** | ***2*** | ***3*** | ***4*** | ***5*** | ***6*** | ***7*** | ***8*** | ***9*** | ***10*** | ***11*** | ***12*** | ***13*** | ***14*** | ***15*** | ***16*** | ***17*** | ***18*** | ***19*** | ***20*** | ***21*** | ***22*** | ***23*** | ***24*** | ***25*** | ***26*** | ***27*** | ***28*** | ***29*** | ***30*** | ***31*** | ***32*** | ***33*** | ***34*** | ***35*** | ***36*** |
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# Section 3: Project Management

1.
2.

## 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-6)[[8]](#footnote-7)*

*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 participantAdd 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** |  |  |  |  |  |  |  |
| **4** |  |  |  |  |  |  |  |
| **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-8)** | **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 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** |  |  |
| **4** |  |  |

*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 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.*  |

2.4自然科学基金委与全球研究理事会有关成员机构合作项目中文预申请简表

|  |  |
| --- | --- |
| **项目名称（中文）** |  |
| **项目名称（英文）** |  |
| **资助方向** | **[ ] 典型表层地球系统地球关键带结构、组成和功能历史演变****[ ] 水安全、粮食安全、生态安全相关的SDGs关联性****[ ] 实现碳中和的生态学途径研究****[ ] 全球变化与“丝路”经济带环境灾害风险****[ ] 中国及世界相关典型区域 “环境-社会”大数据平台与发展途径优化决策** |
| **中方申请人** | **姓名**  | **证件号码** | **专业技术职务**  | **依托单位名称**  |
|  |  |  |  |
| **中方人员****列表** | **姓名**  | **证件号码** | **专业技术职务**  | **依托单位名称**  |
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1. *[http://ec.europa.eu/research/participants/data/ref](http://ec.europa.eu/research/participants/data/ref/h2020/wp/2014_2015/annexes/h2020-wp1415-annex-g-trl_en.pdf)**[/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-0)
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-1)
3. HE-University, RC-Research Center, SME-Small Medium sized Enterprise, LC-Large Company, Others (according to national rules). [↑](#footnote-ref-2)
4. **Bold** the leading principal investigator (LPI) and underline the project coordinator, if relevant. [↑](#footnote-ref-3)
5. Please indicate the currency. [↑](#footnote-ref-4)
6. Requested Cost = Project Cost x Funding Rate (as in call announcement). [↑](#footnote-ref-5)
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-6)
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-7)
9. *Rate as low, medium or high.* [↑](#footnote-ref-8)