



Royal Higher Institute for Defence

Defence-related Research Action - DEFRA

Call for proposals 2021

FULL PROPOSAL DESCRIPTION

Compulsory document - must be completed - in English

Before completing, please consult carefully the **Information document** and the **evaluation matrix for full proposals.**

PROPOSAL'S ID				
Project Acronym	Click here to enter text.			
Project Title	Click here to enter text.			
Research Theme	□NEET individual project □NEET network project	SEHS	SPACE	

Please note that the font used to complete the documents must be in Calibri, size 11, with 1,15 line spacing.

PARTNER(S) / PARTNERSHIP

COORDINATOR (P1)	
Organisation name:	Click here to enter text.
Type of organisation:	Choose an item.
Website:	Click here to enter text.
Principal investigator:	
Last name:	Click here to enter text.
First name:	Click here to enter text.
Email:	Click here to enter text.
Phone number:	Click here to enter text.

PARTNER 2 (P2)	
Organisation name:	Click here to enter text.
Type of organisation:	Choose an item.
Website:	Click here to enter text.
Principal investigator:	
Last name:	Click here to enter text.
First name:	Click here to enter text.

PARTNER 3 (P3)	
Organisation name:	Click here to enter text.
Type of organisation:	Choose an item.
Website:	Click here to enter text.
Principal investigator:	
Last name:	Click here to enter text.
First name:	Click here to enter text.

Copy the table to include more partners if needed.

PROJECT SUMMARY

Briefly describe:

- The context and motivation of the project
- Expected results and how these will impact Defence
- Brief explanation of how the project will be carried out

[max. 2 pages]

Click here to enter text.

PROJECT SCOPE

Explain how the project:

- answers to the research priorities of the call (cfr. sections 2.1 and 3.3. of the information document)
- takes into account the triple helix concept (themes 2-SEHS and 3-SPACE only)

[± 1/2 page]

Click here to enter text.

1. PROJECT OBJECTIVES

Explain the scope of the project and break it down in major research objectives, making sure that those are SMART (Specific, Measurable, Assignable, Realistic, Time-related) defined.			
[max 2 pages]			
Click here to enter text.			
2. STATE OF THE ART AND INNOVATIVE CHARACTER			
2.1. Knowledge of the state of the art			
 Explain the state of current knowledge at national and international level on your topic. Include relevant existing publications and references to support this. Provide an overview of the knowledge to be acquired within the project team Provide an overview of the development of new expertise and competences (new techniques, knowledge, way of working) in Belgium Describe the opportunities for (new) national and/or international collaborations [± 1 page] Click here to enter text. 			
2.2. Positioning of the project with respect to the state of the art (innovativeness)			
2.2. I ositioning of the project with respect to the state of the art (illinovativeness)			
within beyond/innovative			
in terms of exploring a gap in (inter)national research			
in terms of exploring new methodologies $\hfill\Box$			
Explain why your proposal is original and innovative. [± 1 page] Click here to enter text			

3. RELEVANCE AND POTENTIAL IMPACT FOR DEFENCE

3.1. Potential impact of the proposal in light of the expected outcomes

Explain the relevance and potential impact of the project (its methodologies, processes, technologies, developments, outcomes, insights,...) for Defence, in relation to the expected impact for the themes (cfr. information document section 3.3.).

[± 1/2 page]

Click here to enter text.

3.2. Plans to maximize the impact of the project

- Explain the concrete plans of valorisation, dissemination and exploitation of the project results to Defence, in accordance with the WP valorisation and GANTT chart and the expected impact. The target groups of these valorisation proposals must be explicitly described.
- Is there a link with another regional / federal / international project?
- Are there possible follow-on projects for this proposal, either going deeper or with a broader scope?

[± 1/2 page]

Click here to enter text.

3.3. Contribution to defence's R&T strategic objectives

Explain how the project contributes to each of the Defence's R&T strategic objectives as described in the information document (section 2.1.) in terms of:

- capability development (a capability being the ability to perform actions to achieve desired objectives/effects, not limited to equipment, but also doctrine, training, ...)
- filling of employment gaps and/or job creation (the latter for SEHS & SPACE themes only)
- marketable products
- optimisation of Defence processes (a process being the series of actions or steps taken in order to achieve a particular end, e.g. procurement process; innovation process ...)

[± 1/3 page]

Click here to enter text.

3.4. Data management plan (DMP)

Will data be collected, reused and/or generated?

Please select the adequate answer(s) taking into account the following concepts:

- Data content:
 - Refers to the type of data regarding what it contains. E.g. numeric (databases, spread sheets), textual (documents), image, audio, video, mixed media...
- Data format:
 - Refers to the technical format of data; to the way in which the data is encoded for storage, often reflected by the filename extension. For example: pdf, xls, doc, txt, rdf...
- Data volume:
 - You may roughly estimate this using the following categories: From 0 10GB; From 10 100 GB; From 100 1000 GB; More than 1000 GB.

My proposal will	☐ COLLECT DATA	•	
	REUSE EXISTIN		
	☐ GENERATE NEV	W DATA	
Please describe: Which data you will collect/reuse/go How data will be collected / from will be content, technical format and est Any existing constraints regarding it	hich source it will be timated volume.	e reused / how will	it be generated
Click here to enter text.			
How will you handle legal issues?			
Legal issues: This includes person requirements. Regarding personal dathat Data Protection Laws (i.e. GDPR)	nal data, intellect nta, you must ensur) are complied with	ual property issu re when dealing wi	es and security
My proposal will use / process / store p	ersonal data:	☐ YES ☐ NO	
If your answer is 'YES' : shortly describe to Add the process and reference to your fi			
Click here to enter text.			
The work undertaken in the project will potential for technology transfer and va		esearch data with	☐ YES ☐ NO
If your answer is 'YES', your proposal mu Explain who will be the owner of the dat Indicate whether there will be intellectu if applicable, describe how these will be	ta (who will have th ıal property rights/ı	e rights to control o	access).

Click here to enter text.		
For theme 3 (Space) only: the work undertaken may use or generate classified information.	n in the project will possibly	☐ YES ☐ NO
If your answer is 'YES', your proposal must take section 7.3. of the information document. Identify the project that involve threat and /or vull specifications or capabilities of the tool(s) used. Attention! Classified information is sensitive, but ones described for sensitive information in the follock here to enter text.	fy the classification needs for Inerability assessments and other, more stringent, rules w	the work packages of the information on vill apply than the
How will you document your data? Please answer the questions/statements, taking in	nto account the following info	rmation:
Data must comply, as much as possible accessible, interoperable and reusable. For descriptive information in the form of modescribes, explains, locates, and /or makes retrieve. Where metadata are in place, remetadata standards.	this purpose, data must be o etadata. Metadata is the in the use of an information s	accompanied by Iformation that Source easier to
What documentation will be provided to enable generated in this project?	understanding and reuse of the	ne data collected /
Click here to enter text.		
Metadata standards will be used:	☐ FOR ALL DATA ☐ FOR SOME DATA ☐ FOR NONE OF THE DATA	
 if your answer is 'for all data' or 'for some d be used. if your answer is 'none of the data', please s make the data easy/easier to find and reuse. 	tate in detail which metadata	
Click here to enter text.		

Data storage and backup during the project

Please give preference to the use of robust, managed storage with automatic backup, such as networked drives, which offer ample storage space and data security for most purposes. Consider data protection, particularly if your data is sensitive – for example, containing personal data, politically sensitive information or information relating to religion and health. If this is your case, enquire with the partners' support staff whether your intended storage solution meets the data security policy.

Please answer the statements/questions, taking into account the following information. Note that you may choose one or more answers to statement 8.4.1.

The data will be stored in	☐ the partner's Research Storage☐ OTHER			
 If your answer includes 'OTHER': Specify which storage solutions you will use during the project, in addition to / instead of the partner's research storage. Explain the reasons for using these solutions. E.g. because you need more space than available by the partners; to facilitate data sharing with collaborators; or because your data requires additional security. 				
Click here to enter text.				
How will the data be backed up?				
Click here to enter text.				
How will data security and protection of sensitive data be taken care of during the research? Not applicable (there are no sensitive data) Default security of the partners' networked research storage Additional security measures				
If your answer is other than 'Not applicable managed.	?': Describe the main risks and how these will be			
Click here to enter text.				
What are the expected costs for data storage and backup during the project? How will these costs be covered?				
Costs related to data storage and backup during the project can be covered by the project budget providing these are fully justified and relate to the project.				
Click here to enter text.				

Data preservation in the long term - after the project

Please answer the following questions/statements, taking into account the following information. Note that you may choose one or more answers to statement 5.2.

The data generated during the project should be preserved (archived) in the long term, in as far as legal and contractual agreements allow. As rule of thumb, long-term storage is considered to be at least 10 years, unless legal provisions or discipline-specific guidelines dictate otherwise.

All data will be preserved in the long term (at least 10 years)		☐ YES ☐ NO		
If your answer is 'NO': clearly describe what data will be preserved long-term and what data will be destroyed for contractual, legal or regulatory purposes, or for physical preservation issues. Indicate how you will decide which data to keep.				
Click here to enter text.				
The data will be archived within	☐ Partners' Netw☐ OTHER	orked Research Storage		
If your answer includes 'OTHER': Specify which sto addition to/instead of the partners' networked re- using these solutions.	•			
Click here to enter text.				
How will data security and protection of sensitive data be taken care in the long term?	 □ Not applicable (there are no sensitive data) □ Default security of the partners' networked research storage □ Additional security measures 			
If your answer is other than 'Not applicable' : Des managed. Inquire with your partners' support sta _j the data security policy if your research involves s	ff whether your inte			
Click here to enter text.				
What are the expected costs for data preservation in the long term? How will these costs be covered?				
Costs related to data preservation in the long term these are fully justified and relate to the project.	n can be covered by	the project budget providing		
Click here to enter text.				

Data sharing and reuse

Please answer the following questions taking into account the following information:

As stated before, data must comply, as much as possible with FAIR principles; it must be findable, accessible, interoperable and reusable. It is thus important that you provide information regarding data sharing and reuse.

If applicable, data sets will be linked to the scientific publications they underpin and which have either been deposited in.

Note that the data available for sharing and reuse may differ from the preserved data, since there may be legal, IP, privacy or security related reasons preventing or restricting the access to data, or lacking of space for large data volumes to deposit them in a repository in its entirety. This could be the case for part or the entirety of data; in the short, mid or long term. A staged approach will provide access for communities of certified users, adapting the degree of certification of users to the sensitivity of the data.

Are there any factors restricting or preventing the sharing or reuse of (e.g. agreements with 3rd parties):	the data
If your answer is 'YES' : explain which data are affected by this agreement State the restrictions that are in place.	nt.
Click here to enter text.	
Which data will be made available to the public?	☐ ALL☐ SOME PART☐ NONE
 If your answer is 'SOME PART' or 'NONE': Indicate the restrictions on the sharing of the data (why can't it be sometimes) Explain what data sharing agreement will be implemented 	chared)
Click here to enter text.	
☐ Upon	estricted access repository request by mail (specify)
comm ☐ After ☐ After	on as corresponding nunication(s) are published the project is finished the completion of the ct (with embargo)
If your answer is other than 'as soon as corresponding communication the reasons for the restrictions on the time release of data (embargo per publish, protect intellectual properties, or seek patents.	
Click here to enter text.	
Who will be able to access the data and under which conditions?	

Click here to enter text.			
Which data will be made available for re-use?	□ ALL		
	☐ SOME PART		
	□ NONE		
If your property in (COAAT DART) on (ALOALT), by disease the coast-			
If your answer is 'SOME PART' or 'NONE' : Indicate the restric	•		
what actions could be taken to overcome or to minimize rest	rictions.		
Click here to enter text.			
Responsibilities			
Please answer the following questions/statements, taking into	account the following information:		
	-		
Who will be responsible for the data documentation & meta-	data?		
In case of the use of personal data, please note the name and contact data of the concerned data			
protection officers.			
Click here to enter text.			
Who will be responsible for data storage & back up during th	ie project?		
Click here to enter text.			
Who will be responsible for ensuring data preservation and s	haring?		
Click here to enter text.			
Who bears the end responsibility for updating & implementing this DMP?			
Default response: The project coordinator bears the overall responsibility for updating &			
implementing this DMP.			
Click here to enter text.			

4. QUALITY OF THE PARTNER(S) / PARTNERSHIP

Non-industry partner(s): please provide a description of expertise and skills for each partner:

- Their professional background
- Maximum 5 top publications relevant for the proposal (indicate clearly the international peer reviewed publications)
- A list of the research projects carried out over the past five years in the topic of the call or related areas (specify the duration of the work and funding source).
- A list of their (inter)national contacts and

Industry partner(s):

please provide a description of expertise and skills for each partner:

- Their active production / research activities in Belgium
- A list of the products / prototypes / research projects they actively contributed to over the past five years in the topic of the call or related areas.
- A list of their (inter)national contacts and the (inter)national networks to which they belong within the context of the proposal.

- the (inter)national networks to which they belong within the context of the proposal.
- The scientific quality, management, synthesis and communication skills of the coordinator.
- If possible, include web links for all the information above.
- A list of their Defence customers
- The management, synthesis and communication skills of the coordinator.
- If possible, include web links for all the information above.

[± 2 pages per partner]

COORDINATOR

Click here to enter text.

PARTNER 2

Click here to enter text.

PARTNER 3

Click here to enter text.

Copy the table to include more partners if needed.

For themes 2-SEHS and 3-SPACE

Argument the motivation of choosing this partnership in addressing the topic of the proposal. The different dimensions of the added value in a partnership can be seen as (non-exhaustive list):

- All 3 entities of the triple helix are represented
- Well-balanced partnership
- Complementarity of expertise among partners
- Complementarity of disciplines and way of working (multi, inter) to properly cover the project objectives
- Long term perspective on collaboration: can this project be the starting point for a broadened or intensified collaboration?

[± 1 page]

Click here to enter text.

5. COHERENCE BETWEEN RESEARCH OBJECTIVES AND METHODOLOGY

Translate your research objectives into a methodology (used methods, techniques, systems and/or way of working) in order to achieve the results:

- The division of the project into phases
- The organisation of the project team
- The technologies used
- Detail the results your approach will enable to gather (expected outcomes):
- Take possible ethical issues into account if relevant

[± 5 pages]

Click here to enter text.

6. WORK PLAN

6.1. Relation of the work packages to the proposal objectives

Please provide a description of the project in terms of work packages, tasks, and deliverables in accordance with the GANTT chart.

Refer to:

- Number and title of Work Package, Work Package leader (financed, non-financed)
- Number, title and timing of tasks, task leader, participants to the task (financed, non-financed, subcontractors...)
- Timing of deliverables
- Number of person-months for each task
- Means, tools, procedures, techniques to carry out the tasks

Notes:

- The work plan must be detailed to the level of work packages (WP) and tasks (Tasks). The definition of subtasks is not possible.
- Work packages or tasks necessary for the implementation of the project but not financed by Defence must also be described and added to the GANTT chart.

Compulsory work packages:

- Coordination, project management and reporting
- Data management
- Valorisation / Dissemination / Exploitation

[± 1/2 pages/WP]

Click here to enter text.

6.2. Work planning and time schedule: GANTT chart

6.3. Workload intensity in relation to the work packages: GANTT chart

<u>Complete the GANTT chart</u> in accordance with the description of the detailed work plan, tasks and deliverables above.

- Work intensity of each partner within each task (expressed in person-month [PM])
- Include for each partner the person-months funded by the project and the person-months funded by other sources (see notes).

Notes:

- Partners include: financed, non-financed and subcontractors.
- 1 Person-month [PM] = 1 full-time equivalent [FTE] or 2 half-time equivalents over 1 month...
- Other sources of financing may include: salary payment by institutions other than Defence and/or via other projects, voluntary contributions... If a given task requires 7 person-months, and 6 months will be financed by the project, the 7th month must appear under 'other sources of financing'.

Compulsory work packages:

- Coordination, project management and reporting
- Data management
- Valorisation / Dissemination / Exploitation

6.4. Risk assessment of the project

Main risks

Number, identify and explain the main (max 10) incurring risks that could delay or hinder the project. Locate the number of each risk in terms of its likelihood of occurrence and impact on the project. (R1 & R2 are shown as an example)

Risk nr	Description of the risk	Likelihood	Impact
R1	Click here to enter text.	Very likely	Moderate
R2	Click here to enter text.	Likely	Minor
R3	Click here to enter text.	Choose an item.	Choose an item.
R4	Click here to enter text.	Choose an item.	Choose an item.
R5	Click here to enter text.	Choose an item.	Choose an item.
R6	Click here to enter text.	Choose an item.	Choose an item.
R7	Click here to enter text.	Choose an item.	Choose an item.
R8	Click here to enter text.	Choose an	Choose an

		item.	item.
R9	Click here to enter text.	Choose an item.	Choose an item.
R10	Click here to enter text.	Choose an item.	Choose an item.

Additional information regarding **Impact**:

- Severe = impossible to achieve the main project objectives,
- Significant = there will be a direct and substantial impact on the projects' main objectives,
- Moderate = there is an impact on some of the projects' main objectives, but not to an extent that the overall goal cannot be achieved,
- Minor = the impact on the projects' main objectives is not substantial.
- Negligible = the risk will not cause any obstructions to achieve any of the projects objectives

Likelihood and impact

Locate the number of each risk in terms of its likelihood of occurrence and impact on the project. (R1 & R2 are shown as an example)



Contingency measures

For each risk of category "medium high" and "severe" mitigation measures have to be defined and a check has to be made that the residual risk is below or equal to "medium".

Risk nr	Mitigating measures	Residual risk after
		mitigation (with motivation)
Choose	Click here to enter text.	Click here to enter text.

an		
item.		
Choose	Click here to enter text.	Click here to enter text.
an		
item.		
Choose	Click here to enter text.	Click here to enter text.
an		
item.		
Choose	Click here to enter text.	Click here to enter text.
an		
item.		
Choose	Click here to enter text.	Click here to enter text.
an		
item.		
Choose	Click here to enter text.	Click here to enter text.
an		
item.		
Choose	Click here to enter text.	Click here to enter text.
an		
item.		

References (not mandatory)

References to the content of the proposal that give a better understanding of the information provided in the tables above.

Refers to risk(s) number	Document or part of the proposal		Remarks
Click here to enter text.	Click here to enter text.	Click here to enter text.	
Click here to enter text.	Click here to enter text.	Click here to enter text.	
Click here to enter text.	Click here to enter text.	Click here to enter text.	
Click here to enter text.	Click here to enter text.	Click here to enter text.	
Click here to enter text.	Click here to enter text.	Click here to enter text.	
Click here to enter text.	Click here to enter text.	Click here to enter text.	
Click here to enter	Click here to enter text.	Click here to enter text.	

6.5. Budget assessment

Budget overview

Double mouse click on table to open the excel sheet. Cells with a 0 in the template are calculated automatically. Please mention all amounts in kEuro.

1 1						ì
Coord.	Partn.2	Partn.3	Partn.4	Partn.5	Partn.6	TOTAL
						C
						C
						C
0	0	0	0	0	0	C
						C
						C
0	0	0	0	0	0	C
						C
0	0	0	0	0	0	(
	0 0	0 0 0 0	0 0 0 0 0	0 0 0 0 0 0 0		

Budget of the coordinator (P1)

Double mouse click on table to open the excel sheet. Cells with a 0 in the template are calculated automatically. Please mention all amounts in kEuro.

EURO	Year 1	Year 2	TOTAL
Staff			0
General Operation			0
Specific Operation			0
Overheads	0	0	0
Equipment			0
Subcontracting			0
TOTAL	0	0	0
Partner contribution			0
RHID contribution	0	0	0

Budget of Partner 2 (P2)

Duplicate if necessary, with necessary partner-number changes.

Double mouse click on table to open the excel sheet. Cells with a 0 in the template are calculated automatically. Please mention all amounts in kEuro.

EURO	Year 1	Year 2	TOTAL
Staff			0
General Operation			0
Specific Operation			0
Overheads	0	0	0
Equipment			0
Subcontracting			0
TOTAL	0	0	0
Partner contribution		_	0
RHID contribution	0	0	0

Justification of the requested bu	ıdget			
Budget justification for the Coord	inator (P1)			
<u>Staff</u>				
PM= person months				
Personnel's profile (e.g. PhD in economics, 2 years experience)	P/M to be financed	Estimated full time monthly cost (Euro)	Total Cost (Euro)	P/M not financed
TOTAL				
Specific Operation				
Description:				Cost (Euro)
TOTAL				
<u>Equipment</u>				
Description:				Cost (Euro)
TOTAL				
Subcontracting				
Name: Address:				
Description of tasks:				Cost (Euro)

Duplicate if necessary, with necessary partner-number changes)

<u>Staff</u>

PM= person months

Personnel's profile (e.g. PhD in economics, 2 years experience)	P/M to be financed	Estimated full time monthly cost (Euro)	Total Cost (Euro)	P/M not financed
TOTAL				

Specific Operation

Description:	Cost (Euro)
TOTAL	

Equipment

Description:	Cost (Euro)
TOTAL	

Subcontracting

Name:	
Name: Address:	
Description of tasks:	Cost (Euro)