

PARTNER(S)/PARTNERSHIP (in online platform & in template)	Coordinates of the project partners (coordinator and other promotors). Only the names of the principle investigators/RD leads.
PROJECT SUMMARY	[max. 2 pages] <u>Briefly describe:</u> - The context and motivation of the project - Expected results and how these will impact the BDTIB and NGCAT - Brief explanation of how the project will be carried out
IN/OUT OF SCOPE	[1/2 page] <u>Explain how the project:</u> - answers to the research and development priorities of the call (cfr. Section 2.3. of the information document)



Next Generation Combat Aircraft Technologies - Research and Development - Call for proposals 2024

EVALUATION MATRIX - FULL PROPOSALS

			Insufficient information	Deficient	Weak	Reasonable	Good	Excellent
1. PROJECT OBJECTIVES	[2 pages] Explain the scope of the project and break it down in research and development objectives, making sure that those are SMART (Specific; Measurable; Assignable; Realistic; Time-related) defined	1.1. Project objectives Are the project objectives clear and coherent? Are the project objectives SMART defined?	Given the lack of information, this criterion cannot be evaluated	The research and development objectives are unclear AND contradictory	The research and development objectives are badly defined OR do not align with each other	The research and development objectives are mostly clear and sufficiently aligned	The research and development objectives are clear and align with each other and they are SMART defined	The research and development objectives are fully and exceptionally well described with an outstanding alignment and they are perfectly SMART defined
2. STATE OF THE ART AND INNOVATIVE CHARACTER	[1 page] - Explain the state of current knowledge at national and international level on your topic. Include a list of max. 5 relevant existing publications, projects, references and/or (inter)national networks per project partner to support this. - Provide an overview of present knowledge or 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.	2.1. Knowledge of the state of the art. Does the proposal provide an accurate overview of the state of the art?	Given the lack of information, this criterion cannot be evaluated	The proposal has overlooked the essential scientific state of the art in the domain.	The proposal has important flaws regarding the state of the art.	The proposal demonstrates an average knowledge of the state of the art in the domain, without critical omissions.	The proposal shows a good view of the state of the art in the domain, omissions are superfluous or minimal.	The proposal shows an exhaustive knowledge of the state of the art in the domain.
	[1 page] The study should allow to solve a problem that has not yet been researched or to solve a problem using a methodology that has not yet been used. It may also be the continuation of an innovative study which has produced concrete results but which need to be followed up. <u>Position your project</u> with regards to the state of the art and explain why your proposal is original and innovative: - in terms of exploring a gap in (inter)national research knowledge - in terms of exploring new methodologies Under no circumstances may it duplicate a research study carried out in another regional / federal / international framework (international : e.g. NATO, ESA, EDF). It may, however, contribute to a larger project within that other framework.	2.2. Position of the project with respect to the state of the art (innovativeness) How is the project positioned in relation to the state of the art?	Given the lack of information, this criterion cannot be evaluated	The objectives of the project fail to address the gap in research or falsely identifies a research gap.	The proposal displays limited added value to the state of the art.	The proposal displays some added value to the state of the art but does not have a pronounced innovative character.	The proposal displays good potential for innovation and displays significant added value relative to the state-of-the-art.	The proposal is highly innovative and unique. It displays outstanding potential for progress beyond the on-going research efforts.
3. RELEVANCE AND POTENTIAL IMPACT FOR THE BDTIB & NGCAT	[1/2 page] Explain the relevance and potential impact of the project (its methodologies, processes, technologies, developments, outcomes, insights, ...) for NGCAT, in relation to the expected impact for the themes. Explain how the project contributes to NGCAT objectives in terms of: • knowledge generation • capability • manufacturability • cost reduction • maintainability	3.1. Potential impact of the proposal in light of the expected outcomes Assess the relevance, potential impact and contributions of the project for the NGCAT objectives as described in the proposal	Given the lack of information, this criterion cannot be evaluated	The proposal fails to address the project's impact and its significance for the BDTIB and NGCAT	The proposal fails to address the project's impact or its significance for the BDTIB and NGCAT	The proposal addresses the project's principal impact and its significance for the BDTIB and NGCAT	The proposal rightly describes the project's impact and its significance for the BDTIB and NGCAT	The proposal outstandingly describes the project's impact and its significance for the BDTIB and NGCAT
	[1/2 page] Plans to maximise the impact of the project: - Explain the concrete plans of valorisation and exploitation of the project results to the BDTIB in accordance with the WP valorisation. 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?	3.2. Plans to maximise the impact of the project (valorisation of results) Assess the capacity of promoting results and knowledge and enabling publication and exploitation of data; the adequacy of the targeted audiences, the appropriateness of communication tools and approaches, ...	Given the lack of information, this criterion cannot be evaluated	The proposal offers very poor strategy for valorising its results	The proposal outlines valorization strategies which contain significant gaps or shortcomings. No efforts are made to promote and distribute results	The valorisation plans are sufficiently described; they allow promoting results and enable publication. The appropriate communication tools and approaches are used, but activities are somewhat limited in terms of approaching different targets	The valorisation plans are well described and offer considerable variety, using original communication tools and approaches leading to a good transfer and/or utilization of results	The valorisation plans are fully described and offer an original and ambitious strategy to captivate its targets and generate high interest about its results. There is a link with another regional / federal / international project, or ambition for follow-on (deeper or broader) projects based on its findings
	<u>Data Management Plan (DMP)</u> is a key element of good data management. The proposal must clearly indicate what data the project will generate, when and in what format the data will be made accessible and how it will be curated and preserved, specifying which categories of users are likely to benefit from access to the data.	3.3. Data management plan and availability of generated data after the research is finalised Assess the quality of the data management plan and the availability of the generated data for the BDTIB and NGCAT	Given the lack of information, this criterion cannot be evaluated	The proposal has no plan to make the data available after the research is finalised	The data management plan containing significant shortcomings or gaps	The data management plan follows basic standards in making the generated data available	The data management plan follows good standards, making the data easily available	There is an excellent data management plan in line with the highest standards to enable easy re-use of the data

			Insufficient information	Deficient	Weak	Reasonable	Good	Excellent
4. QUALITY OF THE PARTNER(S)/PARTNERSHIP	<p>[Part 1 of 3 - 2 pages per partner] <u>[Research institutes (public or private non-profit)] Provide a description of expertise and skills for each partner:</u> - 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 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.</p>	<p>4.1. [Research institutes (public or private non-profit)] Individual quality of the partner(s) Assess the quality of the individual partners within the frame of the project. Competence regarding project management and coordination of work packages should be taken into account, including management, synthesis and communication skills of the coordinator.</p>	Given the lack of information, this criterion cannot be evaluated	The partner(s) do(es) not possess the experience and expertise to perform the proposed research	The partner(s) cannot be considered as (a) reliable and promising partner(s) for the project due to insufficient research experience or expertise to contribute in a suitable way	The partner(s) possess(es) enough experience and expertise to perform the research in a suitable way	The partner(s) is an/are acknowledged expert(s) in their fields, who can perform the research competently	The partner(s) is/are well established in their research field and can be considered to be highly reliable, competent and fit perfectly for this project
	<p>[Part 2 of 3 - 2 pages per partner] <u>[Private companies] Provide a description of expertise and skills for each partner:</u> - 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. - 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.</p>	<p>4.2. [Private companies] Individual quality of the partner(s) Assess the quality of the individual partners within the frame of the project. Competence regarding project management and coordination of work packages should be taken into account, including management, synthesis and communication skills of the coordinator.</p>	Given the lack of information, this criterion cannot be evaluated	The partner(s) do(es) not possess the required experience or expertise to perform the project tasks	The partner(s) cannot be considered as (a) reliable and promising partner(s) for the project due to insufficient experience or expertise to contribute in a suitable way	The partner(s) possess(es) enough experience and expertise to perform the project tasks in a suitable way.	The partner(s) is an/are acknowledged expert(s) in their fields, who can perform the project tasks competently	The partner(s) is/are well established in their field of activities and can be considered to be highly reliable, competent and fit perfectly for this project
	<p>[Part 3 of 3 - 1 page] <u>Articulate the rationale for choosing this partnership</u> in addressing the topic of the proposal. The different dimensions of the added value in a partnership can be seen as (non-exhaustive list): - 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?</p>	<p>4.3. Adequacy and added value of the proposed partnership in addressing the topic Assess the adequacy of the partnership as reasoned by the applicants in relation to the project objectives</p>	Given the lack of information, this criterion cannot be evaluated	The partnership fails to address the different network dimensions (like balanced partnership, complementarity of expertise and way of working, long term perspective on collaboration), hindering the realisation of the project	The partnership has not taken into account essential network dimensions (like balanced partnership, complementarity of expertise and way of working, long term perspective on collaboration), hindering the realisation of the project	The partnership is sufficiently balanced in terms of the different dimensions (including balanced partnership, complementarity of expertise and way of working, long term perspective on collaboration, added value of the in-kind contribution), for the project to be feasible	The partnership is well balanced in terms of the different dimensions (including balanced partnership, complementarity of expertise and way of working, long term perspective on collaboration, added value of the in-kind contribution), bringing an added value to the proposal	The partnership is perfectly balanced in terms of all the different dimensions (including balanced partnership, complementarity of expertise and way of working, long term perspective on collaboration, added value of the in-kind contribution) , bringing a high added value to the proposal
5. COHERENCE BETWEEN RESEARCH OBJECTIVES AND METHODOLOGY	<p>[5 pages] <u>Methodology</u> 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</p>	<p>5.1. Methodology Assess the chosen methodology (taking into account the different disciplines mobilised), use of data, the articulation of the objectives-methodology-expected outcomes.</p>	Given the lack of information, this criterion cannot be evaluated	The methodology and use of data are unclear or inappropriate.	The methodology and use of data have shortcomings and/or lacks details.	The methodology and use of data are sufficient. The objectives, methodology and expected outcomes form a coherent and reasonable unit, but contain some gaps or shortcomings	The methodology and use of data are elaborate, well matched to the objectives and expected outcomes. There is room for minor improvement	The methodology and use of data are outstanding and it ensures a perfect match to the objectives and outcomes, and leaves little to no room for improvement
6. ADEQUACY OF THE WORK PLAN AND EFFICIENCY	<p>[1/2 page per WP] Please <u>provide</u> a description of the project in terms of work packages, tasks, and deliverables in accordance with the GANTT chart. <u>Refer to:</u> - 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 <u>Notes:</u> - 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. <u>Compulsory work packages:</u> • Coordination, project management and reporting • Data management • Valorisation / Exploitation</p>	<p>6.1. Relation of the work packages to the proposal objectives Notwithstanding work intensity and duration of tasks and WP, assess the way the breakdown of the work plan in work packages and tasks enables the realisation of the project.</p>	Given the lack of information, this criterion cannot be evaluated	The proposal does not provide a clear work plan, hampering the realization of the project	The work plan raises doubts on the successful implementation of several aspects of the project	The work plan sufficiently enables to apprehend the objectives of the project, leaving room for improvement (shortcomings and/or redundancies are present)	The work plan correctly enables to apprehend the objectives of the project leaving some room for improvement (minor shortcomings and/or redundancies are present)	The work plan outstandingly enables to apprehend all the objectives of the project with neither redundancies nor shortcomings

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	<p>GANTT chart Work planning and time schedule Complete the GANTT chart in accordance with the description of the detailed work plan, tasks and deliverables above:</p> <ul style="list-style-type: none"> - 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). <p>Notes:</p> <ul style="list-style-type: none"> - 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'. <p>Compulsory work packages:</p> <ul style="list-style-type: none"> • Coordination, project management and reporting • Data management • Valorisation / Exploitation 	<p>6.2. Work planning of the tasks (*consult the GANTT chart, filled out by the applicants) Is the work planning (time schedule, duration and person-power effort per task) appropriate and feasible to run the project? (horizontal lecture of the GANTT chart, not going into detail for each partner, with recommendations regarding the length and pertinence of the activities within the calendar).</p>	Given the lack of information, this criterion cannot be evaluated	The work planning is not feasible to appropriately run the project	The work planning is not sufficiently adequate or sufficiently elaborated. Structural improvements are needed	The work planning is elaborated in a reasonable way, but contains some gaps or shortcomings and leaves room for improvement	The work planning is elaborated in a well-thought manner, allowing for minor improvements regarding efficiency, integration and synergy within the tasks	The work planning is elaborated in an efficient and cost effective way, clearly focused on reaching a high level of integration and synergy within the tasks
	<p>GANTT chart Workload intensity in relation to the work packages Based on the GANTT chart, provide an overall assessment of the requested level of person-power of each partner throughout the work packages and tasks (Vertical lecture of the GANTT chart, with recommendations regarding the intensity of their activities and pertinence of participation in them).</p>	<p>6.3. Workload intensity in relation to the work packages (*consult the GANTT chart, filled out by the applicants) Provide an overall assessment of the requested level of person-power of each partner throughout the work packages and tasks (Vertical lecture of the GANTT chart, with recommendations regarding the intensity of their activities and pertinence of participation in them).</p>	Given the lack of information, this criterion cannot be evaluated	There is an unacceptable discrepancy between the workload and the investment (person-power) of the partners	The work repartition among partners is not sufficiently justified by the tasks; the requested level of person-power calls for major adjustments	There is a reasonable work repartition among the partners; the requested level of person-power calls for some adjustments	There is a more than appropriate work repartition among the partners; the requested level of person-power may call for minor adjustments	All partners have very fine-tuned, pertinent and cost-effective work efforts throughout work packages and tasks
	<p>Risk assessment: Number, identify and explain the main incurring risks that could delay or hinder the project and the contingency plans / mitigating measures foreseen to deal with them using the risk management form. Locate the number of each risk in terms of its likelihood of occurrence and impact on the project Detailed contingency measures need to be provided for each risk of category "medium high" and "severe".</p>	<p>6.4. Risk assessment of the project How well are the risks evaluated by the applicants? Do they provide an adequate 'fall-back' plan, if needed?</p>	Given the lack of information, this criterion cannot be evaluated	The proposal does not provide a clear view of possible major risks and/or feasible contingency plans	Important risks are overlooked and/or contingency plans are not sufficiently realistic	Adequate assessment of the major risks and reasonable contingency plans	Exhaustive assessment of the risks and good preventive contingency plans	Outstanding assessment of the risks and excellent preventive outline of solutions and alternatives
	<p>Detailed budget FULL PROPOSAL COST TEMPLATE - The information document contains a more detailed explanation regarding the budget rules: see information document (section 2.7 and 2.8.). Please provide the following budget information:</p> <ul style="list-style-type: none"> - Staff costs - General operating costs - Specific operating costs - Overheads - Equipment costs - Subcontracting costs 	<p>6.5. Budget assessment (*consult the Full proposal cost template, filled out by the applicants), Is the budget realistic, well-balanced among partners (if applicable), and in line with the objectives and expected outcomes of the project?</p>	Given the lack of information, this criterion cannot be evaluated	The budget severely overestimates or underestimates fundamental needs of the project, and/or is not in line with its objectives and/or expected outcomes	The budget partially overestimates or underestimates fundamental needs of the project, and/or is not well aligned with its objectives and/or expected outcomes	The budget correctly estimates the fundamental needs of the project, leaving some room for adjustments; it is adequately aligned with the objectives and expected outcomes of the project	The budget correctly estimates all the needs of the project, only leaving room for very minor adjustments; it is very well aligned with the objectives and expected outcomes of the project	The budget is extremely well-thought and optimized. It perfectly estimates all the needs of the project and takes into account the post-project. It perfectly aligns with the objectives and expected outcomes of the project

WEIGHT OF THE DIFFERENT CRITERIA	ALL THEMES	criteria ranges involved (individual weights TBD)
Quality of the proposal and efficiency of the implementation	50%	<ul style="list-style-type: none"> * project objectives * knowledge of SOA & innovative character * coherence between research objectives and methodology * adequacy of the work plan & efficiency
Quality and experience of the network	25%	<ul style="list-style-type: none"> * relevance & potential impact for the BDTIB and NGCAT -> Data Mgt Plan * quality of the partner(s)/partnership
Impact	25%	<ul style="list-style-type: none"> * relevance & potential impact for the BDTIB and NGCAT (all but Data Mgt Plan)