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# Defence Portal Quick-Start Manual

## Version 3.0

To support the Users of the Defence Portal to rapidly establish and maintain an on-line account and submit a proposal to MOD.



MINISTRY OF DEFENCE

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DEFENCE ENTERPRISE



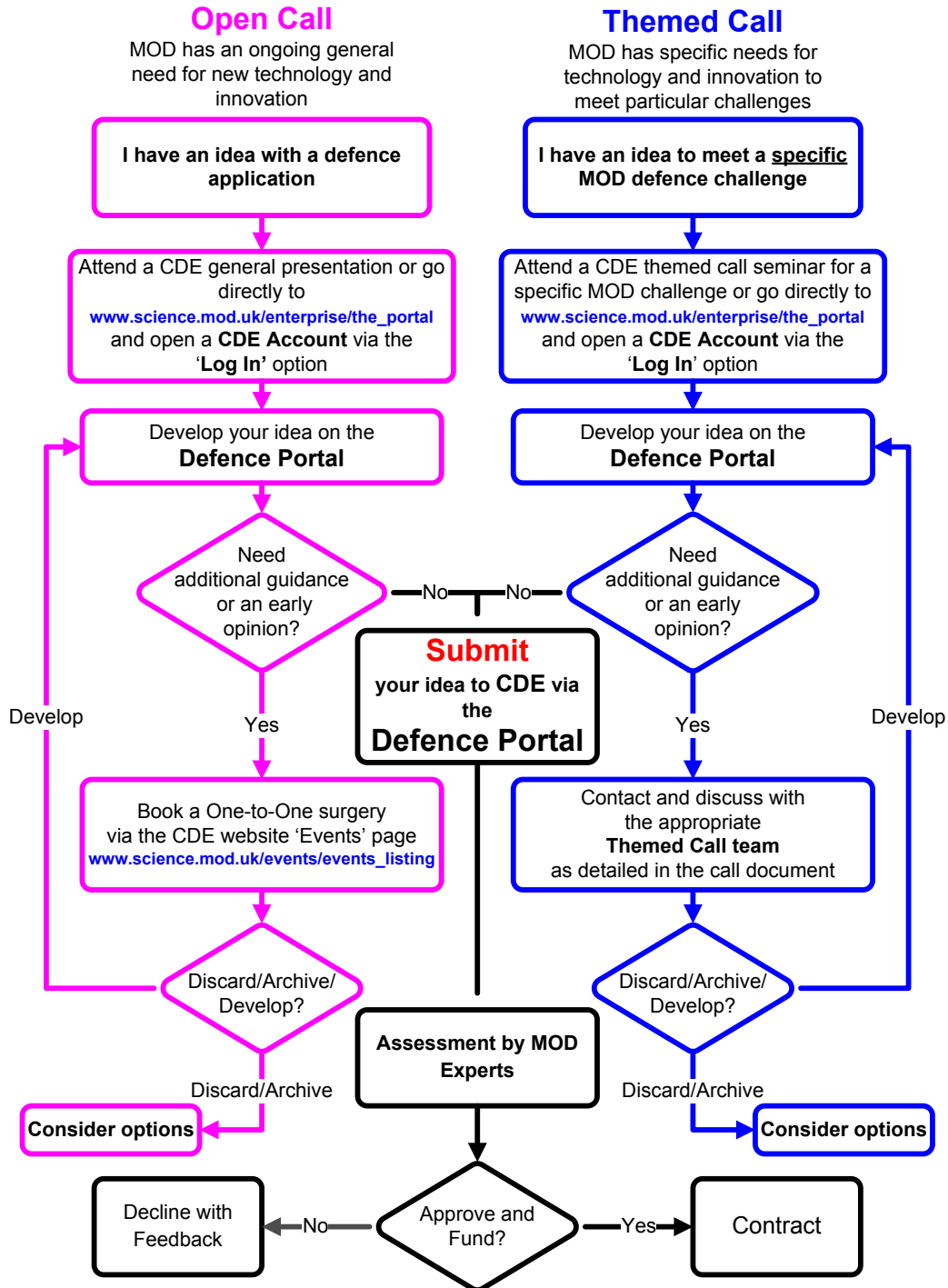
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### CDE Proposal Process




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## DOCUMENT INFORMATION




### VERSION CONTROL

Version	Date issued	Reason for upgrade
1	01 Dec 2009	Initial Issue
2	01 Jul 2010	General amendments and inclusion of drop-down option and sub-option guidance.
2.1	13 Oct 2010	General amendments and clarification on conditions preventing publication.
3	21 Mar 2011	General amendments, clarification on 'My ITT' option, Proposal marking and Technology Readiness Levels (TRLs).

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## Introduction

1. This Quick-Start Manual supports users of [innovative.ideas.mod.uk](http://innovative.ideas.mod.uk) who have innovative ideas and wish to submit one or more proposals to MOD.
2. This Quick-Start Manual makes reference to other manuals that are located on [innovative.ideas.mod.uk](http://innovative.ideas.mod.uk) and [http://www.science.mod.uk/engagement/the\\_portal.aspx](http://www.science.mod.uk/engagement/the_portal.aspx), and these are:
  - a. **Account Manual.** This explains how users of [innovative.ideas.mod.uk](http://innovative.ideas.mod.uk) who have innovative ideas can submit one or more Proposals to MOD.
  - b. **User’s Manual.** This explains how individual users maintain secure access to the account and how support is offered to individuals when using the Portal.
  - c. **Application Manual.** This explains how opportunities are: generated from scratch or from an Invitation to Tender; converted into a proposal; tracked through the assessment process and, when necessary, archived.
  - d. **Technology Application Guidelines.** This is an overview of the overall acquisition process, the application information structures and tasks that support technology innovation and application.
3. The instructions in this Quick-Start Manual are relevant to **Single-user enterprise accounts** and **Multiple-user enterprise accounts**.
4. Users should not rely on this quick guide alone but should become familiar with the detailed information on how to use the Portal provided in the above manuals.

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## QUICK-START GUIDE

1. This Quick-Start guide aims to provide a quick introduction to the key steps to accessing the Portal, choosing and opening an account, developing an Opportunity and submitting a Proposal. Users should not rely on this quick guide alone but should become familiar with the full information on how to use the Portal provided in the manuals, found at [http://www.science.mod.uk/engagement/the\\_portal.aspx](http://www.science.mod.uk/engagement/the_portal.aspx) or [innovative.ideas.mod.uk](http://innovative.ideas.mod.uk).

## ACCESSING THE PORTAL

2. Access the Portal through [http://www.science.mod.uk/engagement/the\\_portal.aspx](http://www.science.mod.uk/engagement/the_portal.aspx). To log in to the Portal select the 'Log In' button on this page.

## OPENING AN ACCOUNT

3. The Account Manual provides full information on opening an account <http://www.science.mod.uk/engagement/documents/260909defenceportalaccountmanual.pdf>
4. The key steps include:

**STEP 0** To open an account, you will need to decide whether you need a **Single User Account** or a **Multi User Account**. A Single User Account is designed for individuals, a Multi User Account is designed for enterprises or organisations who want multiple users to have access to the Portal.


## SINGLE USER ACCOUNT REGISTRATION

(See Account Manual - Page 7)

- STEP 1** Select **Log In** on the Portal webpage.
- STEP 2** Select '**Create New Account**' and enter your E-mail address (User Name) twice. Select **Next**.
- STEP 3** Select '**This account will be used by me and there will be no other users**'
- STEP 4** Select the box to agree with the declaration. Select '**NEXT**'.
- STEP 5** Enter your address and contact details. Select '**FINISH**'

Registration is now complete. You will be sent a system generated password. On receipt of the password you should carry out the following:

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- STEP 6** Select **Log In** on the Portal webpage.
- STEP 7** Enter your e-mail address.
- STEP 8** Enter the system generated password (Hint - copy and paste the password from the e-mail).
- STEP 9** You will only see the 'User Tasks' area. – To gain access to the portal areas your first action is to **change the password**. You will not have full access to the Portal until you do.
- STEP 10** Select '**Change Password**', follow the instructions and input your own password.
- STEP 11** Log-off and back onto the Portal. You now have full user access to the Portal.


## MULTI USER ACCOUNT REGISTRATION

(See Account Manual - Page 7)

- STEP 1** Select **Log In** on the Portal webpage.
- STEP 2** Select '**Create New Account**' and enter your E-mail address (User Name) twice. Select **Next**.
- STEP 3** Select '**The account will be used within my organisation and may have multiple users**'.
- STEP 4** When requested to contact the CDE to verify details, email the following details to CDE at [science-enterprise@mod.uk](mailto:science-enterprise@mod.uk):
- E-mail subject heading: "Multi-user Account Request"
  - Your name and organisation position
  - Your e-mail address (the same as in Step 2)
  - Your enterprise (company/university) name
  - Your postal address
  - Your phone number
  - A statement confirming that the you, as the email sender, are authorised to accept CDE terms and conditions when submitting a proposal.
- STEP 5** On receipt of the email approval to proceed with multi-user registration, repeat Steps 1 to 3.
- STEP 6** Select the box to agree with the declaration. Select '**NEXT**'.
- STEP 7** Enter your address and contact details. Select '**FINISH**'

Registration is complete – you will now be sent a system generated password. On receipt of the password you should carry out the following:

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- STEP 8** Select **Log In** on the Portal webpage.
- STEP 9** Enter your e-mail address – the same as you provided at Steps 2 and 4.
- STEP 10** Enter the system generated password.  
(Hint - copy and paste the password from the e-mail).
- STEP 11** You will only see the ‘User Tasks’ area. – To gain access to the portal areas your first action must be to **change the password**.
- STEP 12** Select ‘**Change Password**’, follow the instructions and input your own password.
- STEP 13** Log-off and back onto the Portal. You now have full user access to the Portal.

## ACCOUNT MANUAL HINTS

- If you need to amend the contact or address details of your company refer to the Account Manual - Page 10 or Page 14 - Edit Enterprise Details.
- For Multiple User Accounts - If you wish to amend or invite other users to access the Portal refer to the Account Manual Page 17 – Enterprise Account Personnel.
- For Multiple User Accounts - When setting up account roles refer to the Account Manual Page 25 – this describes the account role permissions that you can use to set up your Teams to work on your proposals.

## YOUR OPPORTUNITY/PROPOSAL




5. The Technology Application Reference Manual (TARM) provides full information on how to generate an Opportunity and submit a Proposal. The TARM can be found at <http://www.science.mod.uk/engagement/documents/applicationmanual.pdf>
6. It should be noted that your **proposal** is known as an **opportunity** when you are developing it in the Portal, it becomes a **proposal** when it has been submitted to the MOD.
7. The key steps are:

- STEP 1** Select the **Opportunities** link in the My Applications task area to input your new opportunity
- STEP 2** To create a new opportunity for either the Open or Themed call select the **Create New Opportunity** button to create a new opportunity (TARM - Page 12).



**WARNING:**

Do not select the **Create Opportunity from an ITT** button as this is not currently in use.

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- STEP 3** Enter a ‘title’ and ‘description’ (TARM - Page 16);
- Begin the title with the title of the call when submitting a proposal in response to a Themed call. This information can be found in the applicable Themed call document.
  - Capture the essence of your opportunity within the ‘title’ and ‘description’; avoid using pet names and your own acronyms.
  - The ‘title’ and ‘description’ can be amended at any stage (TARM Page 17 – Para 49).

**STEP 4** Select **Create** - you will be returned to the **My Applications** page and will see the opportunity ‘title’ and ‘description’ that you have entered. Your opportunity will now have a unique ref number, use this when contacting MOD.

## DEVELOPING YOUR OPPORTUNITY

(See TARM - Page 19)

**STEP 5** Select **Opportunities** in the **My Applications** task area.



**STEP 6** Identify the opportunity you wish to work on and under the **Tasks** column select **Edit**. This opens the **Manage Opportunity** page.

## MANAGE YOUR OPPORTUNITY

(See TARM – Page 21)

**STEP 7** Input the data applicable to your technology/innovation. Ensure that you ‘add’ each paragraph to the document before proceeding to the next.

- When providing information in the **Military**, **Inventory** and **Supply tabs** it is possible to select from a number of options and/or sub-options in order to describe your technology/innovation. The selection of these options/sub-options is optional – use where they add value or to stimulate thinking on what to include. Where you do not wish to use the options and/or sub options it is acceptable to leave the option as ‘Any’ and input your data into the description box. More guidance on the information that should be entered into the options and sub-options can be found starting at [Page 11](#).
- Each sub-option description box can accommodate a maximum of **1000 characters**, including spaces, symbols and punctuation. Exceeding this count will prevent an opportunity being published and, ultimately, submission as a formal Proposal.
- Your Proposal will be scored using the MOD Performance Assessment Framework (PAF) and can be downloaded at [www.science.mod.uk](http://www.science.mod.uk). See also the “How Your Proposal Is Assessed” section of this guide for a synopsis of the scoring scheme. It is recommended that you consider this when developing an Opportunity.

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- If you add a file attachment it is essential that you ensure the key points of the attachment are also included in the related options/sub options box.
- Attachments must be:
  - Microsoft Word 97 to 2003 compatible.
  - No more than 1Mb maximum file size.
  - Of no more than 4 pages in length.
  - In portrait orientation only.
  - Completely within the document margins.
- Commercial Information – All requested information should be completed



**WARNING:**

**A Proposal submitted with incomplete Commercial Information will be rejected.**

**STEP 8**

‘Publish’ your completed **Opportunity** to a pdf prior to its submission as a **Proposal**.


- When you select Draft or Final the **Publish** button becomes active.
- When you select **Publish**, you will return to the Opportunities Stage View. You will see **Awaiting Publication**, in the Published Status column.
- **Awaiting Publication** should automatically change to **Published** after a few minutes. If it does not then refresh the page by selecting the Home tab and then select the Opportunities tab.



**WARNING:**

**Exceeding the 1000 character count for a sub-option description box or failing to follow the guidance on attachments will prevent an Opportunity from being published and, ultimately, submitted as a Proposal.**

- When an opportunity indicates **Published** in the ‘Published Status’ column of the Opportunities Stage view, it has been converted to a pdf document. (TARM Page 21/22).
- Before viewing the Opportunity as a pdf document confirm the following:
  - Ref column - The Ref number has been underlined.
  - Status column – Final or Draft.
  - Published Status – Published.
- Select the underlined Ref number to view the pdf document.
- **Hint: Assessors will review your proposal in pdf format – it is therefore recommended that you review your Opportunity in this format before submitting it.**

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## STEP 9

Submit your Opportunity.

- Before you can submit your opportunity you must select Final and Publish in the **Manage Opportunity** Stage view. From the Opportunities Stage view you must then ensure your opportunity is showing as:
  - **Status column – Final.**
  - **Published Status column – Published.**
  - **Task column - Submit**
  - **Select the Submit button in the Task column. (TARM Page 36).**
- Agree Terms and Conditions then select the **Submit** button.



### **WARNING:**

**Your Opportunity will not be submitted by the system as a Proposal until you have selected the **SUBMIT** button, ticked to agree the terms and conditions and then selected the **SUBMIT** button again.**

## TRACKING THE PROGRESS OF YOUR PROPOSAL

### STEP 10

You can track the progress of your Proposal through the **Proposal** Tab.

- If you cannot see your **Proposal** in the **Proposal** Tab, select the **Archives** Tab to track progress.
- To confirm that your **Proposal** has been successfully submitted and received by MOD you should monitor the status of your proposal on the **Proposal** Tab of the Portal (see TARM Page 38). A status of '**SUBMITTED**' indicates that your **Proposal** has been submitted to MOD. A status of '**RECEIVED**' indicates that your **Proposal** has been physically reviewed and accepted as a proposal by MOD.





### **WARNING:**

**Only when a status of 'SUBMITTED' appears in the STATUS column of the Proposals view do you have confirmation that your Proposal has been successfully SUBMITTED to MOD.**



### **WARNING:**

**Only when a status of 'RECEIVED' appears in the STATUS column of the Proposals view do you have confirmation that your Proposal has been successfully, reviewed and accepted by MOD.**

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**Hints**

- Never exit the **Manage Opportunity** page by using the browser’s Back button. (TARM Page 21/22).
- Select the **Save** button at regular intervals when developing your Opportunity. (TARM Page 21/22).
- Your Opportunity can be Reset to Draft if you wish to return to the **Manage Opportunities** page to amend your Opportunity after selecting Draft or Final and Publish.
- You must ensure that you are satisfied that your Opportunity is complete before it is submitted to the MOD. After it has been submitted it will be checked for completeness and if it is rejected it cannot be submitted again under the same proposal reference number.
- If you are not able to submit or reset to draft and are working within a multi-user account – check your permissions.

## HOW YOUR PROPOSAL IS ASSESSED

Proposals submitted via the defence Portal are assessed using the Performance Assessment Framework (PAF). The PAF provide a common framework across the MOD Research Programme for assessing proposals and calls for proposals for new research, technology, innovation, for assessing on-going work, and for measuring success on completion. A full version of the PAF assessment guide is available on this link: <http://www.science.mod.uk/engagement/documents/performance%20assessment%20framework%20version%203.pdf>

A summary of the PAF scoring system is as follows:

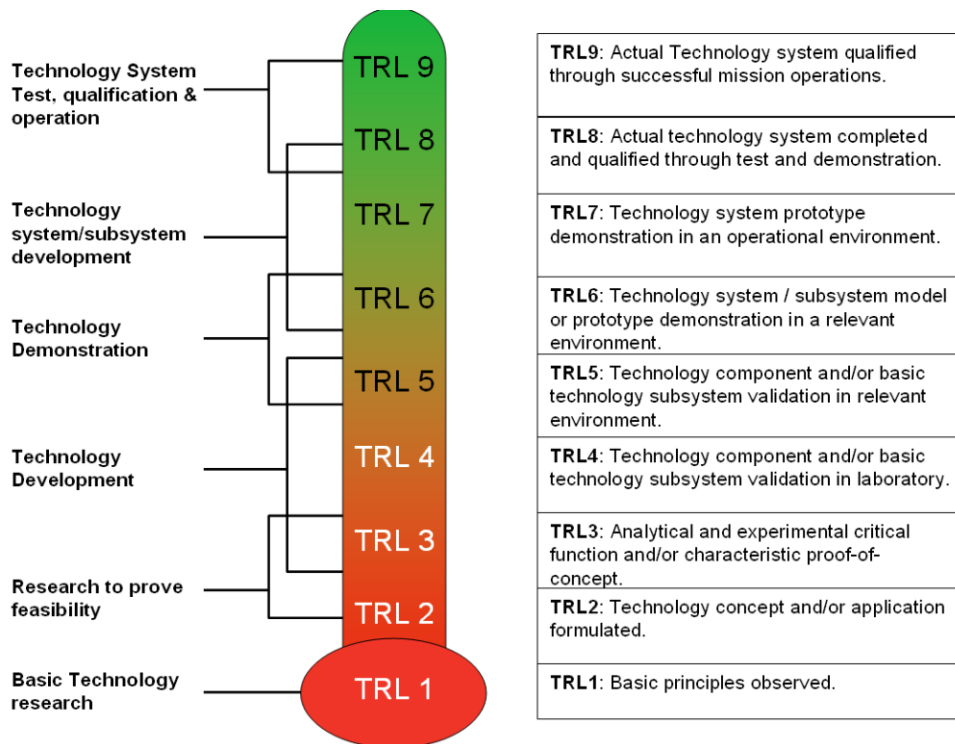
Score	Operational Relevance  (a)	Likelihood of Exploitation  (b)	Builds Critical S&T Capability to Meet UK Needs  (c)	Scientific Quality / Innovation  (d)	Pushing the Limits (S&T risk)  (e)  <a href="#">(See Note 1)</a>
<b>4</b> Exceptional	Substantial, critical impact	Extremely exploitable	Builds absolutely critical S&T capability for meeting needs tomorrow and in the future	World leading Hugely innovative science	Pushing very hard at the limits
<b>3</b> Very Good	Major impact	Exploitable	Builds requisite critical S&T capability for meeting needs tomorrow and in the future	High quality Innovative	Pushing hard at the limits
<b>2</b> Fairly good	Incremental impact	Can be exploited with significant effort	Builds potentially useful S&T capability for meeting needs tomorrow and in the future	Good science Incremental	Pushing at the limits
<b>1</b> Unacceptable	Little impact	Unlikely to be exploited	Builds S&T capability which is unlikely to be required for meeting needs tomorrow and in the future	No scientific basis Already done	Not really pushing at the limits

Note:

1. The PAF uses a metric which assesses the extent to which the programme is 'pushing at the limits' as a measure of scientific and technical risk. A high score is sought as it is indicative of novel science or innovation that could support new or increased military capability.



## TECHNOLOGY READINESS LEVELS

Technology Readiness Levels (TRL) provide a tangible indication of the maturity of technology dependencies. By assessing the risk of achieving in-service maturity and integration of each element of the system it is possible to determine, and hence manage, the technology and integration risk within an individual project.



Further information on TRLs can be obtained from the MOD Acquisition Operating Framework website using the following link:

[www.aof.mod.uk/aofcontent/tactical/techman/downloads/trl\\_definitions.pdf](http://www.aof.mod.uk/aofcontent/tactical/techman/downloads/trl_definitions.pdf)

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## MILITARY, INVENTORY AND SUPPLY TABS OPTION AND SUB-OPTION DROP-DOWN MENUS

When providing information in the **Military, Inventory** and **Supply tabs** it is possible to select from a number of options and/or sub-options to describe your technology/innovation. The selection of these options/sub-options is optional – use where they add value or to stimulate thinking on what to include. Where you do not wish to use the options and/or sub options it is acceptable to leave the option as ‘Any’ and input your data into the description box.


The following guidance addresses the information that should be considered for the drop-down menus within each of the three main areas within your opportunity.

### MILITARY DETAILS:

How your idea might contribute to current and/or future military operations

#### Military Scenario - In what situation might your innovation be used?


Under this question you should describe the military scenario that you believe that your innovation or idea could contribute to. The options and sub-options are provided to stimulate your thinking and may be used to structure your proposal.

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## Military Scenario Information Options

Scenario Options	Sub-option	Description and examples
<b>Context:</b> Defines the operational context in which your innovation would contribute to military capability.	Geospatial	Where in the world. In what operational theatre. E.g. Afghanistan.
	Societal	Nature of operation. Peace-keeping, Force-projection, Offensive operations, Disaster relief, Security.
	Political	Political intent. Protecting UK interests, Stabilisation of critical supplies and strategic resources.
	Environmental	Environmental conditions. Air, Land, Sea, Desert, Temperature, Dust, Humidity.
	Temporal	Time based. Night/Day, Current operations, Future operations
	Commercial	Impact on UK commercial/financial interests. E.g. response to climate change and availability of strategic resources.


Scenario Options	Sub-option	Description and examples
<b>Player:</b> Defines the nature of personnel roles that could be impacted by your innovation.	Opposing forces	Adversaries, e.g. opposing state armed forces.
	Unknown status	Individuals of unknown status or intent. E.g. could be non-actors or terrorists and insurgents.
	Supporting forces	Allies, UK Forces, coalition forces,.
	Bystanders	Neutrals e.g., public. Charities, disaster relief organisations.

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Scenario Options	Sub-option	Description and examples
<b>Effectors:</b> Defines how your innovation may impact physical aspects of the military situation.	Vehicles	Fighting, Logistic, military and civilian transport
	Facilities	Communication, military and political headquarters, fortifications, commercial and domestic buildings/complexes
	Infrastructure	Roads, rail, ports, airports, utilities, water, oil wells and refineries, power generation and distribution, communication centres and distribution networks
	Weapons	IEDs, landmines, gun and missile emplacements, chemical and biological agents, computer network attack

Scenario Options	Sub-option	Description and examples
<b>Tactics:</b> Defines how your innovation affects the approach and methods in use in the military situation.	Acquisition	How military equipment, training and support is acquired. E.g. 'power by the hour', civilian contractor support, open system based approaches
	Storage	Power, weapon, information, people
	Transit	The movement of equipment, people, information etc. E.g. implementing change, e.g. use of autonomy, asset tracking.
	Concealment	Concealing people, equipment, information e.g., camouflage, stealth, media operations, encryption
	Evacuation	Removal of non-effective combatants and equipment from operations e.g. casualty and humanitarian evacuation
	Recovery	Recovery of people and equipment e.g. hostages, sensitive equipment from opposing forces, unexploded ordnance
	Retirement	Retirement of equipment, people, information. E.g. archiving, pensions, life-time care of injured personnel, equipment disposal/recycling.


## Military Organisation – Who might use your idea in Defence?

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Under this question you should describe who in the military would make use of your innovation and what the impact would be on the way the military is organised. The options and sub-options are provided to stimulate your thinking and may be used to structure your proposal.


Organisation Options	Sub-option	Description and examples
<b>Navy:</b> Defines how your innovation may be used by the Navy and the impact on Naval organisation, including Royal Marines, sailors, submariners, SBS, naval air crew.	Combat	Fighting forces.
	Engineering	E.g., Marine, weapon, air or communication engineers.
	Logistics and support	Personnel undertaking e.g. refuelling, resupply, dock management, catering, domestic management, storage.
	Intelligence, IT and Communications	People providing e.g. decision support, visualisation, metrological, media
	Medical	Doctors, dentists, nurses
	HR and finance	People providing HR and financial services e.g. recruitment, post operational support, managing pay, pensions and allowances.
	Music and ceremonial	E.g. Bands, display teams, ceremonial duties.

Organisation Options	Sub-option	Description and examples
<b>Army:</b> Defines how your innovation may be used by the Army and the impact on Army organisation including special forces.	Combat	Fighting forces.
	Engineering	E.g. Bridge laying, fortifications, weapon, air or comms engineers.
	Logistics and support	Personnel undertaking e.g. refuelling, resupply, base management, catering, domestic management, storage.
	Intelligence, IT and communications	People providing e.g. decision support, visualisation, metrological, media
	Medical	Doctors, dentists, nurses
	HR and finance	People providing HR and financial services e.g. recruitment, post operational support, managing pay, pensions and allowances.
	Music and ceremonial	E.g. Bands, display teams, King's Troop, ceremonial duties.

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Organisation Options	Sub-option	Description and examples
<b>Air Force:</b> Defines how your innovation may be used by the Air Force and the impact on Air Force organisation including the RAF Regiment.	Combat	Fighting forces.
	Engineering	E.g., aircraft, weapon, or communication engineers.
	Logistics and support	Personnel undertaking e.g. refuelling, resupply, base management, catering, domestic management, storage.
	Intelligence, IT and communications	People providing e.g. decision support, visualisation, metrological, media.
	Medical	Doctors, dentists, nurses
	HR and finance	People providing HR and financial services e.g. recruitment, post operational support, managing pay, pensions and allowances.
	Music and ceremonial	E.g. Bands, display teams, Red Arrows, ceremonial duties.

Organisation Options	Sub-option	Description and examples
<b>Joint:</b> Defines how your innovation may be used by Joint services and the impact on the organisation of Joint services including Navy, Army and Air Force.	Combat	Fighting forces.
	Engineering	E.g., platform (air, sea, land), weapon, or communication engineers.
	Logistics and support	Personnel undertaking e.g. refuelling, resupply, base management, catering, domestic management, storage.
	Intelligence, IT and communications	People providing e.g. decision support, visualisation, metrological, media
	Medical	Doctors, dentists, nurses
	HR and finance	People providing HR and financial services e.g. recruitment, post operational support, managing pay, pensions and allowances.
	Music and ceremonial	E.g. Bands, display teams, ceremonial duties.

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Organisation Options	Sub-option	Description and examples
<b>Defence Command:</b> Defines how your innovation may be used by Defence Command and the impact on planning and management of Defence.	Resource management	Planning and management of force structures, equipment, training, information etc
	Scenario modelling and forecasting	Prediction of current and future operational scenarios, e.g. location of future operations, environmental conditions, political context
	Decision making	e.g. Decision support aids, operational analysis, autonomy, military judgement
	Information prioritisation	Interpretation and weighting of information within the operational context.

Organisation Options	Sub-option	Description and examples
<b>Defence Intelligence.</b> Defines how your innovation may be used by Defence Intelligence staff and the impact on Defence intelligence.	Engineering experts	E.g. Understanding adversary defence technical capabilities, system development, operation and performance
	Scientific experts	E.g. Understanding adversary defence technical capabilities, horizon scanning, new approaches
	Linguists	Language translation and comprehension.
	Image analysts	Qualitative and quantitative interpretation of information in imagery.
	Information analysts	Qualitative and quantitative interpretation of information from all sources, including signals intelligence, other media sources.

## Military Engagement Functional Capabilities – What military capabilities are to be improved?


How would your innovation impact on the various functions performed by the Military?

## Military Capability Information Options

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Engagement Capability Option	Sub-Option	Description/Details of examples
<b>Inform.</b> How would your innovation improve shared situational awareness and an understanding of what needs to be done.	Education	Ensuring military personnel have relevant knowledge and understanding. E.g. historical perspectives, current techniques, emerging theory/technology.
	Training	Ensuring military personnel have the necessary skills and capabilities to undertake their military functions.,
	Networking	Techniques and knowledge that enable effective interaction between personnel and with equipment.
	Reporting and feedback	Methods, tools and techniques to allow efficient and concise communication of information. E.g. up and down levels of military command.

Engagement Capability Option	Sub-Option	Description/Details of examples
<b>Command.</b> How would your innovation improve the effective tasking of military resources.	Initiating	Setting military objectives.
	Planning	Aligning military resources (people, equipment etc) to military objectives.
	Enacting	Deploying military resources (people, equipment etc).
	Controlling	Monitoring and re-deploying resources (people, equipment etc).
	Concluding	Reconciling objectives versus outcomes.

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Engagement Capability Option	Sub-Option	Description/Details of examples
<b>Prepare.</b> How would your innovation contribute to the development of effective military resources?	Intelligence gathering	Ensuring availability of information needed to plan the development of resources ahead of being required.
	Operational planning	Sequencing the future availability of appropriate resources.
	Logistic management	Ensuring availability of the means to deploy resources.
	Deceptions and counter intelligence	Deceiving adversaries about the resources available to UK Defence to prevent the development of effective counter forces.
	Assembling	Bringing resources together ready for operations.

Engagement Capability Option	Sub-Option	Description/Details of examples
<b>Operate.</b> How would your innovation contribute to the delivery of Military effect?	Capability parameters – mission specific	Factors and innovations that directly impact the delivery of a specific military effect within a specific mission. E.g. targeting accuracy, energy transfer.
	Interoperability parameters	How specific military effects aggregate and interact to produce an overall military effect. E.g. coalition forces working together, distributed 'sensor/shooter' combinations.
	Operational support parameters	How support activities are used to enable or enhance the delivery of military effect. E.g. improved wind speed and direction prediction to improve weapon accuracy.
	Human Interaction parameters	How personnel interact to optimise delivery of military effect. E.g. Cooperative interaction between different force elements.




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Engagement Capability Option	Sub-Option	Description/Details of examples
<b>Protect.</b> How your innovation would protect UK Forces against casualties and loss of equipment and information.	Known threats	Having a clear understanding of the threats and capabilities faced by UK Forces.
	Threat avoidance	Remaining out of reach of enemy forces or military capability.
	Secrecy	Ensuring adversaries are unaware of your presence.
	Reduced recognition	Ensuring adversaries do not recognise UK Forces as a threat or potential adversary.
	Resilience to weapon effects	Surviving and recovering from enemy attack.

Engagement Capability Option	Sub-Option	Description/Details of examples
<b>Project.</b> How will your innovation contribute to military force projection?	Support to forward line.	Deploying appropriate resources to the military front-line at a tempo fast enough to ensure mission success.
	Pursuit	Being able to deploy appropriate resources fast enough to maintain contact with mobile and evolving enemy forces.
	Securing objectives.	Deploying adequate resources to maintain military objectives until they can be consolidated. E.g. holding territory or enemy facilities.
	Position consolidation	Ensuring that objectives (suppressing enemy capability, holding territory etc) can be maintained for as long as is required to complete the mission.
	Defensive options	Projection through defence. E.g. strategic deterrent, ballistic missile defence.
	Unplanned lull	Maintaining force readiness and capability during periods of unplanned activity.
	Reorganising and regrouping	Having the ability to re-organise and regroup resources to maintain force projection within a changing scenario.

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Engagement Capability Option	Sub-Option	Description/Details of examples
<b>Sustain.</b> How will your innovation contribute to the sustainment of UK military capability?	Research and Development	The ability to stimulate new ideas, new ways of working, new equipment etc and grow military capability to develop and maintain competitive military advantage.
	Design configuration.	The ability to ensure that defence resources can be rapidly and effectively configured and reconfigured to meet emerging defence needs – providing agile and flexible forces.
	Acquisition.	Ensuring access to the right resources for ongoing and evolving military needs.
	Storage.	Ensuring optimum stocks of military resources, e.g. trained people, munitions.
	Movement and distribution	Availability of the means to move and distribute military resources as and when required.
	Maintenance.	Ensuring military resources are optimally maintained for effectiveness and use.
	Evacuation	Removal of military resources as they become ineffective.
	Disposition	Maintaining the right resources in the right place at the right time.

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## INVENTORY INFORMATION SET

How the outputs and deliverables of your work may be included within, or add to, the overall inventory of Defence materiel.


### Inventory Information Options

#### Requirements - what functions will your innovation perform?

What are the functions that your innovation will perform and what other functional components will it depend upon or need to interface with? This section should focus on the function rather than the physical embodiment of your innovation.

Requirement Options	Sub-option	Description/Details of examples
<b>Operational.</b> What is the primary function that your innovation addresses?	Internal	What function is your actual innovation going to perform? E.g. My innovation will perform accurate prediction of ballistic trajectories.
	External	What function may be performed when your innovation is incorporated into a Defence system? E.g. When integrated into a weapon system my innovation will enable more accurate weapons delivery.
	Interface	What are the other functional components that your innovation will need to interface with in order to perform its function within Defence? E.g. To integrate my innovation within a weapon system my innovation will need to interface to platform coordinate and trajectory measurements, target position information and weather information.

Requirement Options	Sub-option	Description/Details of examples
<b>Usability:</b> What is the functional user interfaces associated with your innovation?	Internal	What is the functional user interface for your innovation?
	External	What is the functional user interface for your innovation when incorporated into a Defence system?
	Interface	What's the functional interaction between the functional user interface of your innovation and those that it needs to interface with?


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Requirement Options	Sub-option	Description/Details of examples
<b>Affordability:</b> What are the functional cost implications of your innovation?	Internal	What are the functional cost implications of your actual innovation?
	External	What are the wider functional cost implications of incorporating your innovation into Defence?
	Interface	What costs elsewhere in Defence will be affected by the function of your innovation?

Requirement Options	Sub-option	Description/Details of examples
<b>Availability:</b> What factors would affect the availability of the function performed by your innovation?	Internal	What factors within your innovation may impact its ability to deliver its function as and when required by Defence?
	External	What factors external to your innovation may impact its ability to deliver its function as and when required by Defence?
	Interface	What interface interactions may affect the ability of your innovation to deliver its function as and when required by Defence?

Requirement Options	Sub-option	Description/Details of examples
<b>Safety:</b> What are the safety issues associated with the function of your innovation?	Internal	What safety issues are raised by the function your innovation will perform?
	External	What wider safety issues may be raised by your innovation when used within Defence?
	Interface	What functional interfaces are required to address the safety issues associated with your innovation?

Requirement Options	Sub-option	Description/Details of examples
<b>Security:</b> What are the security issues associated with the function of your	Internal	What security issues are raised by the function your innovation will perform?
	External	What wider security issues may be raised by your innovation when used within Defence?

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innovation?	Interface	What functional interfaces are required to address the security issues associated with your innovation?
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## Solutions – How does your innovation work?

What are the physical / technical characteristics of your innovation? What are the essential parts and how to they fit together?

Solution Options	Sub-option	Description/Details of examples
<b>Architectures:</b> What is the design / partitioning of your proposed solution?	People	How are the parts played by people in your solution organised, if applicable. E.g. in a training solution, this would show how the roles of all the people involved would be organised
	Information	How information is partitioned and organised in your solution, if applicable.
	Process	The process design in your solution, if applicable.
	Equipment	The design / partitioning of the components / equipment / tools in your solution, if applicable.

Solution Options	Sub-option	Description/Details of examples
<b>System / Subsystem:</b> What is the physical / technical embodiment of your innovation?	People	The overall part played by people in your solution, if applicable
	Information	The overall part played by information in your solution, if applicable
	Process	The overall part played by process within in solution, if applicable
	Equipment	The overall part played by components / equipment / tools in your solution, if applicable

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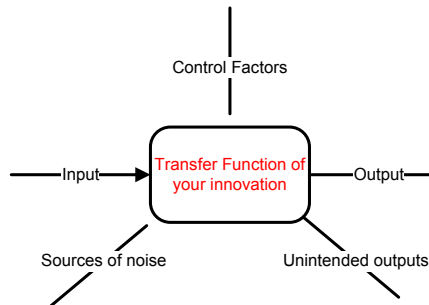
Solution Options	Sub-option	Description/Details of examples
<b>Module:</b> What are the key sub-elements of your solution?	People	The key parts played by people in your solution, if applicable
	Information	The key parts played by information in your solution, if applicable
	Process	The key parts played by process in your solution, if applicable
	Equipment	The key parts played by components / equipment / tools in your solution, if applicable

Solution Options	Sub-option	Description/Details of examples
<b>Interface:</b> What are the critical interfaces associated with your solution?	People	The critical human interfaces / interactions associated with your solution
	Information	The critical information interfaces / interactions associated with your solution
	Process	The critical process interfaces / interactions associated with your solution
	Equipment	The critical interfaces / interactions between components / equipment / tools associated with your solution

Solution Options	Sub-option	Description/Details of examples
<b>Adaptor:</b> What extras are required to incorporate your solution within Defence?	People	What are the additional human aspects required to ensure your solution can work with, for example, legacy solutions e.g. a language translator, change in communication method,
	Information	What are the additional information aspects required to ensure your solution can connect to, for example, legacy solutions e.g. a look up table, co-ordinate translator, meta data
	Process	What are the process changes / additions required to ensure your solution can work with, for example, legacy solutions e.g. change of maintenance schedule, operating procedures, tactics, doctrine
	Equipment	What are the additional components / physical adaptors required to ensure your solution can connect to, for example, legacy solutions, e.g. cable adaptors, mechanical mounting adaptors


## Critical Parameters – What factors are most critical to the success of your innovation?

What are the factors that are critical to the success of your innovation (e.g. inputs, outputs, noise) and which of these can you control and which are beyond your control?



Critical Parameter Options	Sub-option	Description/Details of examples
<b>Transfer Function:</b> What does your innovation do to convert its input to its output?	Functional	What function does your innovation perform in order to turn the functional inputs into the functional outputs?
	Physical	What does your innovation physically do in order to turn the physical inputs into the physical outputs?

Critical Parameter Options	Sub-option	Description/Details of examples
<b>Primary Input:</b> What are the primary inputs?	Functional	What is the primary functional input to your innovation, e.g. what function are you going to operate on with your innovation?
	Physical	What is the primary physical input to your innovation, e.g. power, input signal, kinetic energy?


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Critical Parameter Options	Sub-option	Description/Details of examples
<b>Primary Output:</b> What are the primary outputs?	Functional	What is the primary functional output produced by your innovation?
	Physical	What is the primary physical output produced by your innovation? E.g. modulated waveforms.

Critical Parameter Options	Sub-option	Description/Details of examples
<b>Control Factors:</b> These are the things that you can and will perform / control within your innovation.	Functional	Functional control factors, E.g. integration, energy conversion.
	Physical	Physical control factors, E.g. temperature / pressure change

Critical Parameter Options	Sub-option	Description/Details of examples
<b>Noise Sources:</b> Unintended inputs or inputs that cannot be controlled by your innovation.	Functional	Uncontrolled functional inputs.
	Physical	Uncontrolled physical inputs, e.g. electrical disturbances or changes in solar radiation.

Critical Parameter Options	Sub-option	Description/Details of examples
<b>Unintended Outputs:</b> Unintended outputs that could affect other people / systems.	Functional	Unintended functional outputs that could act as sources of harm, noise or interference to others.
	Physical	Unintended physical outputs that could act as sources of harm, noise or interference to others. E.g. electromagnetic radiation, toxic gases, bright light.

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## Performance Assessment – How will you assess the performance of your innovation?

How will you assess the performance of your innovation to test how well it works and to prove to others what it can achieve?

Critical Parameter Options	Sub-option	Description/Details of examples
<b>Modelling:</b> Use of mathematical / physical models	People	People / human roles within modelling activity.
	Information	Information sources and structures used within the model.
	Process	Modelling process used.
	Equipment	Modelling hardware used.

Critical Parameter Options	Sub-option	Description/Details of examples
<b>Measurement:</b> Measurement of physical parameters, e.g. input, output, noise etc.	People	People used as part of the measurement activity.
	Information	Parameters measured or controlled as part of the measurement activity.
	Process	The measurement process.
	Equipment	Equipment / apparatus for measurement or control.

Critical Parameter Options	Sub-option	Description/Details of examples
<b>Demonstration:</b> Demonstration of your innovation to show functional and / or physical effects.	People	The role people will play in your demonstration.
	Information	Information sources and structures to be used in your demonstration.
	Process	The form or process underpinning your demonstration.
	Equipment	The physical equipment / apparatus or facilities to be used within the demonstration.

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Critical Parameter Options	Sub-option	Description/Details of examples
<b>Design Validation.</b> Evidence of formal validation of innovation design.	People	The role people will play in validating your innovation design.
	Information	Information that will underpin your design validation
	Process	Your design validation process.
	Equipment	The physical equipment / apparatus or facilities to be used within the design validation.

Critical Parameter Options	Sub-option	Description/Details of examples
<b>Design Verification:</b> Evidence that the innovation performance is consistent with the design.	People	The role people will play in verifying your innovation design.
	Information	Information that will underpin your design verification.
	Process	Your design verification process.
	Equipment	The physical equipment / apparatus or facilities to be used within the design verification.

Critical Parameter Options	Sub-option	Description/Details of examples
<b>Evidence Assessment:</b> Means by which evidence of performance is assessed / reviewed.	People	People who will assess your evidence.
	Information	Information to be assessed.
	Process	Assessment process.
	Equipment	The physical equipment / apparatus or facilities to be used for the assessment.

## Intellectual Capital – What Intellectual Property is associated with your proposal?

IC includes the intellectual property (e.g. patents) as well as the associated know-how. Often when the deliverable from a research contract is, say, a report the IC generated of greatest value is the associated know-how as opposed to the report itself.


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What IP and associated know-how supports and will be generated under your proposal?

How might the IC generated under your proposal be exploited in Defence?


IC Management Options	Sub-option	Description/Details of examples
<b>Background IP:</b> This is the IP which your proposal will access.	Original idea	The IP that underpins your proposal.
	Current owner	Who owns the IP that underpins your proposal.
	Previous usage	Has the IP that underpins your proposal been exploited elsewhere? If so, where?
	Access rights	Confirmation of your right to access the background IP that underpins your proposal and the form that this will take.

Critical Parameter Options	Sub-option	Description/Details of examples
<b>Foreground IP:</b> This is the IP which your proposal will generate.	Usage in defence	The IP generated under your proposal that might be accessible and exploitable within Defence.
	Usage non-defence	The IP generated under your proposal that might be accessible and exploitable outside of Defence.
	Ownership	Who will own the IP generated by your proposal? E.g. you or a sub-contractor?
	Access rights	Who will have access rights to the IP generated by your proposal?

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Critical Parameter Options	Sub-option	Description/Details of examples
<b>Skills &amp; know how:</b> The knowledge that will be generated under your proposal.	In-house	The knowledge that will be generated within your own company under your proposal.
	Sub-contractor	The knowledge that will be generated within any sub-contractor under your proposal.
	Availability to Defence	The availability of the knowledge generated under your proposal to Defence.

Critical Parameter Options	Sub-option	Description/Details of examples
<b>Differentiators:</b> How is the way you intend to manage IC better than current practices?	Quality	The performance of your IC management.
	Cost	The cost of your IC management.
	Timing	The timing of your IC management.

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## Stakeholder Management - How will the Defence Community benefit from your innovation?

How would stakeholders within the Defence Community be managed to enable exploitation of the deliverables generated under your proposal?

How would you enable continuous improvement and collective risk avoidance through stakeholder management?

Stakeholder Management Options	Sub-option	Description/Details of examples
<b>Upstream application stage(s)</b> The stakeholders of previous work that your proposal will access.	Your enterprise	The stakeholders within your enterprise. E.g. your organisation or company.
	Investors	The investing stakeholders. E.g. MOD (CDE).
	Supply capability community	Relevant stakeholders within the supply network. E.g. owners of background IP.
	Military engagement community	Military stakeholders. E.g. Army, Navy, Air Force.

Stakeholder Management Options	Sub-option	Description/Details of examples
<b>Current application stage</b> The stakeholders of the work that will be carried out under this proposal.	Your enterprise	The stakeholders within your enterprise. E.g. your organisation or company.
	Investors	The investing stakeholders. E.g. MOD (CDE).
	Supply capability community	Relevant stakeholders within the supply network. E.g. sub-contractors.
	Military engagement community	Military stakeholders. E.g. Army, Navy, Air Force.

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Stakeholder Management Options	Sub-option	Description/Details of examples
<b>Downstream application stages</b> The stakeholders whose buy-in is necessary for the exploitation of the deliverables generated under your proposal.	Your enterprise	The stakeholders within your enterprise. E.g. your organisation or company.
	Investors	The investing stakeholders. E.g. MOD (CDE).
	Supply capability community	Relevant stakeholders within the supply network. E.g. potential exploiters of your IP, such as through licensing agreements.
	Military engagement community	Military stakeholders. E.g. Army, Navy, Air Force.

## SUPPLY DETAILS:

How your idea might contribute to current and/or future supply capability.

## Supply Scenario - In what business situation might your innovation be delivered?


Under this question you should describe the business scenario that your innovation or idea would be delivered in. The options and sub-options are provided to stimulate your thinking and may be used to structure your proposal.

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## Scenario Information Options




Supply Scenario Options	Sub-option	Description and examples
<b>Context:</b> Defines the business context in which your innovation would be delivered.	Geospatial	Where in the world would the work take place. . E.g. in the UK or overseas.
	Societal	Nature of the supply scenario. E.g. a single company, partnerships, impact on UK unemployment.
	Political	Political context of the business arrangement. E.g. Protecting UK interests, Stabilisation of critical supplies and strategic resources.
	Environmental	Environmental context of the business arrangement. E.g., impact on climate change, carbon footprint.
	Temporal	The time-based implications for this supply scenario. E.g.. Long-term partnering agreement.
	Commercial	Impact on UK commercial/financial interests. E.g. availability of strategic resources.

Scenario Options	Sub-option	Description and examples
<b>Player:</b> Defines the nature of personnel roles that could be impacted by your innovation.	Opposing businesses	Competing businesses.
	Unknown status	Businesses of unknown status or intent.
	Supporting businesses	Businesses who are providing a supporting role. E.g. through collaboration or supply.
	Bystanders	Neutrals. E.g., public bodies.

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Scenario Options	Sub-option	Description and examples.
<b>Effectors:</b> Defines how your innovation may impact physical aspects of the supply situation.	Vehicles	Necessary transportation.
	Facilities	Communication, company headquarters, manufacturing plants.
	Infrastructure	Internet, power generation and distribution, communication centres and distribution networks.
	Competitive products	Impact on competitive products.


Scenario Options	Sub-option	Description and examples
<b>Tactics:</b> Defines how your innovation affects the approach and methods in use in the supply base	Acquisition	How technical / supply capabilities are acquired.
	Storage	How technical / supply capabilities are maintained.
	Transit	How technical / supply capabilities are moved.
	Concealment	How technical / supply capabilities are concealed / secured from competitors or enemies.
	Evacuation	Removal of non-effective technical / supply capabilities.
	Recovery	Recovery of technical / supply capabilities.
	Retirement	Retirement of technical / supply capabilities.

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Supply Organisation – Who do you need to work with to develop / exploit your innovation?

Under this question you should describe who in the supply base you need to work with to develop / exploit your innovation and what the impact it would have on the way the supply base is organised.


Organisation Options	Sub-option	Description and examples
<b>MOD:</b> There are occasions in which MOD supplies itself. E.g. training.	Engineering	Who you would need to work with and what the impact is on MOD's engineering supply capability. E.g. the need to work with, and the impact on, Royal Engineer regiments employed to engineer Forward Operating Bases as a result of an innovation related to novel in-theatre power generation.
	Finance	Who you would need to work with and what the impact is on MOD's finance capability.
	Legal	Who you would need to work with and what the impact is on MOD's legal capability.
	Manufacturing	Who you would need to work with and what the impact is on MOD's manufacturing capability. E.g. MOD's ability to manufacture training programmes for its Armed Forces.
	Purchase	Who you would need to work with and what the impact is on MOD's purchasing capability.
	Logistics	Who you would need to work with and what the impact is on MOD's logistics capability.
	Sales and marketing	Who you would need to work with and what the impact is on MOD's capability to promote the UK Armed Forces. E.g. recruitment, Help for Heroes, public support.

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Organisation Options	Sub-option	Description and examples
<b>Primes:</b> Prime contractors.	Engineering	Who you would need to work with and what the impact is on relevant prime company engineering supply capabilities.
	Finance	Who you would need to work with and what the impact is on relevant prime company finance capabilities.
	Legal	Who you would need to work with and what the impact is on relevant prime company legal capabilities.
	Manufacturing	Who you would need to work with and what the impact is on relevant prime company manufacturing capabilities.
	Purchase	Who you would need to work with and what the impact is on relevant prime company purchasing capabilities.
	Logistics	Who you would need to work with and what the impact is on relevant prime company logistics capabilities.
	Sales and marketing	Who you would need to work with and what the impact is on relevant prime company sales and marketing capabilities.


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Organisation Options	Sub-option	Description and examples
<b>Tiers:</b> Sub-contractors	Engineering	Who you would need to work with and what the impact is on relevant tier engineering supply capabilities.
	Finance	Who you would need to work with and what the impact is on relevant tier finance capabilities.
	Legal	Who you would need to work with and what the impact is on relevant tier legal capabilities.
	Manufacturing	Who you would need to work with and what the impact is on relevant tier manufacturing capabilities.
	Purchase	Who you would need to work with and what the impact is on relevant tier purchasing capabilities.
	Logistics	Who you would need to work with and what the impact is on relevant tier logistics capabilities.
	Sales and marketing	Who you would need to work with and what the impact is on relevant tier sales and marketing capabilities.

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Organisation Options	Sub-option	Description and examples
<b>Academia:</b> Academic institutions / organisations.	Engineering	Who you would need to work with and what the impact is on relevant academic organisations' engineering supply capabilities.
	Finance	Who you would need to work with and what the impact is on relevant academic organisations' finance capabilities.
	Legal	Who you would need to work with and what the impact is on relevant academic organisations' legal capabilities.
	Manufacturing	Who you would need to work with and what the impact is on relevant academic organisations' manufacturing capabilities.
	Purchase	Who you would need to work with and what the impact is on relevant academic organisations' purchasing capabilities.
	Logistics	Who you would need to work with and what the impact is on relevant academic organisations' logistics capabilities.
	Sales and marketing	Who you would need to work with and what the impact is on relevant academic organisations' sales and marketing capabilities.

Organisation Options	Sub-option	Description and examples
<b>Defence Centres.</b> Within Defence there are a number of central management mechanisms used to deliver programmes. E.g. Science and Technology Centres, Team Complex Weapons, Niteworks.	Resource Management	Who you would need to work with and what the impact is on the resource management capabilities of Defence centres.
	Scenario modelling and forecasting	Who you would need to work with and what the impact is on the scenario modelling and forecasting capabilities of Defence centres.
	Decision making	Who you would need to work with and what the impact is on the decision making capabilities of Defence centres.
	Information prioritisation	Who you would need to work with and what the impact is on the ability of Defence centres to prioritise information.

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Organisation Options	Sub-option	Description and examples
<b>NDIC.</b> (National Defence Industries Council). The NDIC is the formal MOD / Industry forum.	Engineering experts	Who you would need to work with and what the impact is on the engineering expertise available to NDIC.
	Scientific experts	Who you would need to work with and what the impact is on the scientific expertise available to NDIC.
	Business experts	Who you would need to work with and what the impact is on the business expertise available to NDIC.


## Supply Engagement Functional Capabilities – What functions do you require from the supply network?

How would your innovation impact on the various functions performed by the supply base?

What functions do you require from the supply network?


## Supply Capability Information Options

Engagement Capability Option	Sub-Option	Description/Details of examples
<b>Inform.</b> How would your innovation improve shared situational awareness and an understanding of what needs to be done.	Education	Ensuring supply personnel have relevant knowledge and understanding. E.g. historical perspectives, current techniques, emerging theory / technology.
	Training	Ensuring supply personnel have the necessary skills and capabilities to undertake their supply functions.,
	Networking	Techniques and knowledge that enable effective interaction between personnel and with equipment.
	Reporting and feedback	Methods, tools and techniques to allow efficient and concise communication of information. E.g. up and down levels of a supply chain.

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Engagement Capability Option	Sub-Option	Description/Details of examples
<b>Command.</b> How would your innovation improve the effective tasking of supply resources.	Initiating	Setting mission objectives.
	Planning	Aligning supply resources (people, equipment etc) to mission objectives.
	Enacting	Deploying supply resources (people, equipment etc).
	Controlling	Monitoring and re-deploying resources (people, equipment etc).
	Concluding	Reconciling objectives versus outcomes.

Engagement Capability Option	Sub-Option	Description/Details of examples
<b>Prepare.</b> How would your innovation contribute to the development of effective supply resources?	Intelligence gathering	Ensuring availability of information needed to plan the development of resources ahead of being required.
	Operational planning	Sequencing the future availability of appropriate resources.
	Logistic management	Ensuring availability of the means to deploy resources.
	Intellectual capital	Deceiving adversaries about the resources available to UK Defence to prevent the development of effective counter forces.
	Assembly	Bringing resources together ready for operations.


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Engagement Capability Option	Sub-Option	Description/Details of examples
<b>Operate.</b> How would your innovation contribute to the delivery of supply capability?	Operational capability parameters	Factors and innovations that directly impact the delivery of a specific technical / supply capability.
	Interoperability parameters	How specific technical / supply capabilities aggregate and interact to produce an overall technical / supply capability.
	Operational support parameters	How support activities are used to enable or enhance the delivery of a technical / supply capability.
	Human Interaction parameters	How personnel interact to optimise delivery of a technical / supply capability.

Engagement Capability Option	Sub-Option	Description/Details of examples
<b>Protect.</b> How your innovation would protect critical UK technical / supply capabilities.	Known threats	The threats to UK technical / supply capabilities.
	Threat avoidance	How the threat to UK technical / supply capabilities will be avoided.
	Secrecy	Ensuring competitors are unaware of your technical / supply capability.
	Reduced recognition	Ensuring competitors do not recognise your technical / supply capability as a threat.
	Resilience to competitive products	Surviving and recovering from competitor attack.

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Engagement Capability Option	Sub-Option	Description/Details of examples
<b>Project.</b> How will your innovation contribute to the projection of UK technical / supply capability?	Support to forward product leadership.	Deploying appropriate resources to project products at a tempo fast enough to ensure mission success.
	Pursuit of market share.	Being able to deploy appropriate resources fast enough to maintain or grow market share.
	Securing objectives.	Deploying adequate resources to maintain technical / supply capabilities until they can be consolidated.
	Position consolidation	Ensuring that technical / supply capabilities can be maintained for as long as is required to complete the mission.
	Defensive options	Projection through defence.
	Unplanned lull	Maintaining technical / supply capabilities during periods of unplanned activity.
	Reorganising and regrouping	Having the ability to re-organise and regroup resources to maintain technical / supply capabilities within a changing scenario.

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Engagement Capability Option	Sub-Option	Description/Details of examples
<b>Sustain.</b> How will your innovation contribute to the sustainment of UK technical / supply capability?	Research and Development	The ability to stimulate new ideas, new ways of working, new equipment etc and grow technical / supply capability to develop and maintain competitive advantage.
	Design configuration.	The ability to ensure that supply resources can be rapidly and effectively configured and reconfigured to meet emerging defence needs – providing agile and flexible supply capability.
	Acquisition.	Ensuring access to the right resources for ongoing and evolving defence needs.
	Storage.	Ensuring optimum stocks of supply resources, e.g. trained people.
	Movement and distribution	Availability of the means to move and distribute supply resources as and when required.
	Maintenance.	Ensuring supply resources are optimally maintained for effectiveness and use.
	Product's market exit	Removal of supply resources as they become ineffective.
	Disposition	Maintaining the right resources in the right place at the right time.