A picture containing text, clipart, tableware, dishware

Description automatically generated

**Unlocking Space for Government**

**Request for Information**

**UK Space Agency**

## Executive Summary

**The Unlocking Space for Government project and the Request for Information (RFI)**

The Unlocking Space for Government (USG) programme is a UK Space Agency strategic initiative aimed at harnessing the UK’s space-enabled capabilities to enhance the efficiency and effectiveness of UK government services and positioning Government to be a more proactive and intelligent anchor customer for the space sector.

This programme seeks to support government agencies in improving the delivery of public services through the adoption of these capabilities with the potential to benefit services ranging from environmental monitoring and urban planning to transport infrastructure, healthcare and disaster management.

Following an initial period of consultation with public sector stakeholders and a review of past projects, case studies, and reports, we have identified high priority opportunities for using satellite-enabled capabilities within public sector organisations.

The UK Space Agency needs your input to ensure any future support or commercial opportunities are targeted towards the best pilot proposals, that can be addressed by mature, space-enabled solutions.

This RFI will help guide UK Space Agency’s interaction with potential and existing public sector end users of space-enabled applications and may help to shape and inform future support and commercial activities. We therefore welcome your responses, and we look forward to your valuable insights. Our team is grateful in advance for the time and effort taken in replying to this Request for Information.

# How the information provided will be used and treated

* The purpose of this Request for Information is to guide the future UK Space Agency interactions with other public sector organisations that have the potential of benefiting from space-enabled data, services or technology to deliver better public services and decision making.
* Responses received together with wider available information will be used to guide UK Space Agency’s future considerations in relation to supporting the growth of the UK space sector.
* All information provided may be considered by UK Space Agency and other government departments for use in policy development. In providing the information requested in this document the respondent confirms that they are giving written consent that the information provided may be shared with other departments, agencies, public bodies, and subsidiaries owned by the above, and their advisors.
* Information provided in response to this Request for Information, including personal information, may be disclosed in accordance with any applicable law (including the Freedom of Information Act 2000 and the Environmental Information Regulations 2004), by order of a court or as required by any body or inquiry which has the power to compel disclosure.
* The RFI participation process, including how to send responses, appears in the section directly after the questionnaire, below. If the respondent wants the information provided to be treated as confidential, they are asked to please inform us; also, please be aware that we cannot guarantee confidentiality in all circumstances. For any questions about this process, please email: [commercial@ukspaceagency.gov.uk](mailto:commercial@ukspaceagency.gov.uk)
* We will process any personal data included in the responses for this Request for Information in accordance with all applicable data protection laws. Our privacy policy is available on the following link: <https://www.gov.uk/government/publications/uk-space-agency-gdpr-privacy-notice>
* The information gathered will not be used beyond the stated purpose without explicit permission.

## RFI Terms

* This RFI is not related to any ongoing or future funding calls from the UK Space Agency.
* The UK Space Agency does not commit to cover any cost incurred in the preparation or submission of any response to the RFI.
* Responding or failing to respond to this RFI will not preclude the respondents from participating in any future UK Space Agency calls or requests for information or other funding opportunities.

Scope

We are particularly interested in hearing from companies that can address the following transport infrastructure challenges that UKSA is currently considering:

**Ground Movement and Flooding Solutions:**

How does your product address issues related to ground movement, flooding, or vegetation growth affecting transport infrastructure? What type of data (e.g., satellite imagery, ground-based monitoring) does your product use to monitor these risks?

**Remote Monitoring in Unconnected Areas:**

How well does your product perform in remote or unconnected areas where traditional infrastructure monitoring might be limited? Can your product reduce the need for manual inspections?

**Safety and Cost Efficiency:**

Can your solution contribute to enhancing personnel safety (e.g. reducing the need for working at height or alone)? How does your product improve cost efficiency compared to current monitoring methods?

**Climate Change Adaptation:**

In light of increasing climate-related challenges, how can satellite-based products help transport infrastructure operators assess long-term risks, such as changing weather patterns or increased flooding?

**Any other application with ‘geotechnic’ application for transport infrastructure could drive cost saving, efficiencies or safety across the UK’s transportation networks.**

# Questionnaire

In each section, please feel free to include as much or as little information as considered relevant by the respondent, up to a total of 10 pages.

If useful, please also respond to questions by providing a link to publicly available information or by attaching and referencing a relevant document that contains the information sought.

|  |  |  |
| --- | --- | --- |
| **1** | **Contact information** |  |
|  | Organisation name |  |
|  | Organisation category (e.g. academia, industry, Government body, investor, trade body, etc.) |  |
|  | Size (e.g. small - 0 to 49 employees, medium - 50 to 249 employees, large - over 250 employees) |  |
|  | Name of primary point of contact |  |
|  | Address |  |
|  | Telephone number |  |
|  | Email address |  |
|  | Other key individual/organisations who collaborated on the RFI response |  |
|  | Would you be willing to be contacted for further information? |  |
|  |  |  |
| **2** | **Questions** |  |
|  | **Company Overview:**  Can you provide a brief overview of your company, including your current target market/s and relevant expertise in satellite-derived solutions? |  |
|  | **Product Overview:**   * What space-enabled products or solutions does your company currently offer? Please include in your response how your product/s addresses one or more of the **transport infrastructure challenges set out in the Scope?** (see above). Please provide details of the specific products and their key functionalities. * If applicable, please specify what type/s of satellite data your product uses (e.g. hi-res optical, SAR, LiDAR, Thermal Infrared etc) and what is the source (e.g. open access data, procured externally, privately owned and operated satellite assets). |  |
|  | **Product Readiness:**   * What is the Technology Readiness Level (TRL) of your product(s)? Have any of your solutions been deployed in real-world applications? If so, please provide examples. * Who are your current users or clients (e.g., government agencies, transport infrastructure operators, manufacturers etc )? Can you share any case studies or examples where your products have been successfully implemented? * How scalable are your solutions? Could they be deployed across e.g. larger networks of roads, railways? How effectively can it integrate with other systems? Does it require specialist knowledge to use? What are the key barriers to scaling up your product? |  |

|  |  |  |
| --- | --- | --- |
| **3** | **OPTIONAL: Suggestions for Unlocking Space for Government support** |  |
|  | How can the UK Space Agency better support the adoption and integration of space enabled services, data and technology across the public sector? |  |

|  |  |  |
| --- | --- | --- |
| **4** | **GDPR** |  |
|  | By Submitting this RFI response form you consent to UK Space Agency processing your personal data as described in our Privacy Notice. Please click here to view our privacy notice: [<https://www.gov.uk/government/publications/uk-space-agency-gdpr-privacy-notice>](https://www.gov.uk/government/publications/uk-space-agency-gdpr-privacy-notice)  Do you consent to your data being collected and used as per the Privacy notice above? | **Yes**  **No** |

# RFI Participation Process

* Please provide answers in each section of the RFI Questionnaire above. Please include as much information and details as possible in each section; our team will consider all of the responses and suggestions included, not only the ones on the assigned lines.
* Submissions of the completed questionnaire should be sent as either a Microsoft Word or PDF (Portable Document Format) to: [commercial@ukspaceagency.gov.uk](mailto:commercial@ukspaceagency.gov.uk) with “Unlocking Space for Government RFI” as the subject line.
* Please include all additional information as attachments with a total data size no larger than 25Mb. Please send subsequent responses if necessary due to data size limitations.
* The deadline for responses is close of play (5pm), 16th of October 2024.
* If more time is needed to provide a response or if you there are any additional questions/queries about the process, please contact [commercial@ukspaceagency.gov.uk](mailto:commercial@ukspaceagency.gov.uk) with “Unlocking Space for Government RFI” as the subject line.
* An email confirmation of receipt from UK Space Agency will be sent within a one-week period to the designated point of contact.

# Any other information

Please include any other information deemed relevant to the RFI response.