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| **Advanced Design of Composites Structures for Future Combat Aircraft (ADCoSCA)**  **THIS APPLICATION FORM IS FOR EXPRESSIONS OF INTEREST** |
| **COMPLETING THIS FORM** |
| **Use this Expression of Interest form if you would like an initial assessment of the potential eligibility of your expertise, research or technology before pitching your ideas to the ADCoSCA Steering Group.**  **Your Expression of Interest form will be considered by the Steering Group, and if your area of expertise, research or technology is deemed to have merit in contributing to the aims of this Steering Group, you could be eligible for funding to conduct project work in this area. However, having your Expression of Interest form considered and being invited to pitch to the Steering Group is NOT a guarantee that your project will be granted funding.**  There are two primary aims: -  • to develop airframe design concepts through trades studies and worked examples, and  • to systematically collate and develop the underpinning data upon which the airframe design trades are built, including the performance of composite materials and features, and the identify and mitigate those features that are constraining performance and cost  Priority shall be given to those ideas and technologies that identify and explore innovative structural and manufacturing techniques that improve performance and mitigate failure modes. The focus needs to be on achieving transformational high-performance and low-cost design, rather than long-term research on failure modes that could be mitigated through design. Techniques for achieving fatigue and corrosion-insensitive airframes shall also be considered. |
| **EXPRESSION OF INTEREST - APPLICATION QUESTIONS** |
| Last Name  Name  Title  **Title** **First Name** **Last Name**  Name  **Role**  Address…  **Contact Address**  Including full post code  **Telephone Number**  +44 xxx  +44 xxx  **Mobile Number**  mail@mailbox.com  **Email Address** |
| Organisation Name  **Organisation Name**  (if applicable)  **Type of Organisation**  Put the relevant number in this box. See options below  #  1. SME (<250 employees)  2. Sole Trader  3. Private Company  4. Public Company  5. University  6. Other  Other…  If other, please specify… |
| **Description of area of expertise, research and/or technology**  Give a brief description of your area of expertise that could be utilised by the steering group in supporting its aims in advancing composites structures for future combat aircraft.  Description… |
| **Challenges Areas**  Please indicate which Challenge areas you believe your organisation can contribute to:  Y/N  Y/N  Assurance Design  Y/N  Y/N  Impact Performance Manufacturing & Assembly  Y/N  Y/N  Materials Systems |
| **Platform Drivers**  Please indicate which platform drivers you believe your area of expertise/technology can contribute to:  Y/N  Y/N  Low Cost Low Mass  Y/N  Y/N  Ease of maintenance Robustness  Y/N  Y/N  Upgradeability Reconfigurability  Y/N  Y/N  High structural perf. Ease of logistics  Y/N  Y/N  High aerodynamic perf. Availability for operational service  Y/N  Y/N  Sustainability Secure supply chain  Y/N  Batch manufacturing |
| **NEXT STEPS** |
| Please submit this form by email to;  E-mail: [defence@nccuk.com](mailto:defence@nccuk.com)  Include the title ‘Expression of Interest’ in the subject header.    Once we receive your Expression of Interest form, we will conduct our review to determine if you will be invited to pitch your design and research ideas, in order to influence the content of the project.  Failure to complete this form fully will delay any consideration of your organisation for the next stage of engagement.  Please note, an invitation to submit a full application does not mean that your project is definitely eligible or that funding will be awarded. This can only be decided after the application and all supporting documentation has been appraised.  Sign below once you are satisfied that you have completed the form correctly.  I declare that the information given in this Expression of Interest form is true and accurate to the best of my knowledge and belief.  I declare that I have permission from any other partner(s) involved the project to sign the Expression of Interest form on their behalf.  NAME  **Print name of applicant**  Signature  **Signature of applicant**  DD/MM/YYYY  **Date (DD/MM/YYYY)** |