CyBOK

Cyber Security Body of Knowledge (CyBOK)

Call for funded projects to develop resources around CyBOK v1.1

Closing date: 4pm 18 October 2023

Please note additional information added at the end of this document on 20 September.

Cyber Security Body of Knowledge background

Following broad community engagement both in the UK and internationally CyBOK v1.0 was launched and released to the community in October 2019. A wealth of authoritative sources was synthesised into 19 Knowledge Areas (KAs), divided into five high-level categories through a wide range of both national and international community consultations. Experts from academia, industry, practice and professional organisations came together as authors, expert reviewers or advisers to develop detailed KA descriptions. Following change requests received after the release, two new KAs were produced, and one KA underwent a major revision; in July 2021, CyBOK v1.1 was published. In September 2023, two new supplementary guides were published, with more to follow.

An extensive set of resources are freely and publicly available on the CyBOK website. Additional resources including CSV files of the Mapping Reference and Knowledge Trees are also available on demand; access to the CyBOK source code may be granted for CyBOK-funded small projects, if needed, subject to discussion and agreement with the project team.

During earlier phases of the CyBOK project (to July 2023), the focus was on developing resources to support higher education institutions in using CyBOK in their education and training programme design; supporting industry organisations in developing valid and practical job descriptions; and dissemination and promotion of CyBOK, all with the aim of encouraging further familiarisation and practical use of CyBOK by all areas of the community. CyBOK Phase VI (the current phase) will build on the work of earlier phases, and will be undertaken in collaboration with the UK Cyber Security Council, as preparations are made to transition the stewardship of CyBOK over the coming years.

A total of 23 projects to develop resources around CyBOK v1.0 and v1.1 were funded during earlier phases of the CyBOK project. Deliverables for completed projects can be found on the CyBOK website.

Details of call

This is an opportunity for members of the cyber security community to further contribute to the resources built on CyBOK through small funded projects. The projects can focus on a range of topics including but not limited to application of CyBOK v1.1 in specific topic areas, ways to disseminate CyBOK or new and different resources and tools to enable its usage by academics, practitioners or policy makers. Proposals are particularly welcomed to build resources around KAs and supplementary guides that have not yet been covered; these include: AI for Security; Security and Privacy of AI; Risk Management & Governance; Law & Regulation; Human Factors; Privacy & Online Rights; Adversarial Behaviours; Security Operations & Incident Management; Operating Systems & Virtualisation Security; Distributed Systems Security; Authentication, Authorisation & Accountability; Software Security; Secure Software Lifecycle; Applied Cryptography; Network Security; Hardware Security.

Grants of up to £5,000 will be awarded to successful bids. Applications should be in the form of a 1-side document detailing work to be completed, strategic benefits of the proposed project, expected

timescales and anticipated costings. All projects must be completed by 30 April 2024. Applications should be emailed to contact@cybok.org by 4pm on the deadline date.

Proposals are welcomed from all sectors of the community that focus on the following areas:

1. Development of new or different resources built on top of CyBOK for use by the community (e.g., webinars, course materials, etc.), particularly those which focus on topic areas not already covered by earlier projects.
2. Development of tools to support specific user communities (e.g., educators in HEIs, industry practitioners, policy makers) in using CyBOK.
3. Documentation and analysis (in the form of lessons learnt) of specific use cases of CyBOK – this may be in the form of design of new programmes or update of existing programmes.

The above are indicative topics and we welcome proposals on additional topics within the scope of CyBOK.

Call deadlines

Call status	Open
Funding type	Small grant
Maximum award	£5,000
Closing date	4pm 18 October 2023
Successful applicants notified	10 November 2023
Project completion deadline	30 April 2024

Additional information

In order to support measuring the impact of funded projects, leads of awarded projects are expected to collate data on how the project outputs are being used and report this to the CyBOK team. Proposals should include a plan for how usage will be measured and reported.

For proposals for repeat project funding, information on the usage of existing materials should be provided as part of the application. An additional half-side document is allowed for this for proposal submissions.