



The Information Security Arm of GCHQ

ICESG: 10 Steps to Cyber Security

Building resilience: 10 Steps to Cyber Security

1. Information Risk Management Regime
2. Secure Configuration
3. Network Security
4. Managing User Privileges
5. User Education and Awareness

Building resilience: 10 Steps to Cyber Security

6. Incident Management
7. Malware Prevention
8. Monitoring
9. Removable Media Controls
10. Home and Mobile Working

Building resilience

- Adopt the 'Cyber Essentials' or 'Cyber Essentials Plus' cyber security controls
- Look at CESG's guidance on cloud security

Building resilience

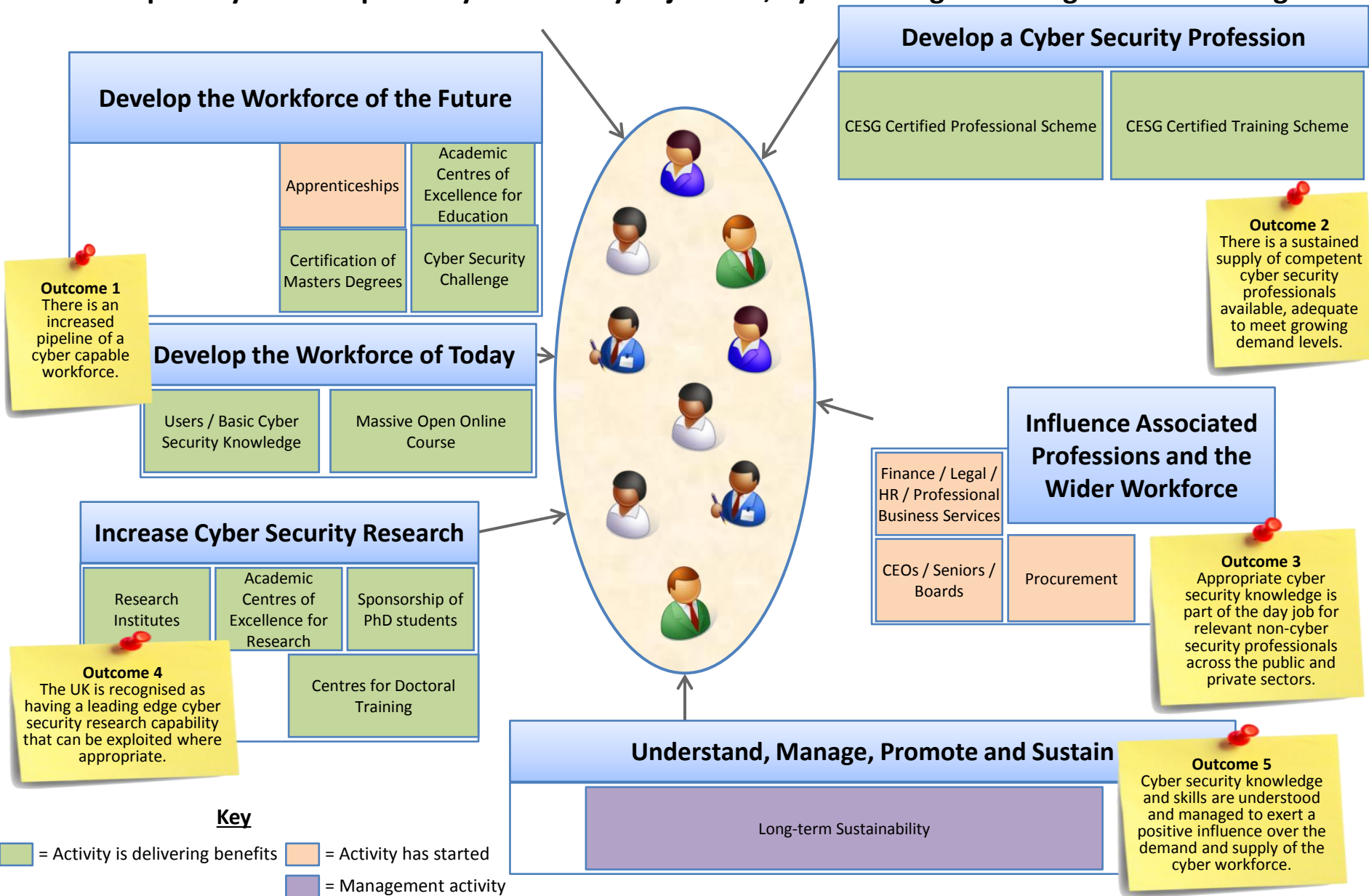
- Improve your own awareness – for simple advice on keeping safe online look at the [keepsafeonline.org](https://www.keepsafeonline.org) website
- Look at CESG's guidance on use of mobile devices

Sharing good practice

- Join the Cyber-security Information Sharing Partnership (CiSP), part of CERT-UK - <https://www.cert.gov.uk/cisp/> -
- allows members from across sectors and organisations to exchange cyber threat information in real time, on a secure and dynamic environment, whilst operating within a framework that protects the confidentiality of shared information

'Cross cutting knowledge, skills and capability'

Meeting UK Cyber Security Strategy Objective 4, of building the UK's cross-cutting knowledge, skills and capability to underpin all cyber security objectives, by extending knowledge and enhancing skills



Cyber skills training for workforce – CESG Certified Training

Awareness courses - useful for those new to the profession or to a specialism.

Examples:

‘Introduction to Cyber Security’ (from The Open University)	Free online course about online security, introducing different types of malware and concepts such as network security, cryptography, identity theft and risk management
‘Cyber Security for Information Asset Owners (IAOs)’ (from The National Archive)	Information assurance and cyber security are more than just concerns for your IT department – how to protect your organisation and its information assets
‘Certificate in Information Security Management Principles’ (from QA or Ultima Risk Management)	5-day course covering the knowledge and skills required to manage information security and information risk processes

CEISG Certified Training courses

Application level - specialist courses providing a detailed insight and understanding. Suitable for people in a cyber security role wanting to develop new skills. Examples:

'CompTIA Security+' (from Bluescreen IT)	Includes network security, operational security, threats and vulnerabilities, access control and identity management
'Technical Cyber Auditing, Cyber Essentials Plus' (from IASME)	Good cyber security practice to protect organisations from the most common cyber threats

QUESTIONS??

- <http://www.cesg.gov.uk/Pages/homepage.aspx>
- Enquiries@cesg.gsi.gov.uk or 01242 709141