# The UK Cyber Security Council & CyBOK

**Professor Simon Hepburn** Chief Executive Officer

November 2022

CyBCK

CYBER SECURITY COUNCIL



#### VISION

VISION

To create a world where the whole of society is safe and secure in cyber space

#### MISSION

To enhance and expand the nation's cyber skills, knowledge and profession at every level



### PRIORITIES

- Raise Awareness/Profile of the Cyber Security Profession
- Design schemes to award professional titles (Cyber Specialisms Standards)
- Develop an ethical framework
- Create Cyber Careers Framework/Route Map
- Carry out Outreach & Diversity Activities
- Thought Leader for the profession
- Incorporate Royal Incorporated Organisation





#### **THE STRATEGY**

Pillar One

The UK Cyber Ecosystem

**Objective 2** 

Enhance and expand the nations cyber skills at every level, including through a world class and diverse cyber security profession that inspires and equips future talent HM Government

#### National Cyber Strategy 2022

Pioneering a cyber future with the whole of the UK





#### THE TECHNICAL AND FUNDING PARTNERS





Department for Culture Media & Sport



a part of GCHQ



#### THE ECOSYSTEM PARTNERS



Department for Culture Media & Sport

**CyBOK** 



**Cabinet**Office

tech





National Cyber Security Centre



Department for International Trade



Department for Work & Pensions





Northern Ireland Executive





#### **Cyber security skills in the UK labour market** 2022

#### **Findings report**

Gabriele Zatterin, Grace Atkins, Alex Bollen and Jayesh Navin Shah, Ipsos Sam Donaldson, Perspective Economics

# **Cyber Skills Gap**

## 2020/21 - 10,000

2021/22 - 14,000

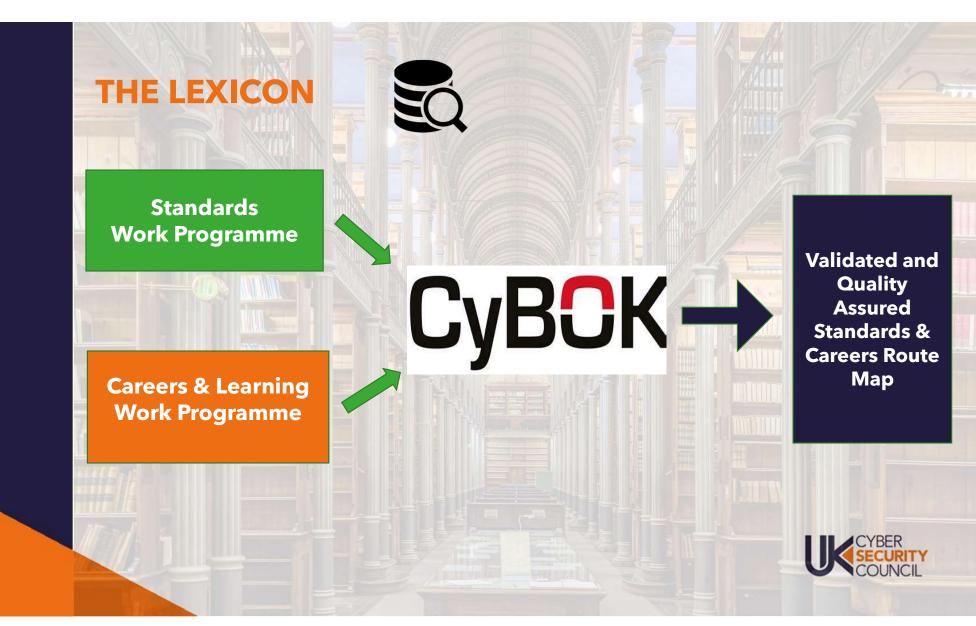
Department for Digital, Culture Media & Sport











#### **CYBER FRAMEWORKS & KNOWLEDGE**



Cybersecurity Framework







CyBCK

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**European Network** and Information Security Agency



Y	Digital Forensics		Cyber Threat Intelligence		Cyber Security Generalist		Cyber Security Management
	Inci	ident Response		Network Monitoring & Intrusion Detection			
	<b>Vulnerability</b> Management		Security Testing The Careers Ro pathways for specialisms in cyle Pick a specialism to f		ways for the ns in cyber :	e 16 security.	
		ryptography & ommunications Security		Secure Operations			
	Identity & Access Management		Secure System Architecture & Design	с,	yber Security Audit & Assurance		Data Protection & Privacy



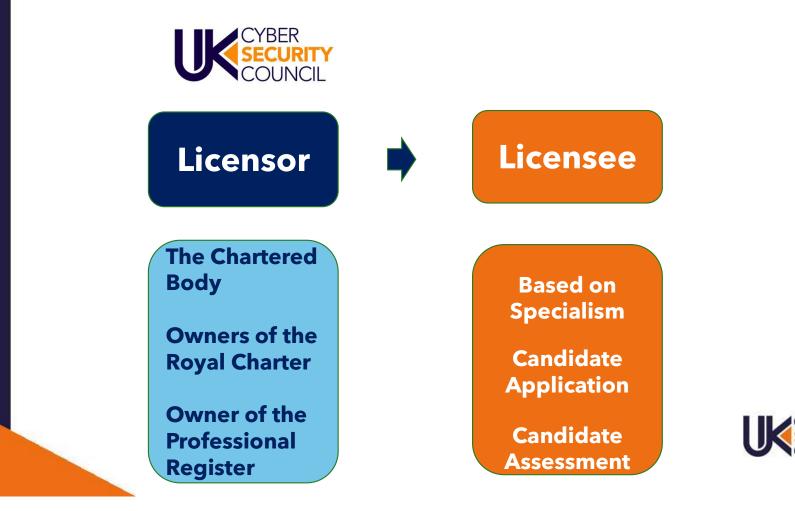


#### **ROYAL CHARTERED PROFESSIONAL REGISTRATION PILOT - SPECIALISMS**











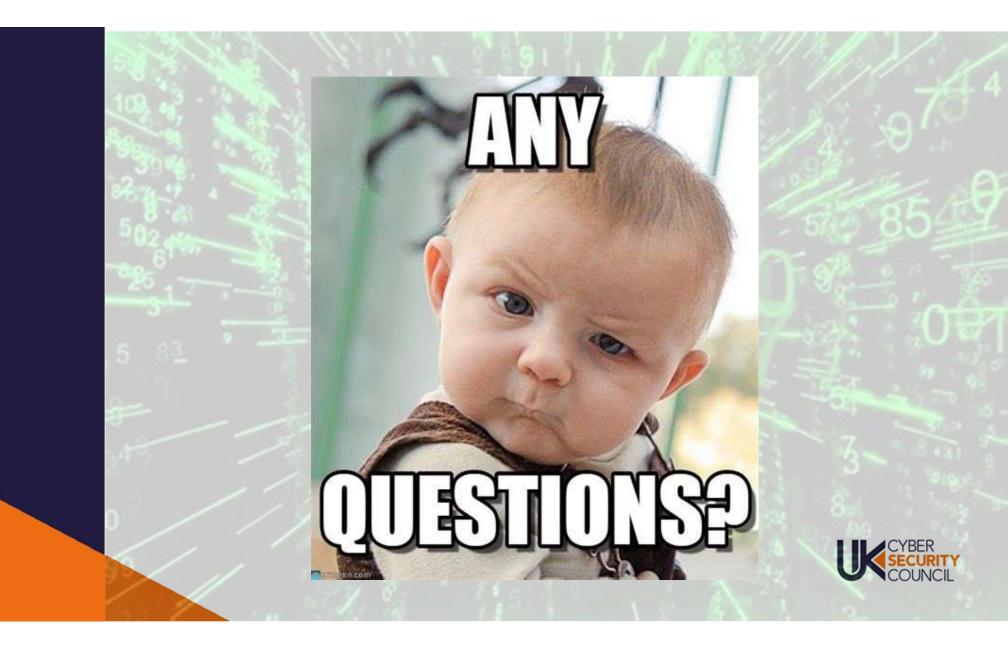
#### **SUMMARY & CLOSING COMMENTS**

















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Simon Hepburn MA



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