Swindon & Wiltshire
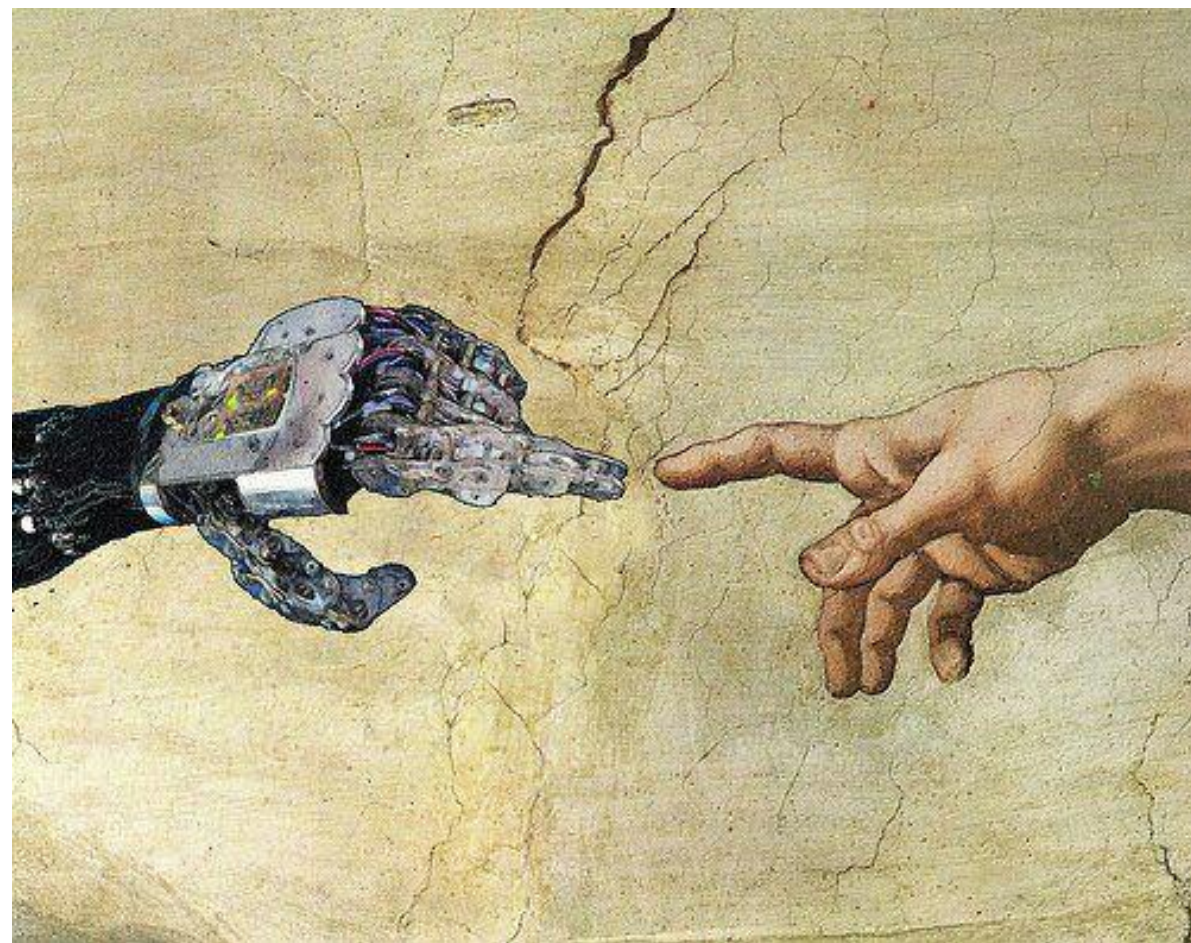## LOCAL ENTERPRISE PARTNERSHIP

Local Industrial Strategy

A Business Led Cyber Capital

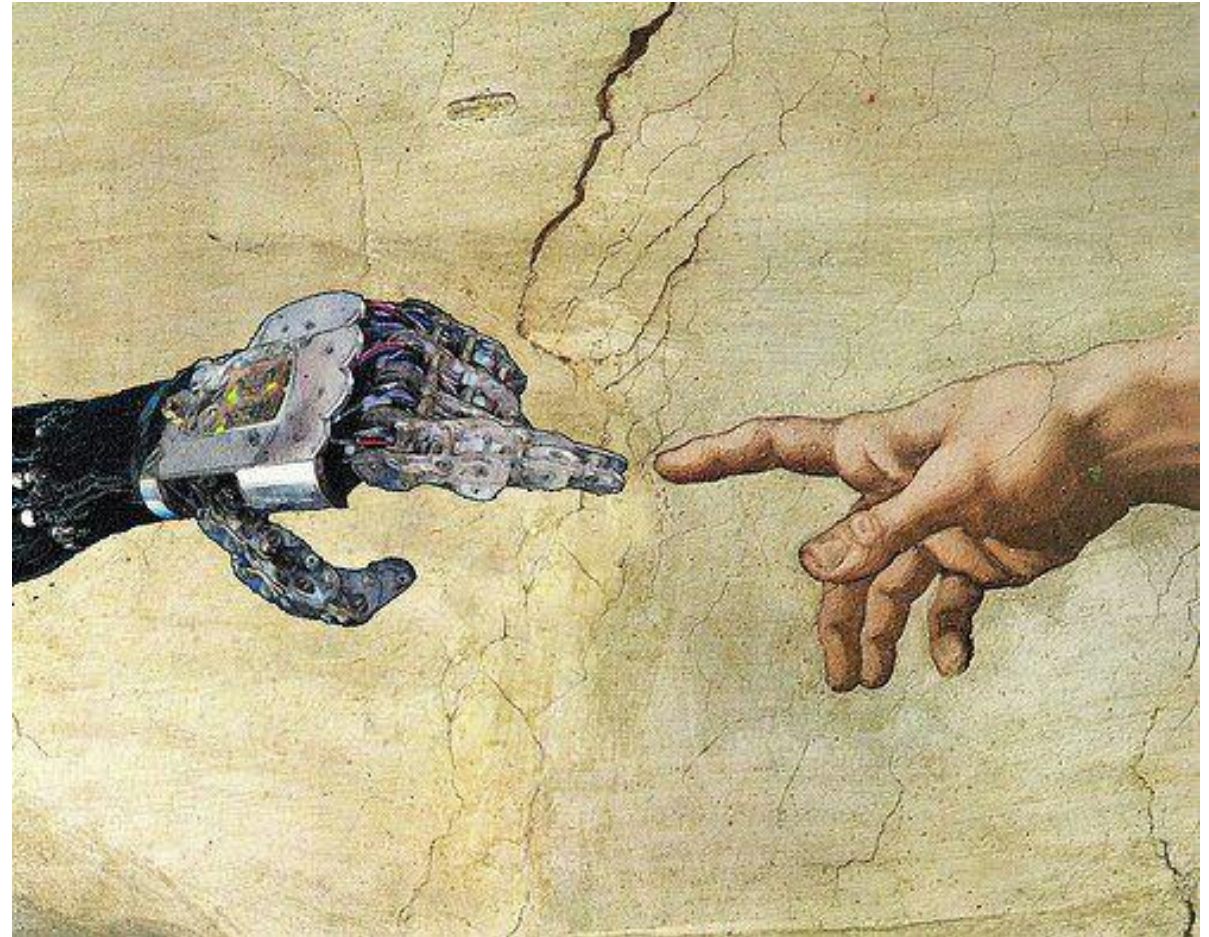*Workshop Slides*

Local Industrial Strategy

Welcome Address

Paddy Bradley

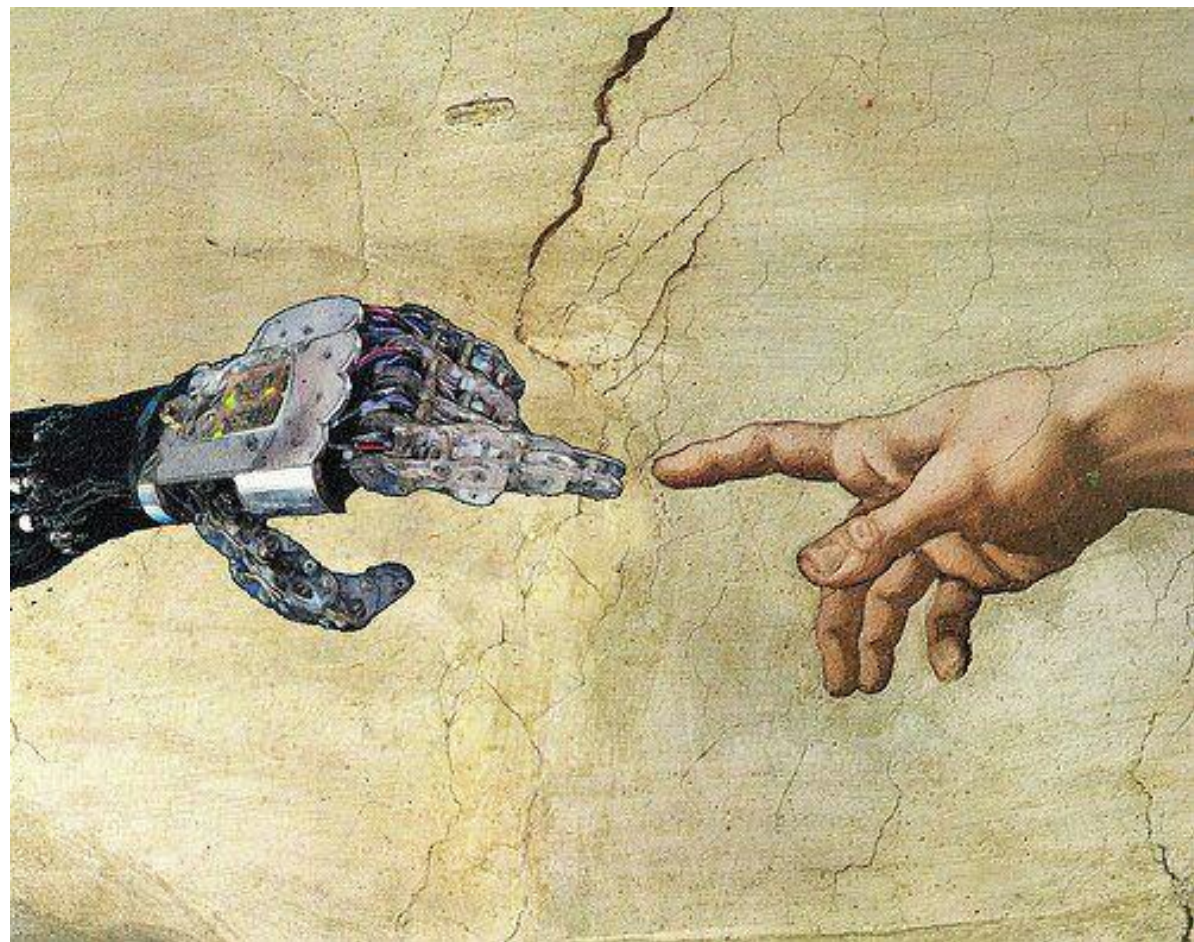# Swindon & Wiltshire
LOCAL ENTERPRISE PARTNERSHIP

Local Industrial Strategy

Opening Remarks

Chris Crowther

A Strong Baseline

Cyber Security Sector Proposition

Swindon and Wiltshire Digital Capabilities Strategy
Evidence Base
July 2018

Cyber Security Breaches Survey 2019

Industrial Strategy
Building a Britain fit for the future

CYBER RESILIENCE ALLIANCE
A Science and Innovation Audit Report sponsored by the Department for Business, Energy and Industrial Strategy

Government cyber security strategy is 'chaotic'

Policy paper
Initial National Cyber Security Skills Strategy: increasing the UK's cyber security capability - a call for views, Executive Summary
Updated 28 February 2019

UK Industrial Strategy (2017)

- Become the best place to start and grow a business

- Become the world's most innovative economy

- Upgrade the UK's infrastructure network

- Ensure prosperous communities across the UK

- Create good jobs and greater earning power

Aerospace	Automotive	AI	Construction	Creative Industries	Life Sciences	Nuclear	Offshore Wind	Rail

Sector Deals

HM Government

Industrial Strategy

Building a Britain fit for the future

A confluence of natural strengths

Swindon&Wiltshire LOCAL ENTERPRISE PARTNERSHIP

Emerging Best of British

ComputerWeekly.com

Where in Britain works best for IT?

Where is the best place to be an IT professional in the UK? Computer W... which location comes out on top for tech companies, and it's not Silic...

09 Nov 18: Computer Weekly

Area	Score
Hounslow & Richmond	31.0
Berkshire	29.6
Haringay & Islington	29.0
Darlington	28.0
Lambeth	27.2
Edinburgh	27.0
Nottingham	26.8
Bristol	26.4
Lewisham & Sotuhwark	25.9
Tower Hamlets	25.5

Overlaps

**Employment
Education
Access
Quality of Life
Work Life Balance
SMART City Early Adopter**

**Animation
Game Design
Digital
Marketing**

Bristol

Berkshire

**Digital
Technologies**
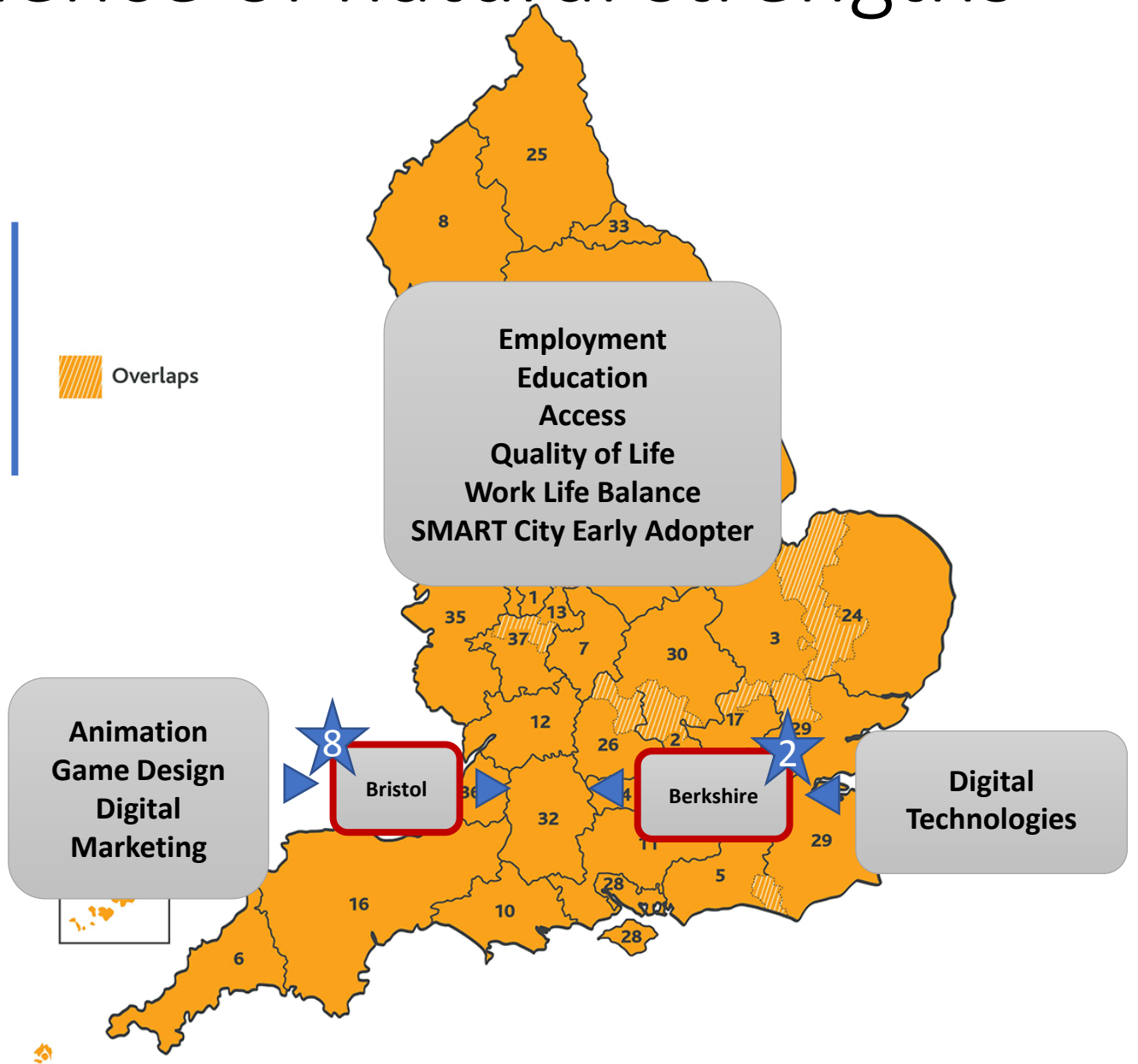
A Conceptual Cyber Architecture

The Requirement

32% / **22%** of businesses/charities identified cyber security breaches or attacks in the last 12 months

2018: 24% / 20% vs. 2019: 31% / 32% have done a cyber risk assessment in the last 12 months

27% 33% / 21% 36% have cyber security policies in place — 2018 2019 / 2018 2019
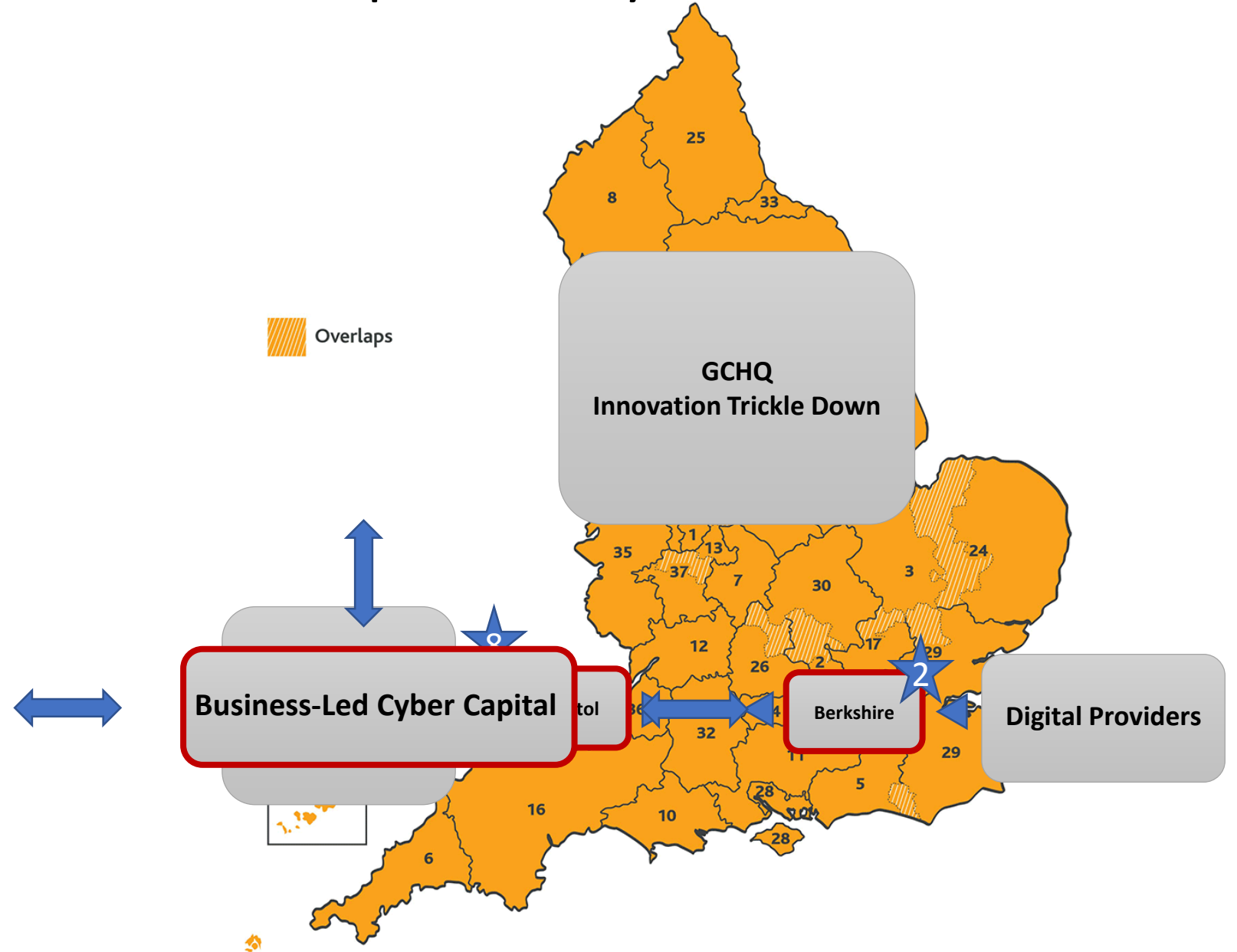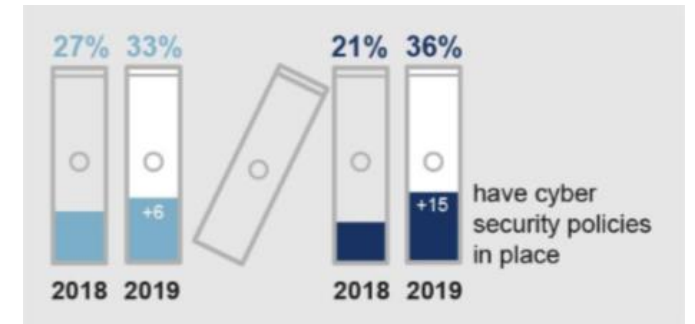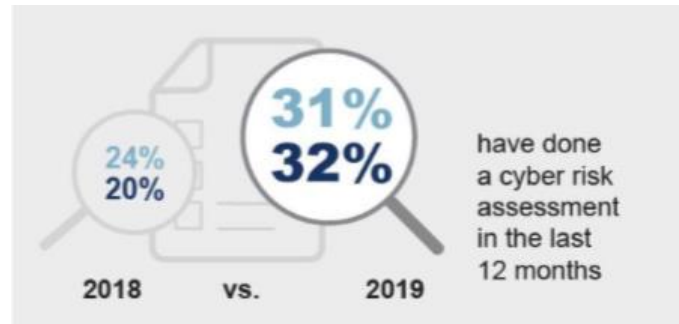
£4,180/£9,470 is the average annual cost for businesses/charities that lost data or assets after breaches

Cyber attacks are a persistent threat to businesses and charities. While fewer businesses have identified breaches or attacks than before, the ones that have identified them are typically experiencing more of them.

where businesses have lost data or assets through cyber security breaches, the financial costs from such incidents have consistently risen since 2017

In 2019, more businesses and charities than before have taken positive steps to improve their cyber security. This is in part linked to the introduction of GDPR.

Key: UK BUSINESSES
UK CHARITIES

The Requirement: So What?

Organisations can do more to protect themselves from cyber risks. This includes taking important actions that are still relatively uncommon

- **Around board-level involvement in cyber security;**
- **Monitoring suppliers; and**
- **Planning incident response.**

Organisations are open to receiving guidance or checklists for these areas, and for other aspects of cyber security. However, they expect such guidance to be pushed out to them.

The intended outcome

Headlines

World's Largest Companies (by market capitalization)

2007	2017
Exxon Mobil	Apple
General Electric	Alphabet (Google)
Total S.A	Microsoft
Microsoft	Amazon
Shell	Facebook
Petrochina	Tencent
AT&T	Berkshire Hathaway
Citi Group	Alibaba Group
BP	Johnson & Johnson
Bank of America	JP Morgan Chase

Indicates companies with R&D centers in Israel

Source: Ministry of Economy & Industry, Bloomberg

- Israel has positioned itself as a Cyber Capital of the world. It has achieved this through unrivalled investment in R&D and skills.
- Within 10 years, each of the world's top 10 Firms have a significant R&D presence in Israel.
- Israel is 2nd to the USA in terms of Cyber revenues.
- Israel outperforms the USA on cyber revenue per capita by X200
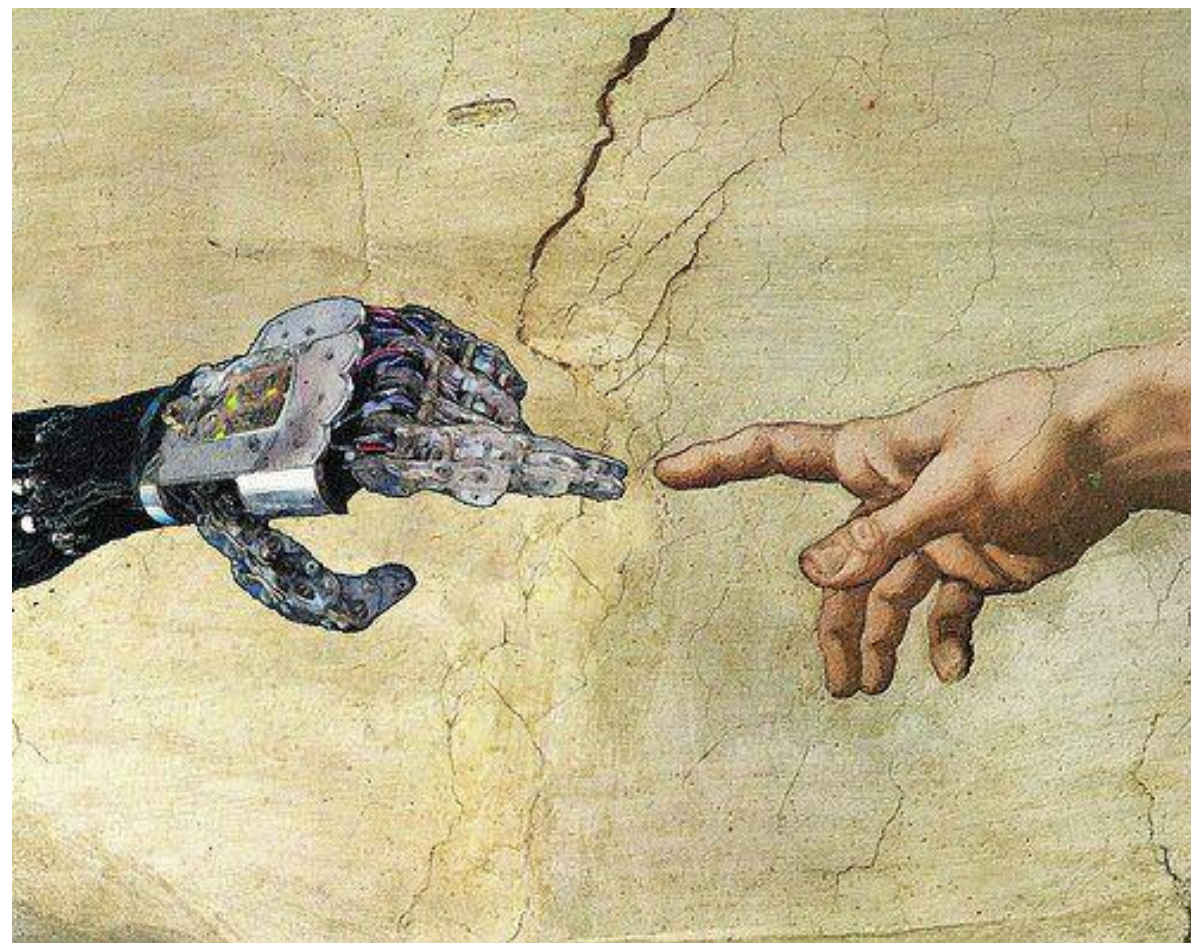
A Cyber Capital in the middle of the desert

Local Industrial Strategy

Purpose

Chris Crowther

Aims & Objectives

The Swindon & Wiltshire LEP intends to submit a compelling and coherent cyber resilience proposal that will compete well for inclusion in the Local Industrial Strategy

Aim: To understand Swindon and Wiltshire's cyber resilience capabilities and national/international offer in the context of the industrial strategy (through a compelling evidence-based proposal).

Objectives:
- Provide a strong evidence base for the SWLEP and its partners to support strategic decision making;
- Support SWLEP's interface with, and representations to, government;
- Support the development of sector specific workforce and skills plans;
- Identify the area's unique selling points;
- Provide a robust evidence base and rationale to support funding bids;
- Underpin improvement in productivity performance and inclusive growth;
- Identify a set of stretching but realistic economic performance targets.

Aims & Objectives

The Swindon & Wiltshire LEP intends to submit a compelling and coherent cyber resilience proposal that will compete well for inclusion in the Local Industrial Strategy

What do participants gain:
- Opportunity to strengthen the collective cyber resilience offer for the region;
- Share experiences and test the validity of cyber resilience growth ideas;
- Learn about new and existing Government initiatives and resources; **[DCMS Cyber Growth Lead]**
- Opportunity to build networks and engage with key regional cyber decision makers.

Key questions by themes

Our place in the Real World

- What are the unique selling points, with a focus on cyber resilience, that Swindon and Wiltshire has to offer?

- What differentiates the Swindon Wiltshire cyber resilience offer from the other surrounding regions?

- What do businesses need to support growth and where should regional and national investment priorities lie?

Building the Enterprise Blueprint

- Can we position Swindon and Wiltshire as a Business-led Cyber Capital (Centre of Excellence)?

- How do we boost private investment in regional infrastructure and incentivise digital infrastructure investors? Who are the key stakeholders?

- Are there cyber resilience focus areas that we should target? Gartner Top 10?

Leveraging the UK Industrial Strategy

- How do we facilitate great inward investment and trade into the region through the UK Industry Strategy?

- What opportunities do we have for closer Government-industry collaboration?

- What other factors should we leverage to make this a success (PESTLE)?

Workshop Composition

SWLEP Cyber Resilience Workshop 2019
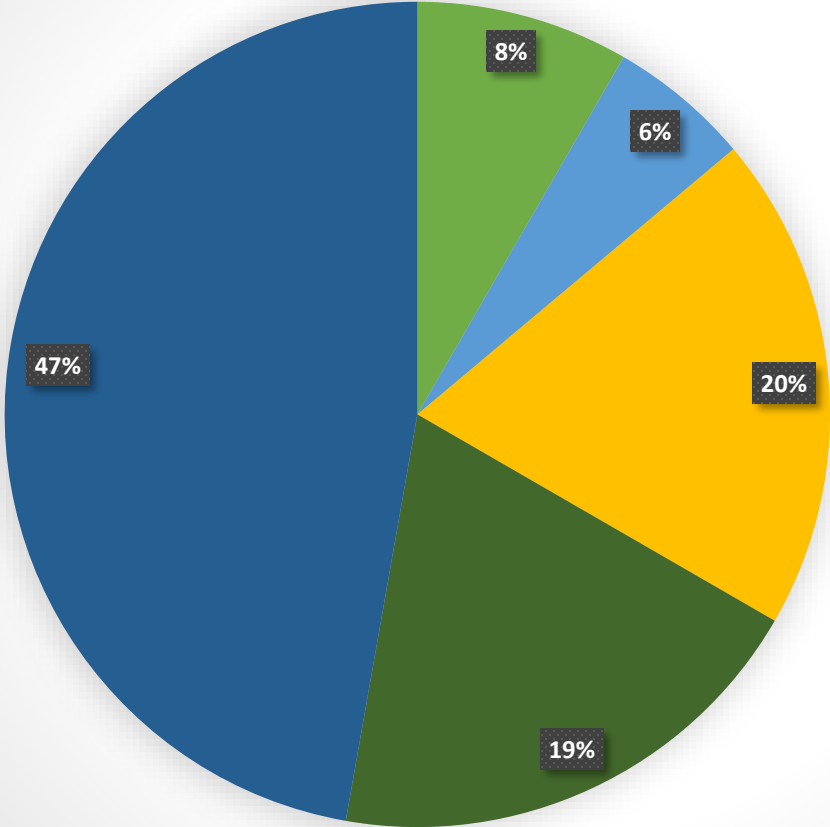
Workshop agenda

Time	Agenda item	Additional Details
08:30 – 09:00	Networking Breakfast / Arrival	
09:00 – 09:30	Opening Remarks / Welcome address	
09:30 – 09:45	Welcome Address / Purpose of Event	SWLEP / Chris Crowther (CC)
09:45 – 10:30	Theme #1: Real World Challenges	Discussion, facilitated by CC / BW
10:30 – 10:50	Coffee / Break	
10:50 – 11:35	Theme #2: Leveraging the UK Industry Strategy	Discussion, facilitated by CC / BW
11:35 – 12:20	Theme #3: Building the Enterprise Blueprint	Discussion, facilitated by CC / BW
12:20 – 12:50	Spotlight session	DCMS Cyber Growth Update Brief
12:50 – 13:00	Closing and next steps	SWLEP / Chris Crowther

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Swindon&Wiltshire
LOCAL ENTERPRISE PARTNERSHIP

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Building the Enterprise Blueprint

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Leveraging the UK Industrial Strategy

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