SWLEP Proposed Business Cyber Centre

Purpose: INFORM on progress and DECIDE on Cyber Hub location

Overview

	Secure Senior Stakeholder Engagement

	Business Cyber Centre Framework

	Macro Assessment

	Site Assessments

	Next Steps

INFORM: Secure Senior Stakeholder Engagement

HOW? Strategic Leader Dining Event

WHEN? 26 Mar 20 (Provisional)

WHERE? Institute of Directors, London

WHO? Representatives from key stakeholder groups (SEE NEXT SLIDE)

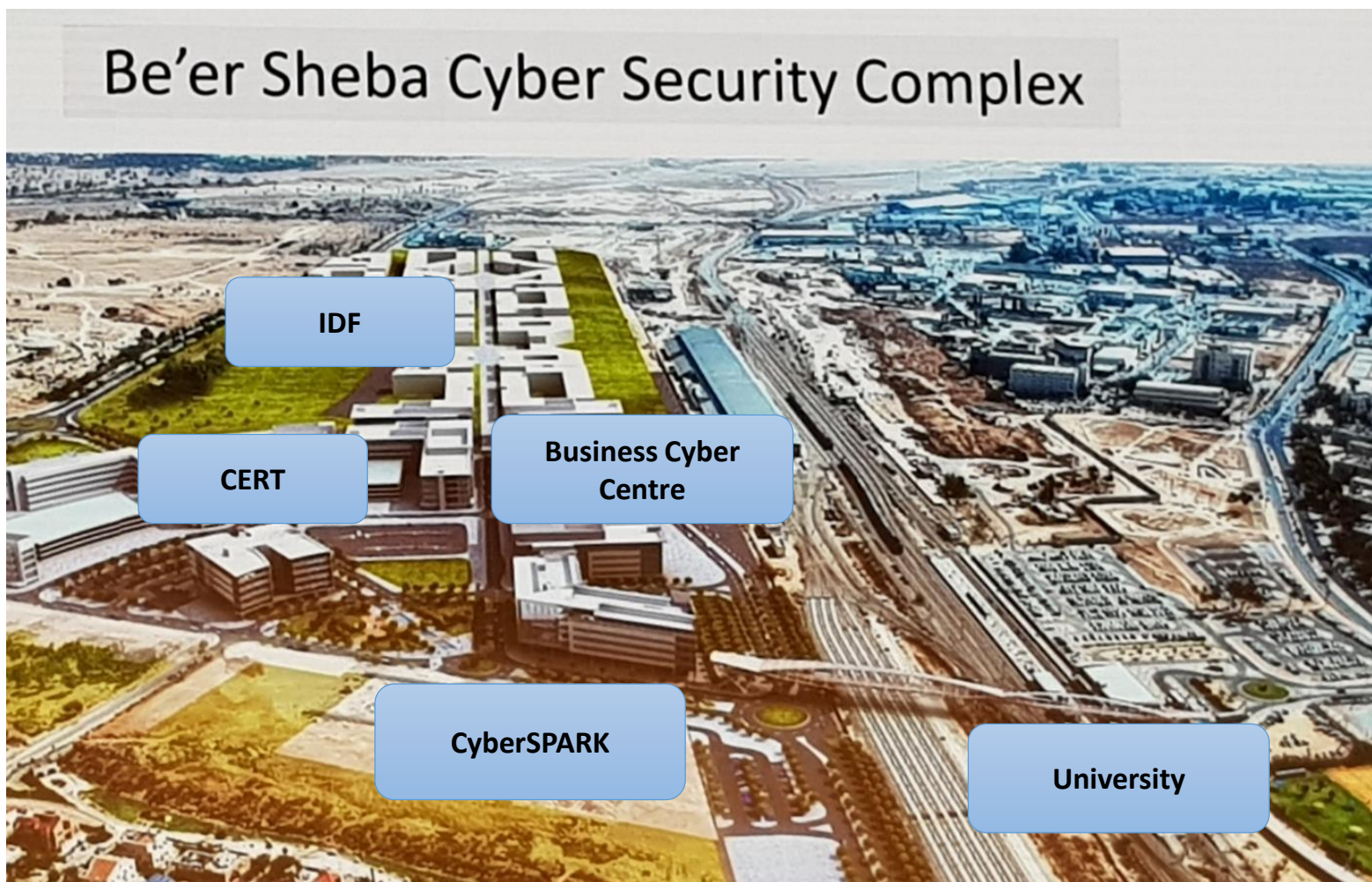**COST?** Being funded by EY / Interested Venture Capitalist

INTENDED OUTCOME. The intended outcome is to have **clear support** and enthusiasm from each of the **stakeholder groups to proceed** with the Cyber Hub project.
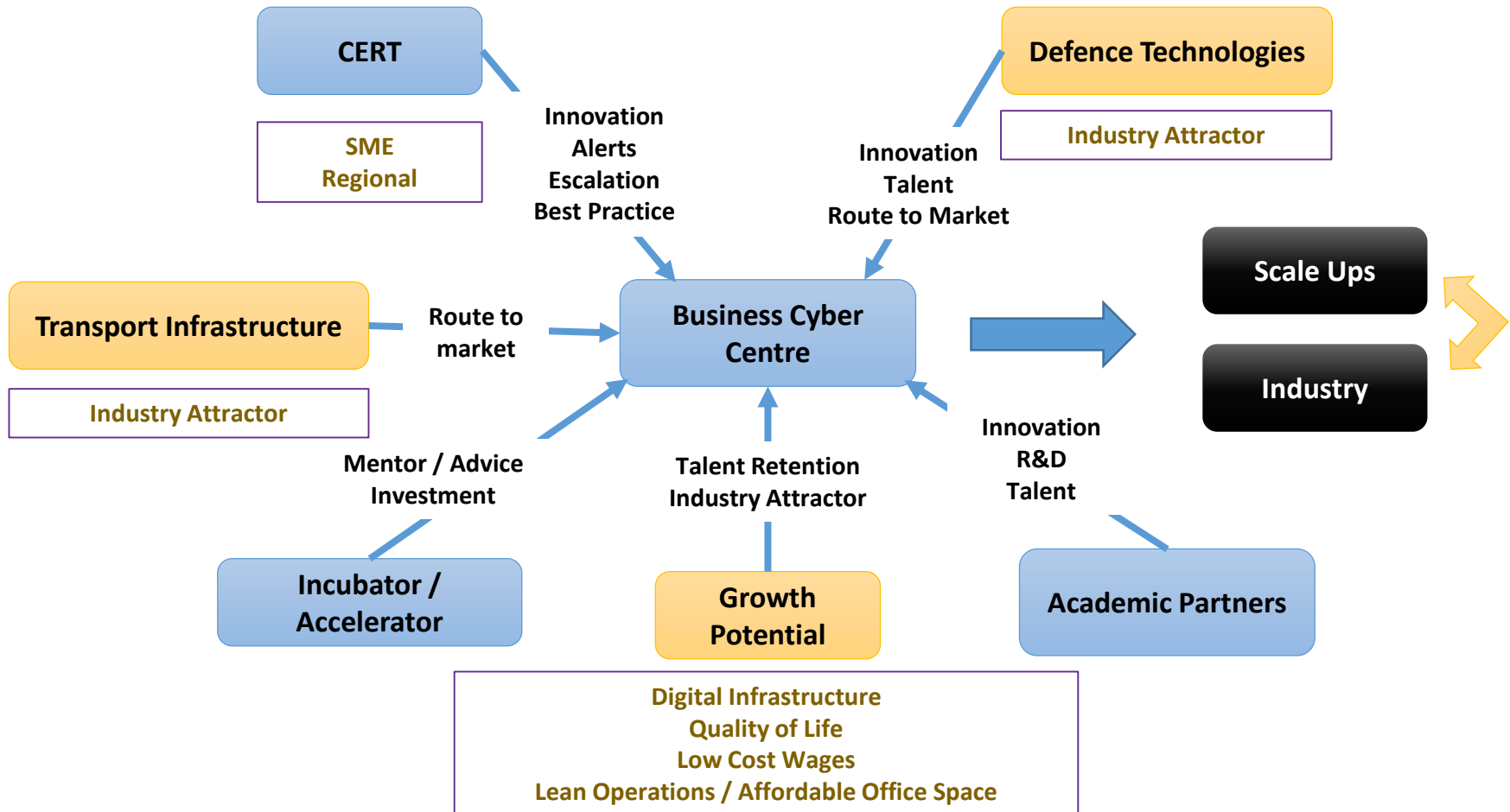
INFORM: Secure Senior Stakeholder Engagement

Invite List:

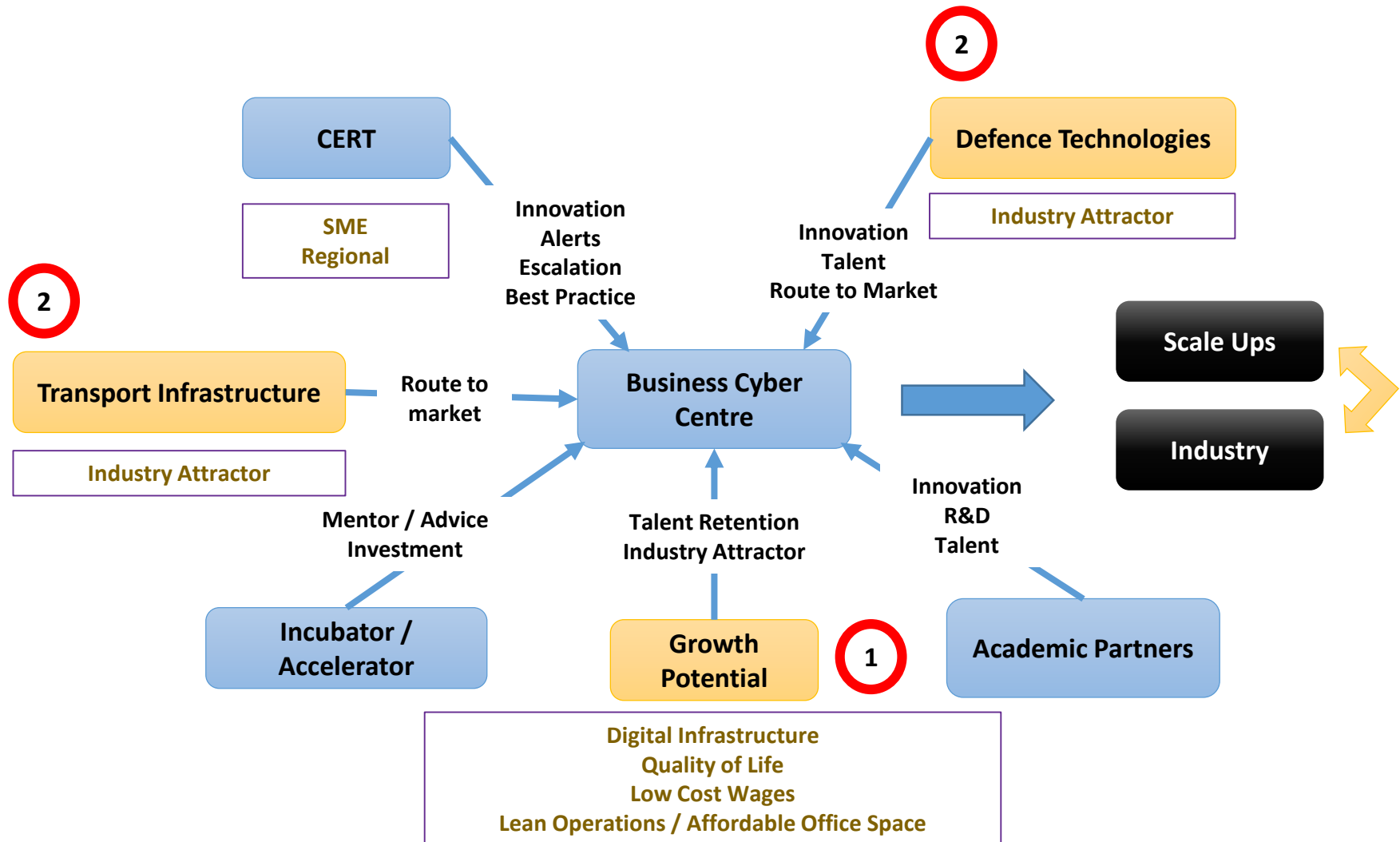| Stakeholder Group	Organisation
Defence	Chief Information Officer – Ministry of Defence Director Secure Operations Centre
Big Industry	Zurich Insurance Venture Capitalist Ernst & Young
Local Government	Leader, Wiltshire Council Leader, Swindon Borough Council
National Government	MP, Chippenham MP, Salisbury MP, Devizes MP, Swindon South Department for Business Innovation and Industrial Strategy
National Agencies	Head of Cyber Security, GCHQ
SWLEP	Chairman Director Board Sponsor for Cyber
Specialist	SWLEP Cyber Consultant West of England Cyber Cluster
Academia	To be confirmed

Business Cyber Centre Framework

![Swindon & Wiltshire Local Enterprise Partnership logo]

Business Cyber Centre Framework

CERT

2

Defence Technologies

SME
Regional

Innovation
Alerts
Escalation
Best Practice

Industry Attractor

Innovation
Talent
Route to Market

2

Transport Infrastructure

Route to
market

Business Cyber Centre

Scale Ups

Industry

Industry Attractor

Mentor / Advice
Investment

Talent Retention
Industry Attractor

Innovation
R&D
Talent

Incubator / Accelerator

Growth Potential

1

Academic Partners

Digital Infrastructure
Quality of Life
Low Cost Wages
Lean Operations / Affordable Office Space

INFORM: Develop detail on Cyber Hub components / critical interactions

Learn from experiences of CSIT – Belfast (11 Feb 20)

Queen's Island, Belfast
2002

Queen's Island, Belfast
2017

▶ **14 years of contribution to society**

▶ **250 people working in Institute, 180 in our building**

▶ **60 facilitated start-ups**

▶ **11 spin-out companies**

▶ **170 companies on the Science Park**

▶ **3000 people employed**

▶ **£100M+ p.a. in salaries for economy**

Comparison: % Rate as GOOD

% Rate as GOOD

Office Rent (£/sq ft)	House Price (£)	Talent Supply (%)	Digital Growth Optimism (%)	Quality of Life	Transport Infra
Belfast £19.00	Belfast £148,125	Cambridge 72%	Cambridge 95%	Malvern Worcs 95%	London 57%
Cardiff Swansea £21.00	Cardiff Swansea £185,639	Oxford 54%	Bristol & Bath 88%	Bristol & Bath 92%	Reading 43%
Oxford £25.00	Malvern Worcs £209,072	London 45%	Oxford 78%	Cambridge 92%	Cardiff Swansea 26%
Bristol & Bath £27.00	Bristol & Bath £315,523	Reading 42%	London 78%	Cardiff Swansea 89%	Oxford 23%
Reading £36.00	Reading £390,592	Bristol & Bath 41%	Reading 77%	Oxford 85%	Bristol & Bath 20%
Cambridge £36.00	Oxford £521,732	Belfast 33%	Belfast 76%	Reading 74%	Belfast 20%
London £87.50	Cambridge £522,820	Cardiff Swansea 31%	Cardiff Swansea 61%	Belfast 67%	Malvern Worcs 11%
	London £582,816	Malvern Worcs 12%	Malvern Worcs 56%	London 59%	Cambridge 10%
Swin £15.00 Wilts £10-£15*	Swin £213,629 Wilts 271,260			Swin £50,916 ** Wilts £49,167 **	

* FEMA report 2017 data ** IT Jobs Watch. UK Average is £57,000. Figures represent median wages that are above 85% of the UK a

Comparison: Growth Potential

Quality of Life	Low Cost Wages	Properties @ Comp Rates	Digital Infrastructure
Swindon House Price: £214k Accessible: YES Public Transport: Ltd	**Corsham** £49,167	**Swindon** Rates reasonable Growth possible Physical proximity	**Corsham** Superfast: YES Resilience: YES
Corsham House Price: £271k Accessible: YES Public Transport: Ltd	**Porton** £49, 167	**Corsham** Rates Reasonable Growth possible Physical proximity	**Porton** Superfast: ?? Resilience: YES
Porton House Price: £271k Accessible: NO Public Transport: NO	**Swindon** £50,916	**Porton** Rates reasonable Rather Isolated Physical proximity	**Swindon** Superfast: ?? Resilience: NK

Comparison: Growth Challenges

Acceptable Travel Time

| Travel London*	Travel Heathrow**	Proximity to Defence Tech
Swindon (70 min) Drive: 15 mins Train: 55 min	**Porton (85 min)** Drive: 75 min	**Corsham (0 min)** ISS Corsham on-site
Corsham (90 min) Drive: 16 min Train: 71 min	**Swindon (75 min)** Drive: 90 min	**Porton (0 min)** DSTL / DASA on-site
Porton (120 min) Drive: 25 min Train: 92 min	**Corsham (105 min)** Drive: 105 min	**Swindon (35 min)** Drive: 35 min (ISS)

Times calculated using Google Maps
* Travel time is drive time to closest train hub + train time to London terminal
** Drive time from site to T5 calculated using Google Maps (Depart time 0900)

Train travel times continue to fall

Digital Infrastructure
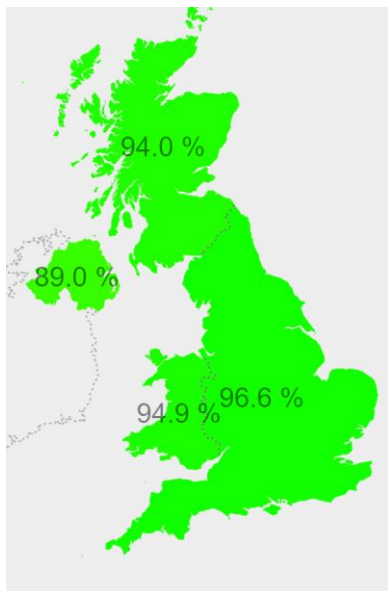
Definition: Superfast Broadband: >30 Mbps

England: >97%

Note: All B1 sites inspected provided the following:
- **(Minimum of) 300KVA**
- **1GB Fibre to site**

Corsham

	Highest available download speed	Highest available upload speed	Availability
Standard	20 Mbps	1 Mbps	✅
Superfast	80 Mbps	20 Mbps	✅
Ultrafast	--	--	❌

Swindon

	Highest available download speed	Highest available upload speed	Availability
Standard	12 Mbps	1 Mbps	✅
Superfast	--	--	❌
Ultrafast	--	--	❌

Porton

	Highest available download speed	Highest available upload speed	Availability
Standard	6 Mbps	1 Mbps	✅
Superfast	--	--	❌
Ultrafast	--	--	❌

https://checker.ofcom.org.uk/broadband-coverage

Site Assessment – Simple Scoring

Site	Quality of Life	Low Cost Wages	Commercial Properties	Digital Infra	Travel - London	Travel LHR	Proximity to Defence Tech
Swindon NCC Wroughton	3	1	2	2	3	3	1
Corsham Science Park	2	3	3	3	2	1	3
Porton Science Park	1	2	1	1	1	2	2
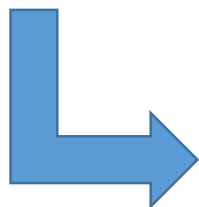
Site	Total Score
Swindon NCC Wroughton	15
Corsham Science Park	17
Porton Science Park	10

Purpose: INFORM on progress and **DECIDE** on Cyber Hub location

The SWLEP Board is recommended to APPROVE:

- Corsham as the preferred site for the SWLEP Cyber Hub.
- The initial demonstrator to be established at the Corsham Science Park.
- Continuing development of detailed business case.

Questions