



THE NATIONAL  
**ROBOTARIUM**  
PEOPLE CENTRED :: INTELLIGENCE DRIVEN

**Pete Felton**  
Business Development Executive

- A New Resource adding to what already exists
- Available for all in the UK to use
- Adding new capabilities to those already available
- Offering new ways to connect

40,000 sqft/4,000 sqm  
450 people capacity  
5G enabled  
Indoor and outdoor facilities  
Forum capacity of 200



# Standing on the shoulders of giants



THE UNIVERSITY  
of EDINBURGH



EDINBURGH CENTRE FOR  
**ROBOTICS**



**ORCA HUB**  
Offshore Robotics for Certification of Assets  
Remote Safety and Integrity



THE UNIVERSITY  
of EDINBURGH

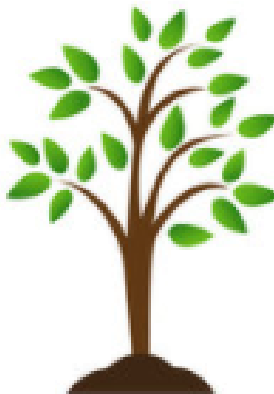


**Data-Driven  
Innovation**

*Part of the Edinburgh & South East Scotland City Region Deal*



THE NATIONAL  
**ROBOTARIUM**  
PEOPLE CENTRED :: INTELLIGENCE DRIVEN



£22.4M invested in the Building and Equipment  
Further £15M over 3 years to get The National Robotarium established

# The National Robotarium

uses

## Robotics and AI

to



Help Keep Us Safe



Help Keep Us Healthy



Help Us to be Productive



Help Us Develop Talent



Help Us Shape the Future

by

while

Add value by reducing cost, time and risk, and increasing opportunity

Be inspired by industry for economic and societal needs

Continue to advance research and stay constantly curious

Have facilities such as living labs and test areas we can all share

Have an impact by solving problems

Develop talent and skills both in quantity and quality

Have a multiplier effect by partnering and being collaborative

Enable people and robots to work together collaboratively



in order to

Have a Positive Impact on the Economy

Have a Positive Impact on Society

So that

The National Robotarium is Globally Recognised as Significant



THE NATIONAL  
**ROBOTARIUM**  
PEOPLE CENTRED :: INTELLIGENCE DRIVEN

# The National Robotarium's Physical Presence



## Incubation & Colocation

Office Space  
Events, Meetings & Seminars  
Hot-Desks  
Workshop



## Talent & Skills

Schools  
Colleges  
Continuing Professional Development (CPD)  
Public Engagement



## Test Facilities

Wave Tank  
Outdoor Test Area  
RAS Lab  
Living Labs



## People

Robot Systems Engineers  
Academics  
Researchers  
Robot Technicians  
Project Managers  
Students



## Lab Space

Robotics & Autonomous Systems (RAS)  
Human-Robot Interaction  
Lasers  
Outdoor Test Area  
User Defined



## Robots

Spot	UAVs
Husky	Flash
Pepper	FurHat
iCub	TIAGo
Nao	...and more

# The National Robotarium's Reach



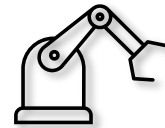
Industry



Health & Social Care



Universities



Robotic Centres



Finance



Global Reach

Energy  
Healthcare  
Construction  
Hospitality  
Agriculture  
Space  
Manufacturing

NHS  
Private  
Social Housing

Research  
Teaching

UK  
Global

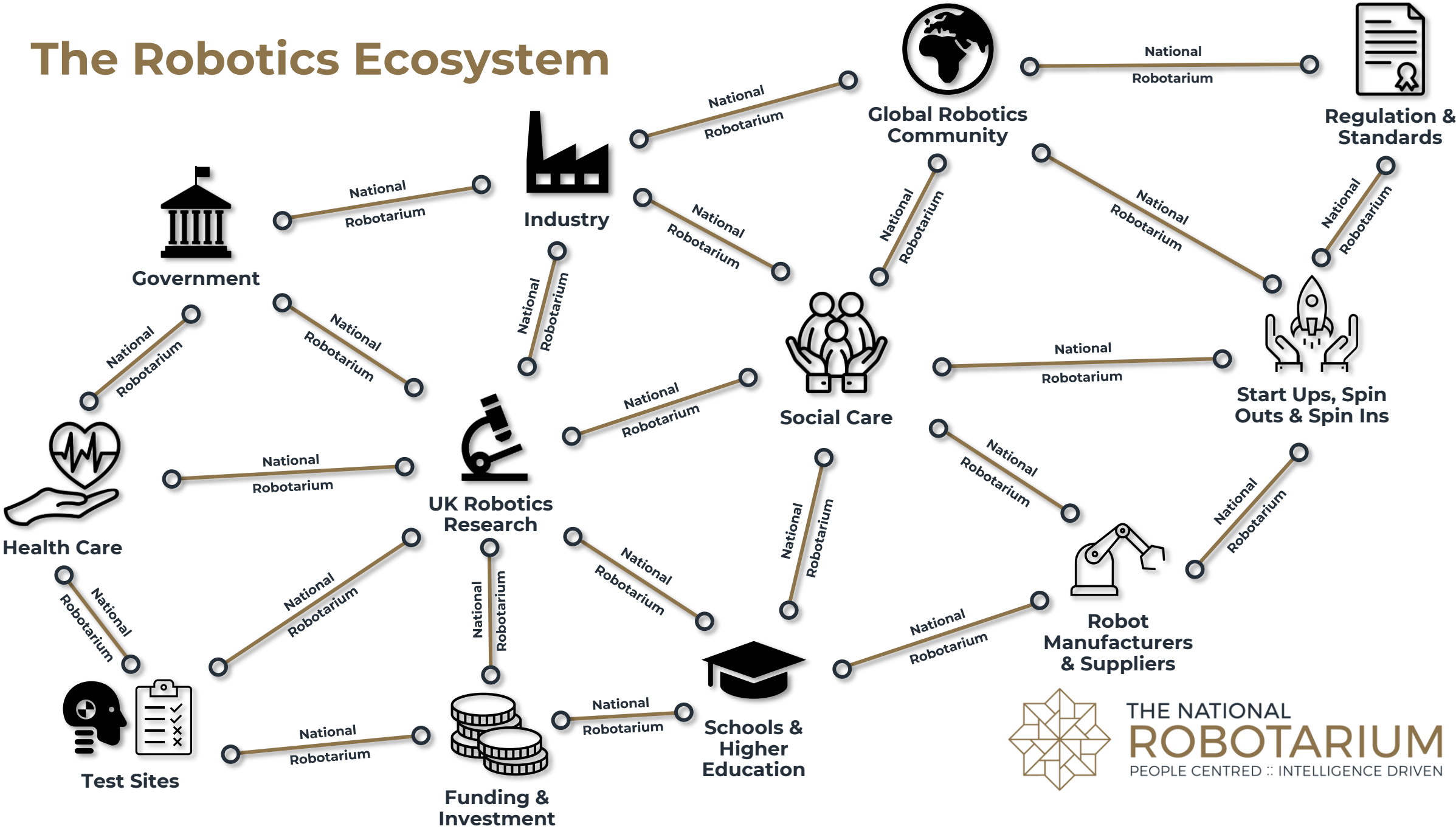
Private  
Public

UK  
Dubai  
Malaysia



THE NATIONAL  
**ROBOTARIUM**  
PEOPLE CENTRED :: INTELLIGENCE DRIVEN

# The Robotics Ecosystem



THE NATIONAL  
**ROBOTARIUM**  
PEOPLE CENTRED :: INTELLIGENCE DRIVEN

# Delivered to Multiple Sectors



THE NATIONAL  
**ROBOTARIUM**  
PEOPLE CENTRED :: INTELLIGENCE DRIVEN



# thenationalrobotarium.com

People Centred: Intelligence Driven



THE NATIONAL  
**ROBOTARIUM**  
PEOPLE CENTRED :: INTELLIGENCE DRIVEN



THE UNIVERSITY *of* EDINBURGH