

Funding opportunities and ISCF funding

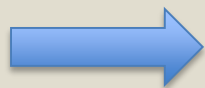
Dr Sally Beken – KTN / InnovateUK
University of Sussex, 3rd May 2018

Innovate UK
Knowledge Transfer Network

KTN: Connecting
people to accelerate
innovation



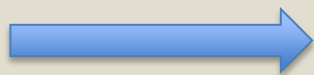
Department for
Business, Energy
& Industrial Strategy



UK Research
and Innovation



Innovate UK



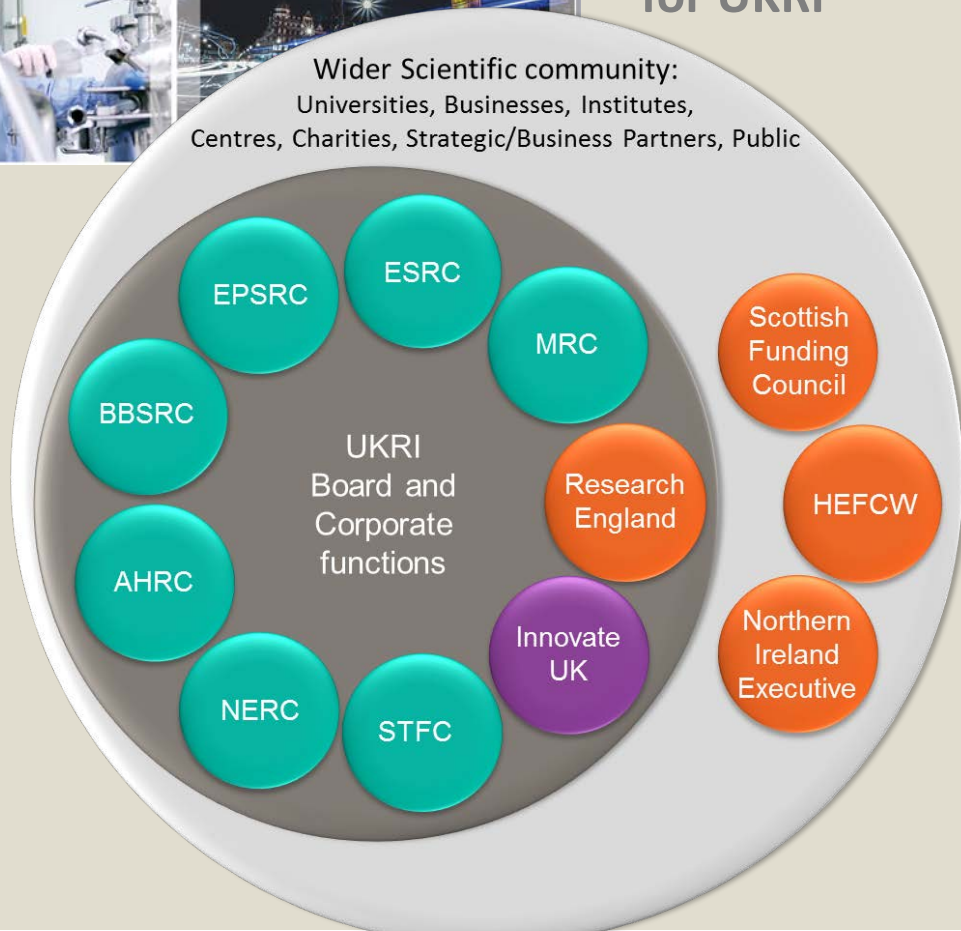
Innovate UK
Knowledge Transfer Network



Early priorities for UKRI

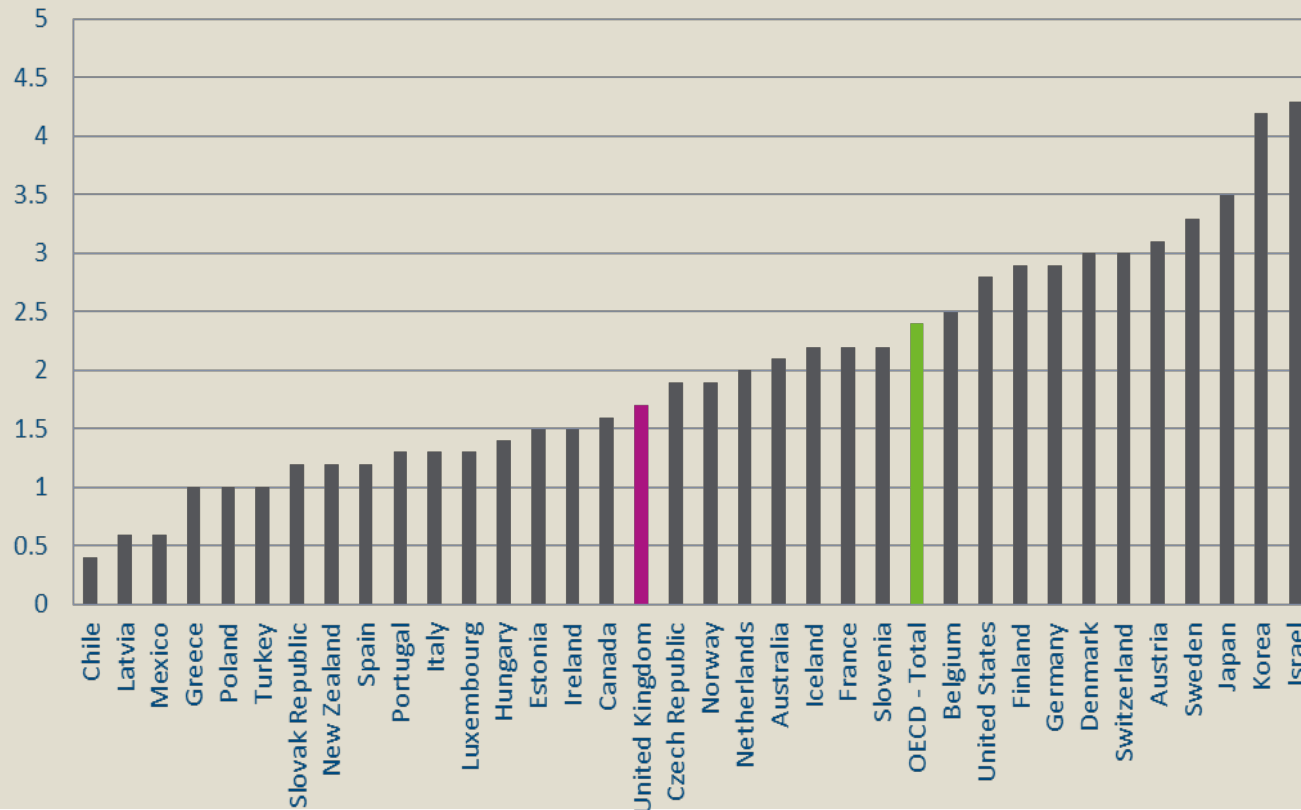
UK Research and Innovation

- Impact and Commercialisation
- Industrial Strategy Challenge Fund
- Infrastructure Roadmap
- International Collaboration
- Regional Innovation and Growth
- Strategic Priorities Fund and Core Budgets
- Supporting Research Talent
- Working towards 2.4%



Working towards 2.4%

Gross Expenditure on R&D as a percentage of GDP



“As a first step it will invest an additional £2.3bn over what was previously planned in 2021/22.”

Indications of the levels of funding

Under one roof

UK Research and Innovation incorporates research councils that provide grants in six areas and one that supports science facilities, as well as an innovation agency. Half the overall budget, shown for 2017–18, is spent on block grants to universities, through Research England.

Research England
£3602 million (M)

**Engineering and
physical sciences**
£796M

Innovate UK
£773M

Medical Research Council
£597M

**Biotechnology
and biology**
£356M

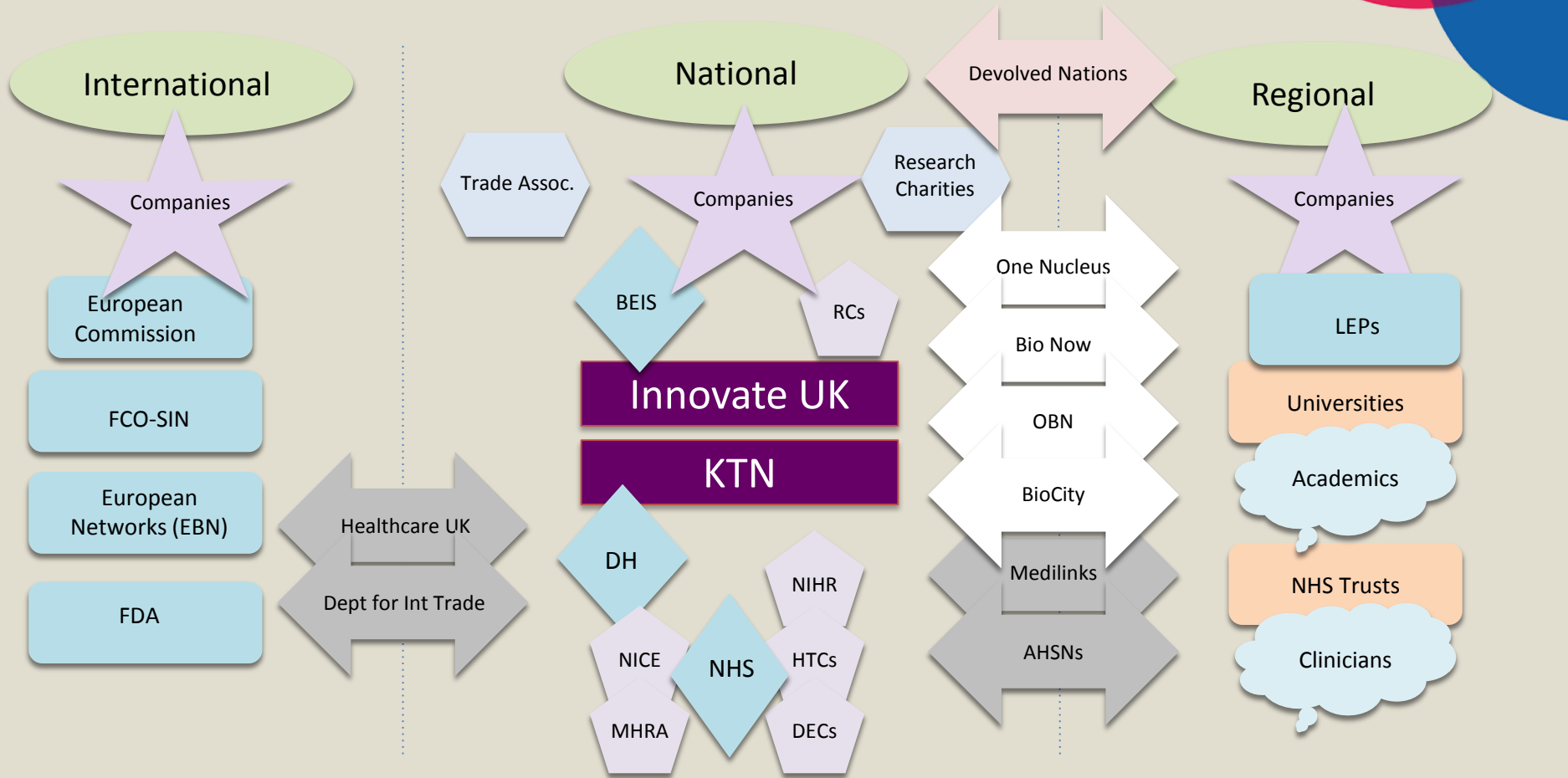
**Natural
environment**
£290M

**Astronomy, physics,
and facilities**
£396M

**Economic and
social research**
£157M

**Arts and
humanities**
£101M

Understanding innovation landscapes



Knowledge Transfer Network (KTN)



- 170 staff
- 60,000 contacts

- National
- Innovation Network
- Connecting the unusual suspects to speed up innovation, solve problems and find markets for new ideas.
- KTN brings together businesses, entrepreneurs, academics and funders to develop new products, processes and services.

Connecting business innovation

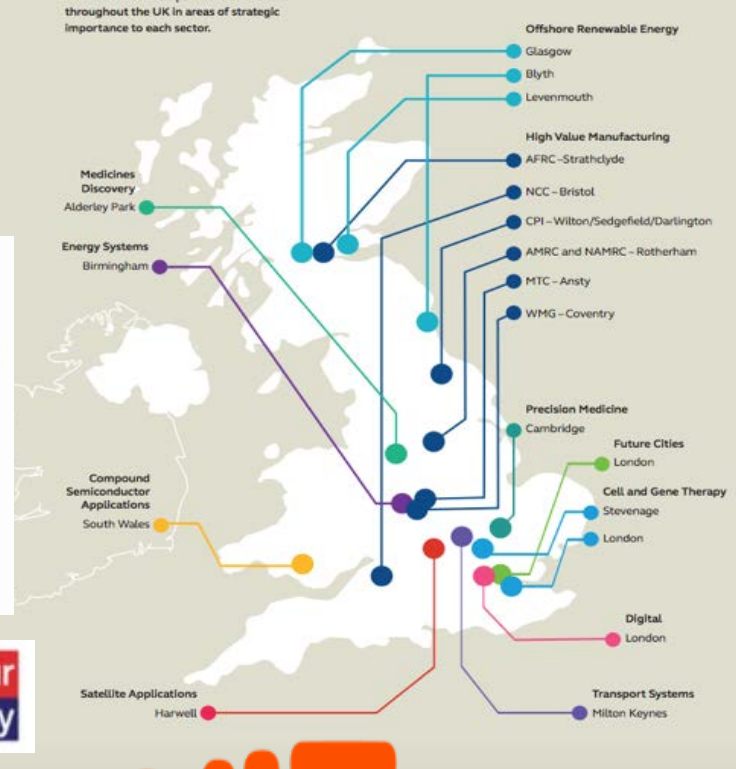
UK Research
and Innovation

Innovate UK
Knowledge Transfer Network

Knowledge Transfer
Partnerships



Building our
Industrial Strategy



CATAPULT

Innovate UK

Innovate UK – the UK's innovation agency

We work with people, companies and partner organisations to find and drive the **science and technology innovations** that will grow the UK economy - delivering productivity, new jobs and exports.

Our aim at Innovate UK is to **keep the UK globally competitive** in the race for future prosperity.



Investment of
£2.2bn
since 2007



industry match
funding taking
the total value
of projects above

£3.75bn



Up to
£16bn
in added value
to the economy



up to
£7.30
for every **£1**
we've invested.



We've funded around
11,000
projects



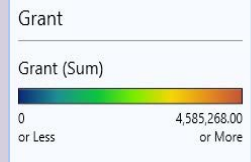
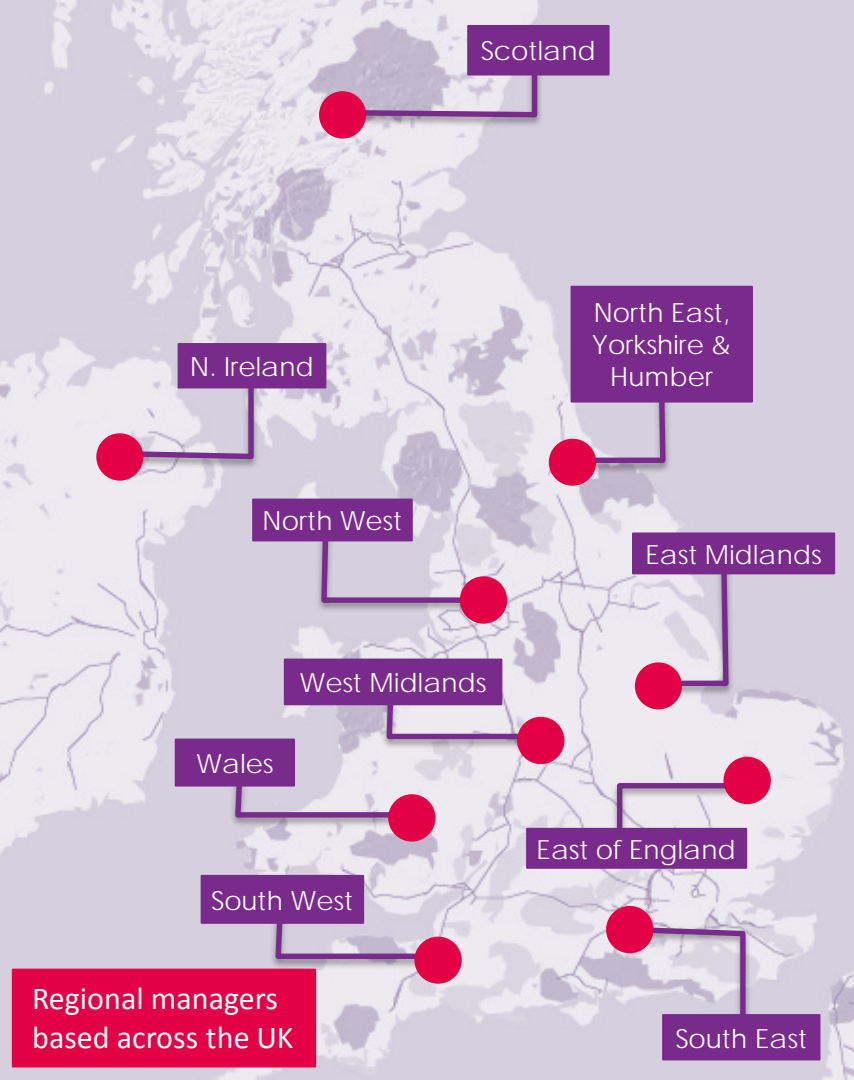
8,000
unique
organisations
involved



8 jobs for each
organisation
involved

70,000
jobs created in total





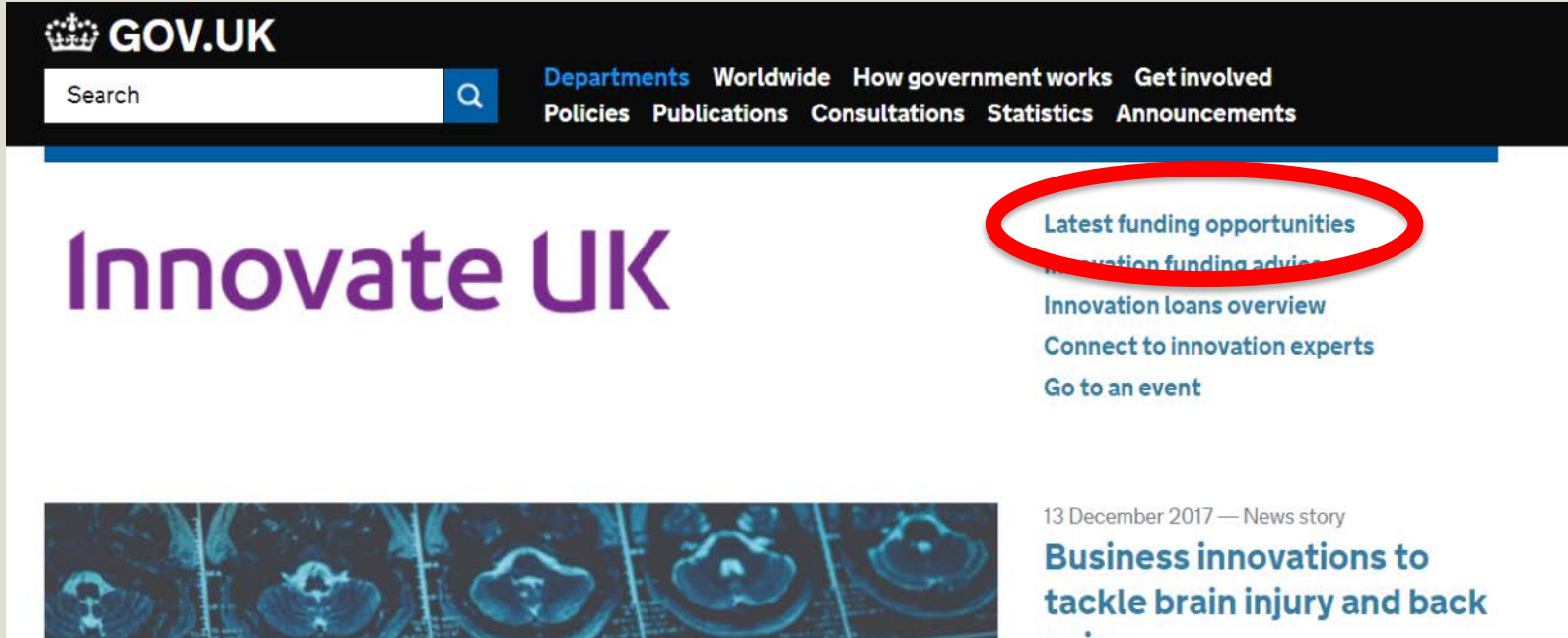
Wave 1 Innovate UK investment-ready Industrial Strategy Challenge Fund awards



Place is key to innovation. We fund businesses throughout the UK and work closely with stakeholders in the regions and nations.

Innovate UK funding portfolio by postcode

How to apply



The screenshot shows the GOV.UK website header with a search bar and navigation links. The main content area features the 'Innovate UK' logo and a list of links on the right. A red circle highlights the 'Latest funding opportunities' link. Below the links is a banner image of brain scans and a news story snippet.

GOV.UK

Search

[Departments](#) [Worldwide](#) [How government works](#) [Get involved](#)
[Policies](#) [Publications](#) [Consultations](#) [Statistics](#) [Announcements](#)

Innovate UK

- [Latest funding opportunities](#)
- [Innovation funding advice](#)
- [Innovation loans overview](#)
- [Connect to innovation experts](#)
- [Go to an event](#)

13 December 2017 — News story

Business innovations to tackle brain injury and back pain

March 2018 sector competition: Open

- UK businesses can apply for a share of £19 million for game-changing innovations with strong commercial potential that will significantly impact the UK economy.
 - Eligibility:
 - To lead a project you must:
 - be a UK based business of any size
 - carry out your project in the UK
 - work alone or in collaboration with others (businesses, research base or third sector)
-
- Open now
 - Closes:
 - 9 May 2018

Open Programme Round 1 –
opens May 10th, max of 3
applications per applicant

Innovation Loans

- Loans to enable the increase in manufacturing readiness of innovations in manufacturing systems or processes and/or materials development, integration or reuse.
- **Eligibility:** to take on an innovation loan for a project you must:
- be a UK based micro, small or medium-sized enterprise (SME)
- carry out your project in the UK
- 3.7%, £100K to £1million, over 10 yrs (drawdown, extension, repayment)

KTP's — graduates on a company project, Uni. employment

East Sussex, Kent, Central and South London, West Sussex

Terry Corner - 07860 863 645 - terry.corner@ktn-uk.org

Hampshire and the Isle of Wight

Stephen Woodhouse - 07860 863 652 - stephen.woodhouse@ktn-uk.org

Industrial Strategy

Building a Britain fit for the future
November 2017

For help with the funding process, application, finding partners, use the KTN, its free.

Innovate UK
Knowledge Transfer Network

Industrial Strategy



AI & Data Economy

We will put the UK at the forefront of the artificial intelligence and data revolution



Future of Mobility

We will become a world leader in the way people, goods and services move

10



Clean Growth

We will maximise the advantages for UK industry from the global shift to clean growth



Ageing Society

We will harness the power of innovation to help meet the needs of an ageing society

Industrial Strategy Challenge Fund



Medicines manufacturing technologies



Batteries for clean and flexible energy storage



Manufacturing and materials of the future



Robots for a safer world



Self-driving vehicles



Satellites and space technology

Wave 2 of the Challenge Fund



Transforming construction



Data to early diagnosis & precision medicine



Transforming food production



Next generation services



Energy revolution



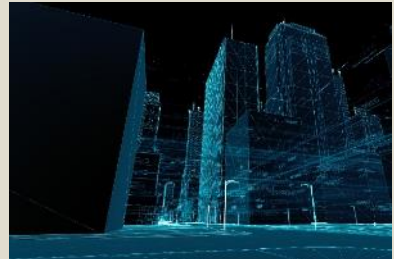
Healthy ageing



Audience of the future



Quantum technology



ISCF – Wave 3



- Industrial Strategy Challenge Fund expression of interest
- UK businesses can propose which of the main challenges faced by UK industry should be addressed by the Industrial Strategy Challenge Fund.

Eligibility:

- To submit an expression of interest you must be an industry-led consortium of partners.
- Consortium members can be from academic organisations, public sector bodies, and research and technology organisations (RTOs).
- Closed: 18 April 2018
- Decisions on Deep Dive process underway

InFocus (Women in Innovation)

- Encouraging diversity... (14% to 24%)

Young Innovators – Ideas mean business

- Disadvantaged 18-30 yr olds
- Second Women in Innovation competition planned around ISCF



Innovation
through
connections



Who and where in the South East:



Innovate UK family:

- IUK Regional manager, Colm Watling
- KTN, Sally Beken, Bruce McLelland, Steve Welch
- EEN - Andy Hebb

- **Local Enterprise Partnerships**



And Finally:

Manufacturing team at KTN – (5)

4Manufacturing, Additive Manufacturing SIG

Materials team at KTN (5)

Polymers, Composites, Robotics & AI SIG, Graphene 2D Materials SIG

- You don't know what you don't know – ask KTN
- Communicate your ideas - projects
- We help build community / trust
- Share / collaborate
- Do it well and with support / funding – reap rewards

Dr Sally Beken: 07964-554659

E-mail: sally.beken@ktn-uk.org

Communicate with us, its free!

Thank you.