Funding opportunities and ISCF funding

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

KTN: Connecting people to accelerate innovation
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%
“As a first step it will invest an additional £2.3bn over what was previously planned in 2021/22.”
### 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.

<table>
<thead>
<tr>
<th>Area</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Engineering and physical sciences</td>
<td>£796M</td>
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<tr>
<td>Innovate UK</td>
<td>£773M</td>
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<tr>
<td>Medical Research Council</td>
<td>£597M</td>
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<tr>
<td>Biotechnology and biology</td>
<td>£356M</td>
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<tr>
<td>Natural environment</td>
<td>£290M</td>
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<tr>
<td>Astronomy, physics, and facilities</td>
<td>£396M</td>
</tr>
<tr>
<td>Economic and social research</td>
<td>£157M</td>
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<tr>
<td>Arts and humanities</td>
<td>£101M</td>
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Understanding innovation landscapes

International
- Companies
  - European Commission
  - FCO-SIN
  - European Networks (EBN)
  - FDA

Trade Assoc.
- BEIS
- RCs

National
- Companies
  - BEIS
  - Research Charities

Devolved Nations
- One Nucleus
- Bio Now
- OBN
- BioCity
- Medilinks
- AHSNs

Regional
- Companies
  - LEPs

Companies
- Healthcare UK
- Dept for Int Trade
- NICE
- NIHR
- MHRA
- DH
- NHS
- HTCs
- DECs

Universities
- Academics
- NHS Trusts
- Clinicians
Knowledge Transfer Network (KTN)

- 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.

- 170 staff
- 60,000 contacts
Connecting business innovation

UK Research and Innovation

Innovate UK
Knowledge Transfer Network

Knowledge Transfer Partnerships

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

We’ve funded around 11,000 projects

8,000 unique organisations involved

Up to £7.30 for every £1 we’ve invested.

8 jobs for each organisation involved

70,000 jobs created in total
Place is key to innovation. We fund businesses throughout the UK and work closely with stakeholders in the regions and nations.

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

Regional managers based across the UK

Innovate UK funding portfolio by postcode
How to apply
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

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

Closes:
• 9 May 2018
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 £1 million, 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
For help with the funding process, application, finding partners, use the KTN, its free.
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.
- **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
- Robots for a safer world
- Batteries for clean and flexible energy storage
- Self-driving vehicles
- Manufacturing and materials of the future
- 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
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

[Map showing the South East region with various partnership logos]
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

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Communicate with us, its free! Thank you.