Research England Engagement Forum

Manchester
Wednesday 4 July 2018
12.30 – 17.00

#REManchesterEngage18
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>12.30 – 13.30</td>
<td>Registration, networking lunch</td>
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| 13.30 – 14.30 | Plenary:  
Strategic Priorities of Research England and  
UK Research and Innovation  
*David Sweeney, Research England’s Executive Chair*  
*Helen Cross, UK Research and Innovation’s Head of Strategy Coordination*  
Panel Discussion  
*Helen Cross, David Sweeney, Steven Hill and Alice Frost* |
| 14.30 – 15.00 | Facilitated Discussion A                                               |
| 15.00 – 15.30 | Coffee Break and Networking                                           |
| 15.30 – 16.00 | Facilitated Discussion B                                               |
| 16.00 – 16.30 | Facilitated Discussion C                                               |
| 16.30 – 17.00 | Facilitation Session Feedback & Close  
*Helen Cross, David Sweeney, Steven Hill and Alice Frost* |
| 17.00      | Close                                                                 |
Plenary

Introduction from the Executive Chair

David Sweeney

#REManchesterEngage18
• Three months old
• But drawing on huge amount of experience
• Want to listen and learn
UKRI in context...
UK Research and Innovation: benefiting everyone through knowledge, talent, and ideas.
Research England’s mission

Research England creates and sustains the conditions for a healthy and dynamic research and knowledge exchange system in English higher education institutions.
Our roles

- Funding for higher education institutions
- Institutional engagement and dialogue
- System intelligence and analytics
- Close working with the devolved funding bodies and the OfS
Quality-related Research (QR) funding £1,642m

- UK Research Partnership Investment Fund £133m
- Higher Education Innovation Funding £210m
- Formula research capital funding £183m
- National Facilities and Initiatives £43m
- Connecting Capability Fund £25m
University research income vs. expenditure

Research Council grants = £2.0bn
Research England and devolved funding councils = £1.9bn
Other government depts = £1.1bn
PGR income = £1.1bn
EU research grants = £0.75bn
UK charity grants = £1.2bn
Industry research income = £1.1bn
Other contributions to research = £0.4bn

Total university research income = £9.6bn

University expenditure on research (full economic cost) = £12.8bn
Research capital schemes

UK Research Partnership Investment Fund (UKRPIF)
• £900m total fund value up to 2021
• Bids double-matched with industry or other non-public funding
• 43 projects funded since 2012
• UKRPIF is administered by Research England on behalf of the whole of the UK

Formula Research Capital
• £203m per financial year
• Allocated by formula

Centre of Excellence for Sustainable Chemistry
University of Nottingham
£10.3m UKRPIF investment
Higher Education Innovation Fund (HEIF)

- Funded from Science/Research Budget and the OfS teaching grant
- Secured against a long-term institutional strategy for KE, and plan for use of HEIF
- Used for full range of KE aligned with institutional KE strategy

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<tr>
<th>Infrastructure category</th>
<th>Expenditure (£ million)</th>
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<tbody>
<tr>
<td>Facilitating the research exploitation process (non-technology transfer)</td>
<td>64.9</td>
</tr>
<tr>
<td>Commercialisation (technology transfer)</td>
<td>26.8</td>
</tr>
<tr>
<td>Skills and human capital development</td>
<td>19.2</td>
</tr>
<tr>
<td>Knowledge sharing and diffusion</td>
<td>18.2</td>
</tr>
<tr>
<td>Supporting the community and public engagement</td>
<td>9.7</td>
</tr>
<tr>
<td>Enterprise and entrepreneurship, including social</td>
<td>14.4</td>
</tr>
<tr>
<td>Exploiting the HEI’s physical assets</td>
<td>6.8</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>160.0</strong></td>
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Source: Institutional strategies; PACEC
National facilities and initiatives

- Museums and galleries
- Jisc
- National Centre for Universities and Business
- National Coordinating Centre for Public Engagement
- UUK International
- Vitae
Assessment, evaluation and evidence

- Research Excellence Framework 2021: working with other funding bodies, team based in Research England
- Knowledge Exchange Framework
  - KEF principles
  - KEF metrics
- Centre of expertise on HESA data (including HE-BCI review)
- Analysis and evidence function – working with Office for Students and UKRI analysts
KE Framework

KEF metrics: “How well do institutions use the assets they have to create economic and societal value?”
- Approach guided by Technical Advisory Group (chair Prof R Jones)
- Consultation in Spring 2018
- Implementation from Autumn 2018
- Focus on fair comparison

Principles:
- Exploration of good practice (e.g. McMillian review of technology transfer)
- Future Concordat
Expanding Excellence in England fund

- New element of QR funding for 19/20 onwards (£75m over 3 years)
- Aim: support the strategic expansion of excellent research units and departments in HEIs across England
- Up to ten awards
Strength in Places

• £115m fund

• Takes a place-based approach to research and innovation funding, to support significant regional growth

• Competitive fund for collaborative bids between businesses and research organisations, with demonstration of strong engagement with local leadership partners.

• UKRI scheme
  • Research England and Innovate UK joint programme team
  • David Sweeney as SRO
New opportunity: Research England Development Fund

• New competitive projects fund – £25m in Year 1
• Support for innovative projects that benefit whole sector or nation
• Initial priorities:
  • Industrial strategy through KE
  • Research collaborations
  • International collaborations

• Email REDevelopmentFund@re.ukri.org if you are interested in applying
Joint working with the Office for Students

- Skills capability and progression
- Knowledge exchange (including HEIF)
- Infrastructure funding
- Financial sustainability and efficiency of the HE system and providers
- Accountability and assurance
- Evidence gathering and system intelligence
- TEF, REF and KEF
Themes for discussion today

- Universities and the 2.4% target
- Evidence of importance of formula funding
- HEIF and Commercialisation
- Knowledge Exchange Framework
- The role of Place in research and KE funding
- REF 2021
- The future of research assessment
- Healthy research environment
- Open Research
- International collaboration
Strategic Priorities for UKRI

Helen Cross – Head of Strategy Coordination, UKRI
UK Research and Innovation, launched on the 1st April 2018, is the new funding organisation for research and innovation in the UK.

It brings together the seven UK research councils, Innovate UK and a new organisation, Research England, working closely with its partner organisations in the devolved administrations.
• **More than £6.5 billion** in combined budget per year

• **3,900** research and business grants issued every year

• **151** universities receiving research funding

• **38** institutes, laboratories, units, campuses and innovation catapults
UK Research and Innovation: benefiting everyone through knowledge, talent, and ideas.
Our Values

- **Collaboration:** We will work in partnership with the UK’s diverse research and innovation community.

- **Innovation:** We will build on international best practice, learn from what doesn’t work, innovate and take risks.

- **Integrity:** We will be independent and objective, using rigorous analysis and robust monitoring and evaluation.

- **Excellence:** We will ensure quality, value for money and sustainability are embedded in everything we do.
To achieve our vision, we need to get the foundations right.

We will focus on four key areas:

**Foundations for Research and Innovation**

- **Leading talent**
  Nurturing the pipeline of current and future talent

- **Openness and transparency**
  Supporting the development of a research and innovation system that is accessible, transparent and cooperative

- **A trusted and diverse system**
  Driving a culture of equality, diversity and inclusivity providing the best opportunities for individuals and teams of people from all backgrounds to thrive

- **Research culture**
  Promoting the highest standards of research, collaboration and integrity.
Early priorities for UKRI

- Industrial Strategy Challenge Fund
- Infrastructure Roadmap
- Innovation and Commercialisation
- International Collaboration
- Regional Innovation and Growth
- Strategic Priorities Fund
- Supporting Research and Research Talent
- Supporting Societal Impact
- Working towards 2.4%
How the ISCF challenges fit with the Industrial Strategy Grand Challenges

**Clean growth**
- Energy revolution
- Transforming construction
- Transforming food production

**Ageing Society**
- Medicines manufacturing
- Data to early diagnosis and precision medicine
- Healthy ageing
- Leading-edge healthcare

**Future of mobility**
- Faraday battery challenge
- Robotics for a safer world
- National space test facility
- Manufacturing and future materials

**Artificial intelligence and data economy**
- Audience of the future / Next generation services (pioneer) / Quantum technology (pioneer)
Knowledge into society and economy

**KEF**
- Generating knowledge through research
- Transmitting knowledge through teaching
- Translating knowledge into practical uses

**REF**
- Increasing significantly the importance of ‘impact’ - raising it from 20% to 25% in the next assessment round

**HEIF**
- £250M a year by 2020-21

**Innovate UK Catapults**
- £178m interim funding
Working towards 2.4%

The Government has committed to reaching:

- 2.4% of GDP investment in R&D by 2027
- Reaching 3% in the longer term
- Additional £7bn by 2021/22

In 2015 UK’s expenditure on R&D represented 1.7% of GDP – below the OECD average R&D intensity of 2.4%.

Source: OECD STI. Data is the latest available for each country.
Thank you
Panel discussion

Chair:
Ben Johnson
Head of Insight and Engagement
Research England

Panel:
David Sweeney
Executive Chair
Research England

Helen Cross
Head of Strategy Coordination
UK Research and Innovation

Steven Hill
Director of Research
Research England

Alice Frost
Director of Knowledge Exchange
Research England

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Facilitated discussions

14.30 – 15.00 Facilitated Discussion A
15.00 – 15.30 Coffee Break and Networking
15.30 – 16.00 Facilitated Discussion B
16.00 – 16.30 Facilitated Discussion C

Facilitated discussion topics:
1. Evidence of importance of formula funding (QR, capital)
2. HEIF and Commercialisation
3. KEF
4. The role of Place in research and KE funding
5. REF 2021
6. The future of research assessment
7. Healthy research environment
8. Open Research
9. Barriers and opportunities for international collaboration
10. Universities and the 2.4% target

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Feedback and close

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Thank you for attending