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# Transformative Technologies in UKRI-BBSRC

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# Overview

- Transformative Technologies and UKRI-BBSRC
- Strategic activities
  - BioImagingUK
  - EuroBioImaging
  - Data-Intensive Bioscience Review
  - Technology Development Review
  - Technicians Commitment
- Funding opportunities



<https://www.ukri.org/files/about/ukri-corporate-plan-2020-21/>



# Biolmaging and BBSRC

## Theme 1

### Advancing the frontiers of bioscience discovery



Understanding  
the rules of life



Transformative  
technologies

## Theme 2

### Tackling strategic challenges



Bioscience for  
sustainable  
agriculture and food



Bioscience for  
renewable  
resources and  
clean growth



Bioscience for  
an integrated  
understanding of  
health

## Theme 3

### Building strong foundations



People  
and talent



Infrastructure



Collaboration,  
partnerships and  
KE



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# BiolmagingUK



Engineering and  
Physical Sciences  
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Royal Microscopical Society



Medical  
Research  
Council



2019-2022



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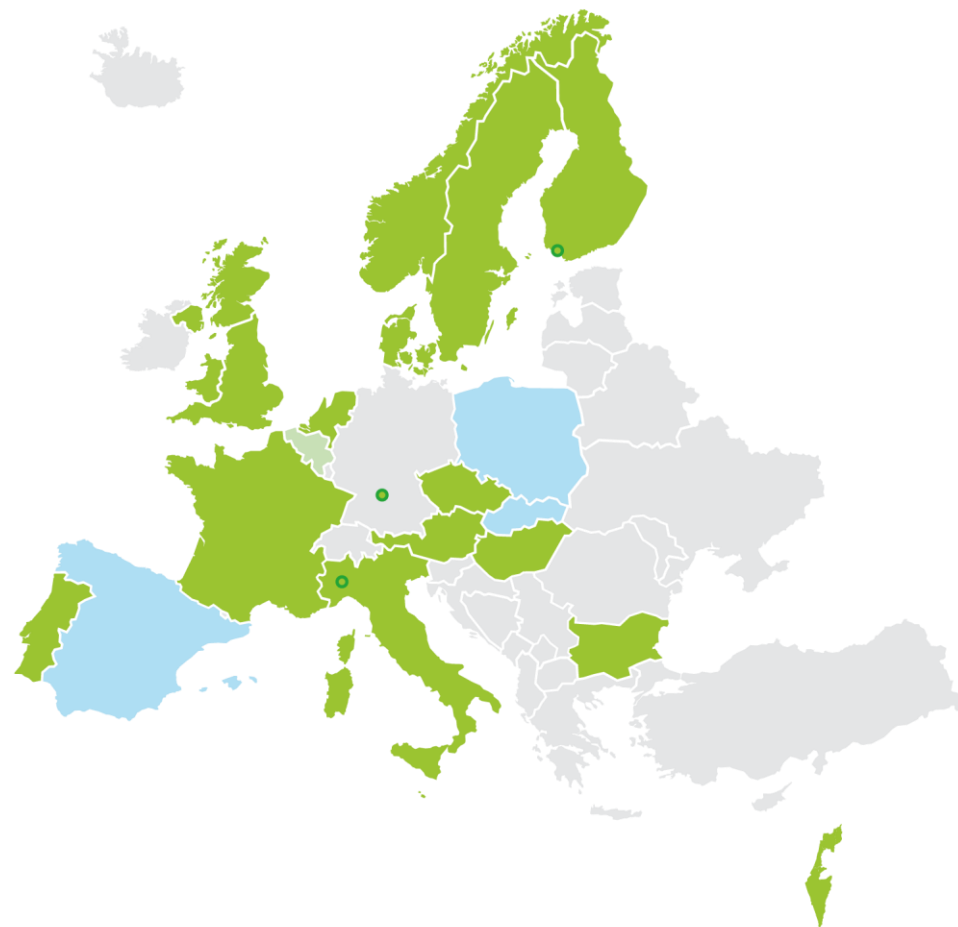
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# EuroBioimaging

Eurobioimaging was established as a European Research Infrastructure Consortium on 29 October 2019

Launching  
members: 14  
countries &  
EMBL



- FOUNDING MEMBERS
- OBSERVER
- PROSPECTIVE MEMBERS
- HUB HOSTS



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# Data-intensive bioscience Review

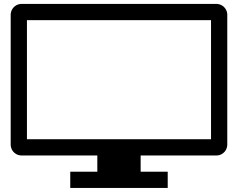
- Following the collection of community evidence the expert advisory group developed seven key recommendations
- Report was published in November 2020
- Next steps: considerations for implementation



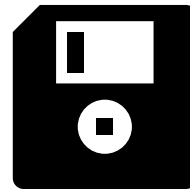
Skills



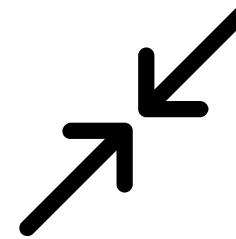
Professionalisation



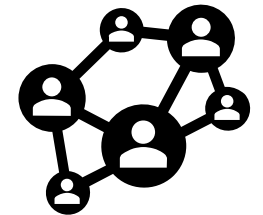
Digital Infrastructure



Software



Data Sharing



Capacity Building



Peer Review



# Review of Technology Development

UKRI-BBSRC will be launching a review of technology development activities in the new year.

Watch this space!



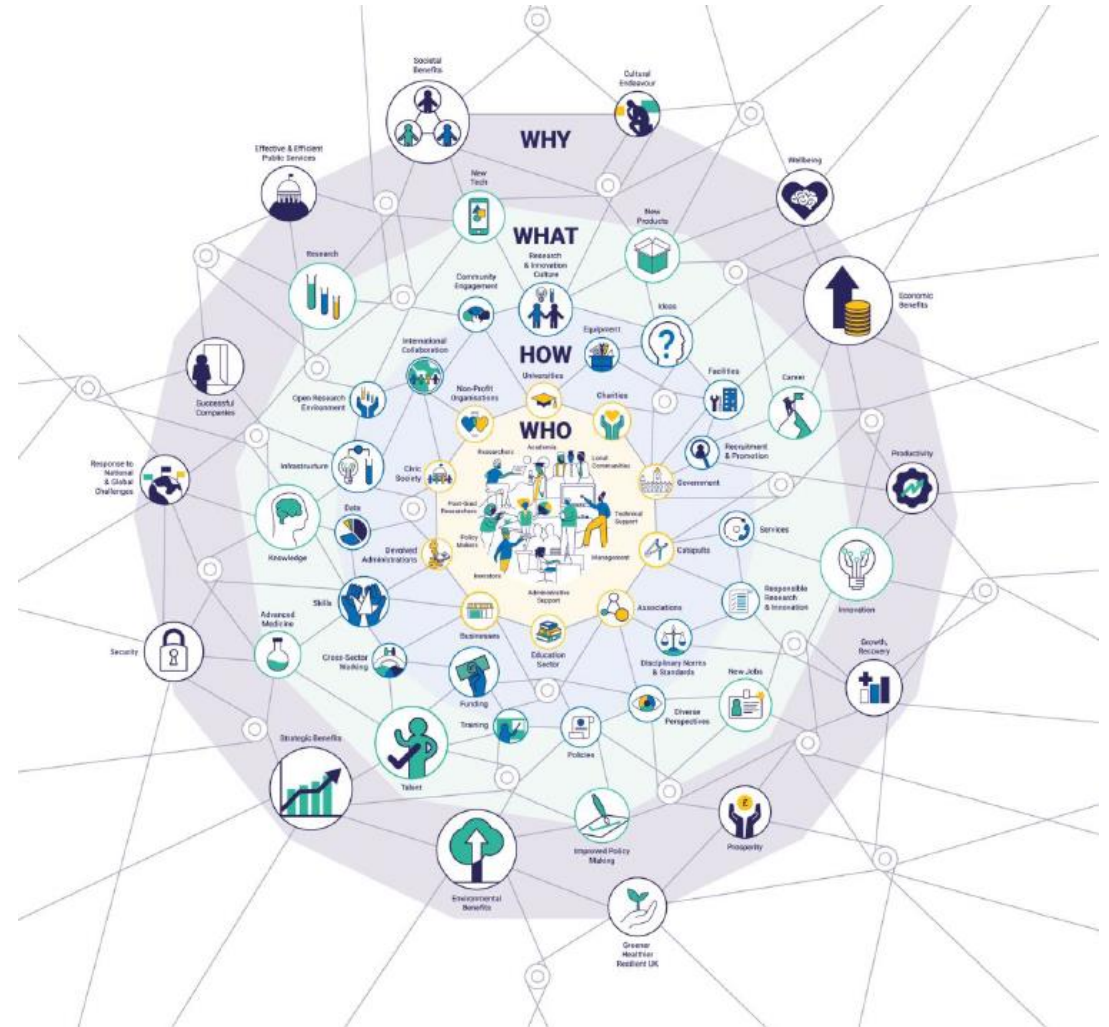
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# Technician's Commitment

Our **vision** is for an outstanding research and innovation system in the UK that gives everyone the opportunity to contribute and to benefit, enriching lives locally, nationally and internationally.

**UKRI was the first funder to sign the Technician Commitment and was announced in Feb 2020**





# How will UKRI define technicians?



- Technicians are a very broad staff category, we want to support the entire technical career pathway.
- We want to support Research Technical Professionals (RTPs) and Research Software Engineers (RSEs).
- We are considering the Technician Commitment holistically with the Researcher Development Concordat, acknowledging the blurry boundaries between different types of roles and avoiding a siloed approach to supporting people.

# Key themes

UKRI has committed to publishing its action plan by the end of January 2021.

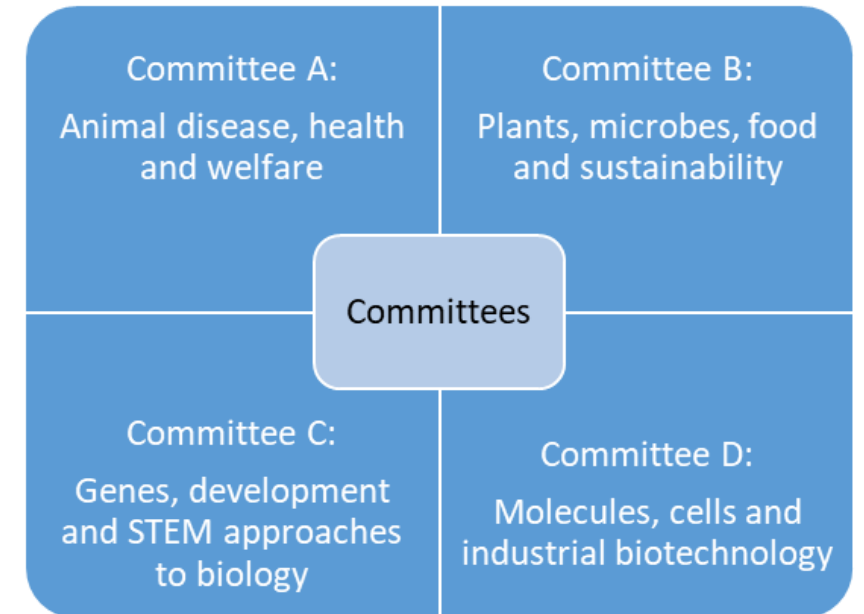
Our plan is structured around 5 themes:

- Leadership
- Technician identity and community
- Career paths
- Research Environment and Culture
- UKRI's own HR/OD work

# Current and upcoming calls

## BBSRC Responsive Mode

- Three closing dates per year
- Next deadlines:
  - 13 January 2021
  - 28 April 2021



# Current and upcoming calls

## 2020 ALERT mid-range equipment funding call

- Supports Mid-range equipment costing over £200,000 including VAT
- The capital equipment budget for this call is approximately £10 million.
- Instrumentation to be deployed on a multi-project and multi-use basis
- Closed 26<sup>th</sup> November 2020
- Panel meeting will take place in March 2021





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# Thank you



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