



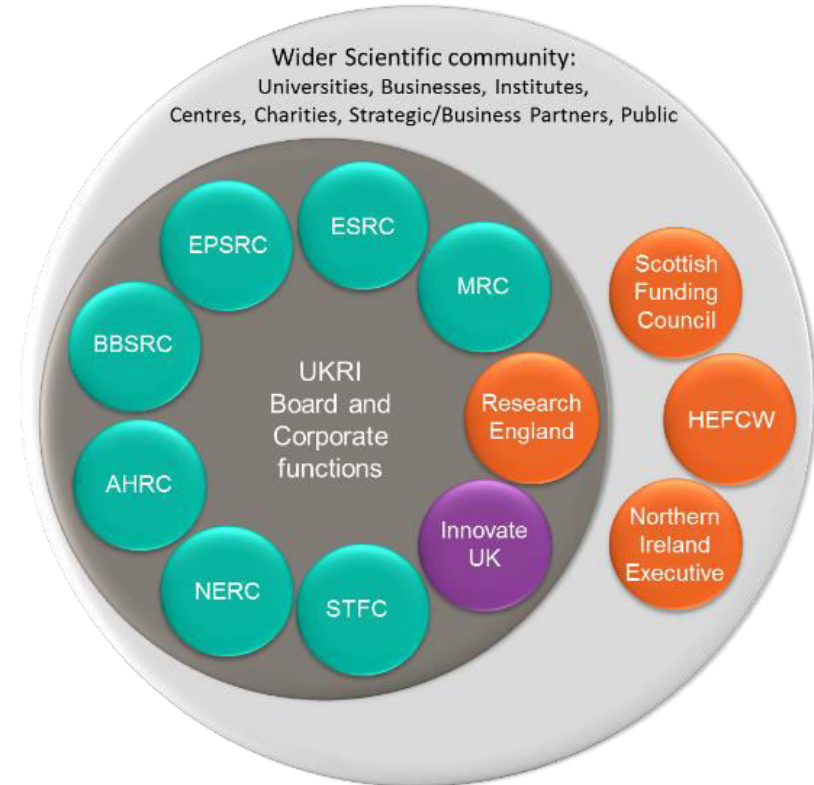
BBSRC approach to multi-national engagement

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**CAAS workshop International Mega-Programme
Beijing 25-26 June 2018**

UK Research and Innovation, launched in 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.



Theme 1

Building strong foundations



People
and talent



Infrastructure



Collaboration
and partnerships

Theme 2

Advancing the frontiers of discovery



Understanding
the rules of life



Transformative
technologies

Theme 3

Tackling strategic challenges



Bioscience for
sustainable
agriculture
and food



Bioscience for
renewable
resources and
clean growth



Bioscience
for health



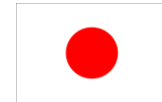
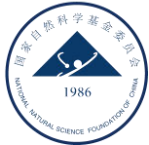
to enhance the UK bioscience research base and deliver wider benefits for the UK economy and society



United States Department of Agriculture National Institute of Food and Agriculture



USAID FROM THE AMERICAN PEOPLE





Delivering 'best with best'

Responding to UK strategic science needs and global challenges

Leveraging of resources

Sharing of infrastructure, facilities and risk

Enhancing the skills base in the UK

Opportunities for enhanced innovation and impact

Reducing barriers to effective partnership

Multinational and bilateral approaches

International partnerships even more important post-Brexit

Monitoring requests from the UK bioscience community

Providing further international funding to BBSRC investments



Bi-lateral: one-off initiatives and other funding

Multi-lateral: Wheat Initiative / IWYP; FACCE-JPI; G20

Development: Newton and Global Challenges Research Fund

European Union: joint calls/programming, infrastructure, H2020

Lead Agency: Brazil, USA, Ireland

BBSRC Schemes: Workshops, Partnering Awards, visits

HFSP: global collaborative projects and fellowships

EMBO: European fellowships

Joint Centres: where institutional links well established



www.wheatinitiative.org



Research to Deliver Wheat for the Future

www.iwyp.org

Wheat Initiative

- Supported by G20 MACS
- Aligns wheat research across 16 countries.
- Brings together 16 funding organisations, 2 research organisations and 9 industrial partners.
- **BBSRC** representing UK.

International Wheat Yield Partnership

\$100M global programme funding new research to increase wheat yield. **12** funders and **6** industrial partners across 7 countries .

- **Call 1:** 8 project funded (\$20M); 5 UK-led collaborative projects
- **NIFA-IWYP Call:** 7 projects (\$15.4M); 2 UK-USA collaborative projects
- **Call 2:** projects to be announced.

- Funding and research organization partners – provide the resources
- Private industry partners – provide strategic direction for research, deployment, commercial products
- Science and Impact Executive Board – provides overall strategy, operational direction and recommendations to Funders
- Independent Managers – SIEB Chair, Program Director and Manager, Secretariat – administration, operations, coordination, science strategy implementation
- Scientific Advisory Committee – advises IWYP management on elements of the IWYP Science Program and operations
- Scientists – essential team member stakeholders who are selected to be creative, engaged, responsible, focused on delivery with a sense of urgency, collaborative and sharing

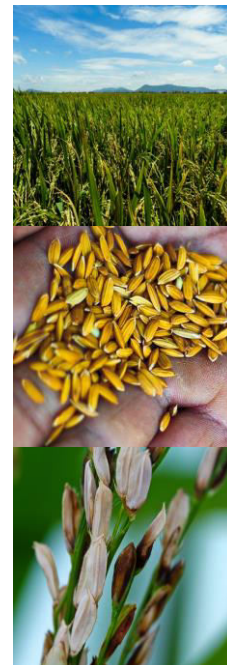
UK, USA, Australia, India, CGIAR, Canada, France, Mexico, Syngenta, Pioneer, Bayer CropScience, Limagrain, KWS, SeedCo, Mahyco, RAGT, LongReach

- Flexible mechanisms to allow Stakeholders to contribute resources
- Competitive Calls to build international teams for impact
- Alignment of existing directly relevant research (as Aligned Projects)
- A central site for product development activities (IWYP Hub) supported by technical platforms and testing systems based at CGIAR CIMMYT
- Linking with the private sector
- Connecting with other national and international programs
- Managed by an independent Executive Board and Program Team to integrate discoveries into a coordinated and focused program
- Projects are metrically driven (timelines, milestones, deliverables) and focused on delivery of tangible outputs with a high degree of urgency

UK Research and Innovation Multi-national partnering (2): Rice Research Initiative



- **Aim:** To enable researchers to work together on collaborative interdisciplinary research to underpin the long-term sustainable production of rice
- **Amount of Funding:** £6.7M BBSRC investment through the Newton Fund programme.
- **Partners:** Matched resources provided by partner agencies in China (at CAS and CAAS institutes), plus funding from the Philippines (PhilRice), Thailand (NSTDA) and Vietnam (MOST)
- **Number/Scale of Projects Funded:** 13 three-year research projects funded, including both bilateral and multilateral projects.



- Projects funded from multinational programmes are evaluated according to usual UKRI conditions through ResearchFish: an online facility for UKRI-funded researchers to log the outputs, outcomes and impacts of their work.
- Programmes are evaluated through audits and assurance that objectives are met and that benefits are realised.
- BBSRC Council and UKRI Board have the oversight and approval for programme budgets including their overall governance structures.
- Multinational programmes may require additional grant conditions, reporting and evaluation

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- Understand each partner's budget, funding and peer review cycles, including documentation requirements, awarding timeframe and reporting
 - Invest in scoping and shaping the programme with all partners
 - Prepare your own organisation to ensure flexibility but assurance to Council / governing body
 - Partnering workshops with the community are best to secure good proposals, and ensure researchers build projects together
 - Kick-off and Mid-term project workshops and end of project workshops offer realisation and case studies, plus ideas for next programmes
 - Pump-priming may be needed for communities to be able to respond to opportunities: travel budgets
 - Legal requirements such as data sharing best explored early