

Better Food for All: Innovation for improved nutrition. Overview and consortia building webinar, including aligned KTP

Date 12th January 2023

10am – 12 midday plus aligned KTP session 1pm-2pm

Simon Baty, Knowledge Transfer Manager Agrifood
Debbie Tully, Knowledge Transfer Manager Agrifood
Serena Broadway, Knowledge Transfer Adviser – East of Scotland

www.ktn-uk.org



Innovate UK
KTN

Agenda

□ Morning

10:00am - Welcome and Introduction to the event, Debbie Tully, Innovate UK KTN

10:05am - Competition overview - Kathryn Miller, Innovation Lead – Food & Nutrition, Innovate UK

10.25am - Q&A

10.45am - Consortia building, Simon Baty, Innovate UK KTN

11.55am – Close morning session

Refreshment Break

□ Afternoon

1.00pm - Welcome Back

1.05pm - KTP alignment with competition - Kathryn Miller, Innovation Lead – Food & Nutrition, Innovate UK

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1.25pm – KTP: A company's experience - Steven Muir, Agrico

1.35pm – KTP: An academic's experience – Lisa Collins, University of Leeds

1.40pm: Q&A Session

2:00pm - Close

Housekeeping

- Please stay on mute throughout the talks
- Please put any questions in the chat (start with Q-) and use it to network
- The overviews will be recorded but not the collaboration session



About Us

Innovate UK KTN exists to connect innovators with new partners and new opportunities beyond their existing thinking – accelerating ambitious ideas into real-world solutions.





Our Purpose & Vision

We create diverse connections to drive positive change.

To establish a network of innovators so powerful its ideas will change the world.

Our Values



Open

We value diversity of opinions, ideas, skills and perspectives.



Creative

We embrace ideas with curious minds and use our insight to uncover opportunity.



Collaborative

We are one team, working together across sectors, people and geographies to drive positive change.



Determined

We are determined to meet challenges with solutions and enable innovators to think and act beyond expectations.

Our Network



46,229
Unique
Organisations



72%
Small

15%
Medium

13%
Large



234,478
innovators



Every university in
the UK

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Better Food for All

Kathryn Miller

Innovation Lead – Food and Nutrition



Benefiting everyone through knowledge, talent and ideas

UK Research and Innovation brings together the 7 Research Councils, Innovate UK and Research England.

As part of UK Research and Innovation, Innovate UK drives productivity and economic growth by supporting businesses to develop and realise the potential of new ideas including those from the UK's world-class research base.



**UK Research
and Innovation**

Innovate UK

- We are the UK's innovation agency
- We support business-led innovation in all sectors, technologies and UK regions
- A key delivery body of the Government's Innovation Strategy

Our Mission

To help UK businesses grow through the development and commercialisation of new products, processes, and services, supported by an outstanding innovation ecosystem that is agile, inclusive, and easy to navigate.



Background

- Increasing burden of diet-related disease and increased healthcare costs associated with rising numbers of people affected
- Diet related chronic disease accounts for 9% of all NHS spend, and more than 25% of all cancers are attributable to dietary factors
- UK obesity rates (in children and adults) are amongst the world's highest
- The UK-wide NHS costs attributable to overweight and obesity are projected to reach £9.7 billion by 2050, with wider costs to society estimated to reach £49.9 billion per year

Programme

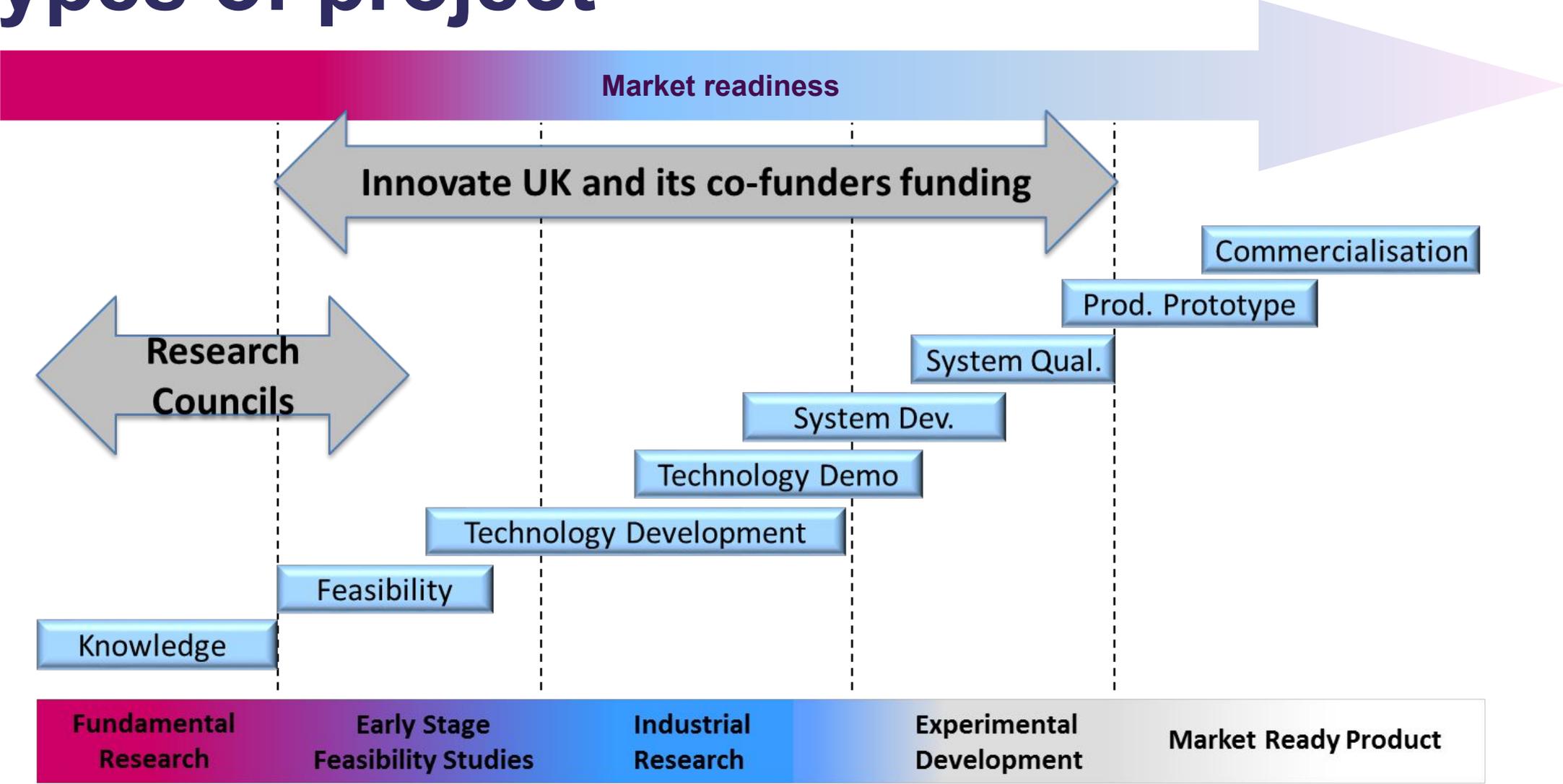
- £20m funding will support the sector to innovate in the areas of nutrition and food processing
 - Early stage feasibility
 - Industrial research & experimental development
 - Aligned KTP programme
- To create affordable, convenient foods with improved nutritional quality and micronutrient value
- To start to tackle the current challenges of food poverty and diet inequality and diet-related disease in the longer term (e.g., diabetes, cardiovascular disease, obesity)



Scope

- **enhancing food quality:** innovative technologies and processes to improve the nutritional quality of foods and ingredients
- **functional foods:** foods with specific health benefits
- **stratified nutrition:** products aimed at particular demographics or groups
- **fortified and biofortified foods:** including processed foods, convenience foods and raw materials produced at farm level
- **plant-based and alternative proteins:** alternative protein sources for healthier and more sustainable diets, and processes that are accepted by consumers to incorporate these alternative protein sources into food products
- **preservation, packaging and storage technologies:** to increase shelf life including healthy convenient foods and nutritious perishable foods

Types of project



Eligibility – three strands

Research Category

Project costs

Duration

Lead

RO participation

Collaboration

Early

- Feasibility
- £100 – £500k
- 9 – 24 months
- Business/Academic
- Up to 50%
- Yes

Mid

- Industrial research
- £250k – £1m
- 12 – 30 months
- Business/Academic
- Up to 30%
- Yes

Late

- Experimental development
- £150k – £800k
- 6 – 18 months
- Business only
- No
- Yes

Project Details

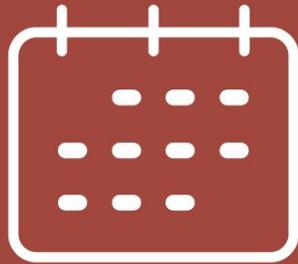
- **Application Team**
 - Decide which organisations will work with you on your project and invite people from those organisations to help complete the application
- **Application Details**
 - Give your project's title, start date and duration.
- **Research Category**
 - Select the type of research you will undertake.
- **Project Summary**
 - Short summary and objectives of the project including what is innovative about it
- **Public Description**
 - Description of your project which will be published if you are successful
- **Scope**
 - How does your project align with the scope of this competition?
 - If your project is not in scope, it will be ineligible for funding

Application Questions

Detailed Guidance
Available on IFS

Application form	
Question 1	Applicant location (not scored)
Question 2	Need or challenge
Question 3	Approach and innovation
Question 4	Team and resources
Question 5	Market awareness
Question 6	Outcomes and route to market
Question 7	Wider impacts
Question 8	Project management
Question 9	Risks
Question 10	Added value
Question 11	Costs and value for money

Key dates



DATES FOR YOUR DIARY

- **Competition open:** 11 January 2023
- **Online collaboration event:** 12 January 2023
- **Online briefing event:** 19 January 2023
- **Competition close:** 29 March 2023
- **Applicants notified:** 12 May 2023
- **Projects to start:** 1 September 2023

Novel Low Emission Food Production Systems

- Feasibility and Industrial Research strands
- Projects must support the development of novel production systems that create new sources of resource efficient, low-emission foods, particularly proteins, while delivering healthy and sustainable diets
- Project outputs will progress emerging novel food production systems closer towards commercial viability and being able to supply mainstream consumer markets

Competition deadline
19 April 2023

Projects to start by
1 Sep 2023



THEMES

- plant based products or production systems
- acellular food production, for example, algal, bacterial or fungal fermentation systems
- cellular food production, for example, cell culture systems for meat production
- novel aquaculture systems, for example, fin-fish and shell-fish
- new food production systems, for example, insect farming, seaweed cultivation and other alternatives to traditional animal production systems
- Total Controlled Environment Agriculture (TCEA) systems
- [Further information](#)

Further information – Get in touch

Customer Support Services:

0300 321 4357 – Open Mon-Fri, 9am-5pm (excluding bank holidays)

support@iuk.ukri.org

Knowledge Transfer Network: www.ktn-uk.co.uk

Innovate UK competitions:

<https://apply-for-innovation-funding.service.gov.uk/competition/search>

Q&A Session

 @InnovateUK

 Innovate UK

 Innovate UK

 @weareinnovateuk

Calendly 1:1 Clinic

15 minute clinics with
Simon Baty or Debbie Tully

13th and 17th January
(mornings)

The screenshot shows a Calendly booking interface. On the left, the event details are displayed: the UKRI and Innovate UK KTN logos, the event title 'Better Food for All 1-2-1 clinic', a 15-minute duration, and a description: 'Event Name: Better Food for All 1-2-1 clinic. Book a 1:1 meeting with a member of the Innovate UK KTN AgriFood team to discuss your queries related to the Better Food for All competitions.' The location is noted as 'This is a Zoom web conference.' At the bottom left of the event details is a 'Cookie settings' link. On the right, the 'Select a Date & Time' section features a calendar for January 2023. The days of the week are listed as MON, TUE, WED, THU, FRI, SAT, SUN. The dates 13 and 17 are highlighted in blue circles, indicating available booking slots. Below the calendar, the 'Time zone' is set to 'UK, Ireland, Lisbon Time (1:30pm)'. At the bottom right of the calendar area is a 'Troubleshoot' button with a wrench icon. A 'powered by Calendly' badge is visible in the top right corner of the calendar section.

<https://calendly.com/d/hks-kd8-9nn/better-food-for-all-1-2-1-clinic>

Collaboration database



Better Foods for All Innovation for improved nutrition

Collaboration Database

January 2023

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[Tech/Equipment Provider](#)



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It should not be used for any other use without express permission.

We request that you do not blanket contact those included and respectfully approach potential collaborators.

Disclaimer

The information included in this Database has been supplied by each organisation/individual. We have collated this information, but it has not been checked or updated by Innovate UK KTN.

If some fields are empty, this is because the organisation didn't complete them when they registered to be included in this Database.

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Consortia Building Session

Date 12th January 2023

Simon Baty, Knowledge Transfer Manager Agrifood

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Innovate UK
KTN

Breakout Rooms

2 sessions in themed facilitated rooms (allowing you to stay focused on 1 area or cover more than 1 area of interest)

- **Innovative processing techniques and preservation technologies**
- **Reformulation**
- **Plant based and alternative proteins**
- **Functional and fortified foods**

Do please introduce yourself and the organization you are from

Followed by speed networking

Breakout Rooms

Click on “breakout rooms” on your zoom bar at bottom of screen and scroll down to choose from the following breakout room themes

- **Innovative processing techniques and preservation technologies**
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Thank you

Simon.Baty@iuk.ktn-uk.org

Debbie.Tully@iuk.ktn-uk.org



InnovateUK
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**Morning session
now finished.**

**The afternoon KTP
session starts at
1pm**

Please either stay in the room or re-join us via the
same link

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AgriFood funding

Kathryn Miller

Innovation Lead – Food and Nutrition



Better Food for All

- Early stage feasibility, mid stage industrial research and late stage experimental development strands
- UK registered organisations can apply for a share of up to £20 million over the three strands of the competition. Projects will support the development of innovative solutions to address significant nutrition challenges
- [Further information](#)

SCOPE

- enhancing food quality
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- stratified nutrition
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