Tristan Eagling
30th July 2015

Innovate UK and KTN opportunities
Innovate UK and the KTN

Innovate UK – new name for the Technology Strategy Board. Developing innovation & funding at the strategic level.

KTN – “people on the ground” helping companies to network & access funding; funded by Innovate UK.
Focus is on bringing together groups of those that would not normally meet

Sustainability & Resource Efficiency, H2020, Access to Funding & Finance, Design

...
Biosensors in Agriculture
16th June 2015

Raise awareness for possible applications into the Agri-Tech Catalyst (Round 5)
Redesigning glasshouses

TBC

Raise awareness for possible applications into the Agri-Tech Catalyst (Round 5)
How we can help?

2014 Competition “Crop and Livestock disease challenges”
KTN assisted 19 of the 27 successful consortia to obtain funding
The total value of assisted projects was more than £15.3M

Helping develop scope of the project
Helping people find partners, researchers, end users etc
Helping put application form together

Agri-tech catalyst. KTN success rate is ~1:3. compared with the overall success rate of ~1-8
INNOVATE UK FUNDING
We are the UK Government's Innovation Agency

Our goal is to accelerate economic growth by stimulating and supporting business-led innovation, from concept to commercialisation.
Agri-Tech Catalyst
Helping to commercialise UK agricultural innovation
The Agri-Tech Catalyst will fund proposals relating to:

- Primary crop and livestock production, including aquaculture
- Non-food uses of crops (for example, for biomass)
- Food security and nutrition challenges in international development
- Challenges in downstream food processing, provided the solution lies in primary production.

Only examples, scope is very broad and covers almost any agricultural project.
Main features of Agri-tech catalyst funding

- Very broad scope covering all stages of research and all aspect of agricultural research
- Can have up to 50% of the cost incurred by academic partnerships, and early stages can be academic led. Academic cost are funded 100% (80% FEC)
- Can include projects aimed at developing countries and can have international partners.
- Always open, applications will be assessed 2 times a year. (next call January)
**Agri-Tech Catalyst – award types**

**EARLY-STAGE AWARDS**
These projects will explore the commercial potential of an early-stage scientific idea through feasibility studies.

**Key features**
Projects can be business-led or research-led

**Duration**: up to 18 months

**Total project costs**: £150k to £500k

**Total research base partner costs** must not exceed 50% of total project costs

**Business partner funding**: up to 55% of their total project costs for SMEs or 45% for larger companies

For further information about each award category and Guidance for Applicants visit [www.innovateuk.org/agri-tech-catalyst](http://www.innovateuk.org/agri-tech-catalyst)

**INDUSTRIAL RESEARCH AWARDS**
These projects will aim to develop innovative solutions, eg through technology development, lab-based prototyping, product development planning, field trials and market testing.

**Key features**
Projects must be business-led

**Duration**: up to three years

**Total project costs**: up to £3m

**Total research base partner costs** must not exceed 50% of total project costs

**Business partner funding**: up to 45% of their total project costs for SMEs or 35% for larger companies

**LATE-STAGE AWARDS**
These projects evaluate or trial the commercial potential of an innovative concept. This can be through pre-experimental feasibility studies or experimental development.

**Key features – pre-experimental feasibility studies**
Business-led collaborative projects involving other business partners, enabling the evaluation of the commercial potential of an innovative concept

**Duration**: up to 12 months

**Total project costs**: £150k to £500k

Research base partners may participate as subcontractors to a business partner

**Business partner funding**: up to 40% of their total project costs for SMEs or 30% for larger companies

**Key features – experimental development**
Business-led collaborative projects involving other business partners in a real-life environment ahead of large-scale deployment

**Duration**: up to 12 months

**Total project costs**: up to £1m

Research base partners may participate as subcontractors to a business partner

**Business partner funding**: up to 30% of their total project costs for SMEs or 20% for larger companies
Innovate UK grant for example project (Early Stage Award), Agri-tech catalyst

- Large company: £125
- SME: £62,500
- University: £125k
- Research institute: 125k

Total: £500k

- Large company: 45% (£56,250)
- SME: 55% (£34,375)
- University: 55% (£34,375)
- Research institute: 45% (£250,000)
- SME: 5% (£125,000)
Working title for forthcoming competition – all details to be confirmed

Expected total funds of £3m

To support industry led feasibility studies on use of satellite and space technology within Agri-Food

Competition expected to open Nov 2015, and KTN consortia building event October 2015.

Enhancing Food Composition Quality – CR&D

*Reducing salt, sugar and fat and increasing fibre*

- Up to £10m available for industry led projects that reduce salt/sugar/fat and/or increase dietary fibre across the food production chain.
- Project size £250k to £1m, up to 3 years’ duration
- Key dates –
  - Collaboration building events, September 2015
  - Stage 1 opens 5th October 2015
  - Stage 1 closes 25th November 2015
  - Stage 2 opens 4th January 2016
  - Stage 2 closes 4th February 2016
Tech feasibility
Bioscience/ ICT/ Advanced materials / Electronics

• Up to £2m available
• Pre-industrial research: kick-start the delivery of genuinely new products/services
• Micro & small enterprises only (singly or in collaboration with 1 other)
• Deadlines:
  • Registration: 2\textsuperscript{nd} September 2015
  • Application: 9\textsuperscript{th} September 2015

4 months
£33k in total
75% grant
Micro/Small company
Single company/ 1 collaborator

KTN
the Knowledge Transfer Network
SMART Awards

Aimed at small and early-stage companies with innovative ideas and high growth ambition and potential.

3 types of award
1. Proof of market (funded 60% up to 25K)
2. Proof of concept (funded 60% up to 100K)
3. Developing prototype (funded 45% up to 250K)

Always open, call happen 4 times a year
Innovation Vouchers

• £5k grants for SMEs to work with new collaborators
• Get expert help to develop ideas and improve performance
• Issued every three months around specific priority themes
• Approx. 100 allocated per quarter by lottery (not competitive)
• You can only have one!

Deadline: See website

https://vouchers.innovateuk.org/
— Joint four year PhD with a commercial company and a research institution
— Available to none DTP universities
— Project must be relevant to the needs of the industrial partner
  ▪ joint supervision
  ▪ financial contribution
  ▪ relevant industrial placement(s)
— KTN allocate ~10 awards/year
— New call now open! Application deadline 21st August 2015
Thanks for listening
Any questions?
Sustainable Agriculture Research and Innovation Club (SARIC)
A partnership between BBSRC, NERC, ESRC and 12 industry members to provide solutions to key challenges affecting the efficiency, productivity and sustainability of UK crop and livestock sectors

New **£5m** funding call focuses on: **Predictive capabilities for sustainable agriculture**

Scope includes:
1) Sensing and data for decision support
2) Modelling resource requirement and predicting availability
3) Predicting resilience to extreme events.

Two funding streams:
- Research translation (£1.5M)
- Research proposals (£3.5M)

Research Translation & Research Call (outline) deadline: 16 Sept 2015

For further details visit: [www.bbsrc.ac.uk/saric](http://www.bbsrc.ac.uk/saric)