

Potential funding

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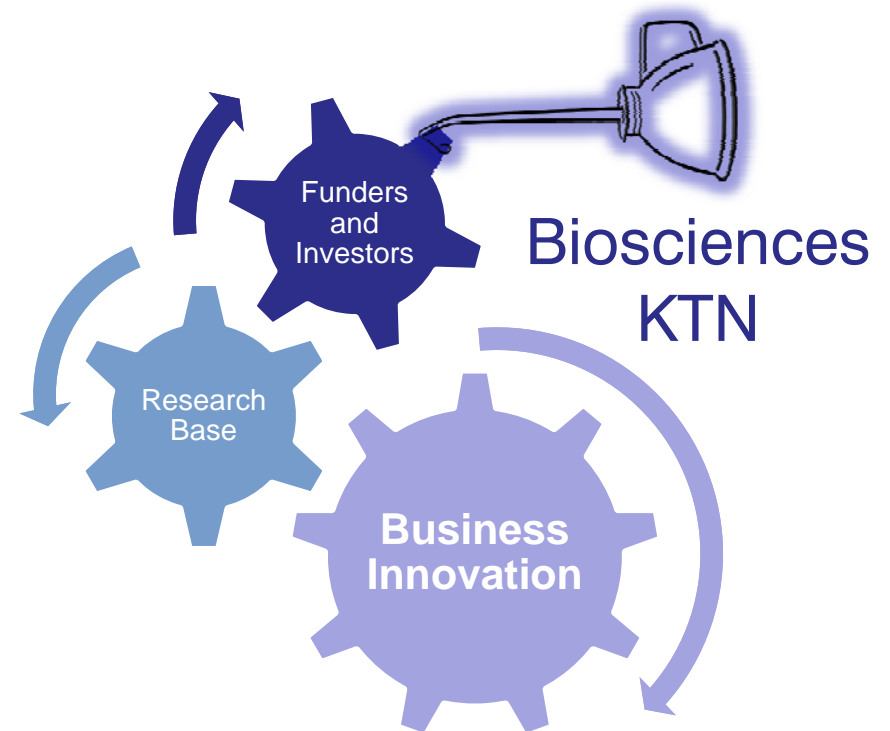
The primary goal of the Biosciences KTN

*To help UK industry to profit and grow from
innovative new technology-enabled products
and processes*

KTN Objectives

To **Connect and Catalyse** by:

- Driving **knowledge transfer** between the science base and industry
- Promoting **networking** and stimulating **innovation** key to our industry sectors
- Providing a **coherent voice for industry** to inform government policy



Adding Value!

Is this true?

There is very little money available to help fund Research and Development of relevance to the sheep sector

Recent/Current opportunities

Sustainable Agriculture and Food-IP

£90M – 5 year programme

Engineering Solutions call – **£13M** – **closing 6th Nov.**



Technology -Inspired Innovation

- Main call ~**£8M** per year - **closed 2nd October**

- Feasibility call ~**£2M** per year – **expected early 2014**



TSB Innovation vouchers – (£5k grants)

4 round per year – **closed 23rd Oct.**





ARC • ANIMAL HEALTH RESEARCH CLUB



- Shared cost model for pre-competitive research that underpins real industry needs
- Launched 2012 – involves 12 companies (inc. EBLEX)
- Total budget for research £9.5M
- One call complete, second (and likely last call) will close 11th Dec

Other funding opportunities – BKTN 2013

- SPARK Awards – 12 awards made (*4 Animal Sector*)
- Vacation scholarships – 4 awarded
- PhD top-up awards – 5 awarded

- SPARK Plus (£25k) – 2 awarded
- Industry Club (£10k) – 2 available - *no applications*

Possibly still to come

- BBSRC CASE (industry sponsored) PhD studentships

UK Agri-tech strategy

Launched 2013

£160M to help implementation

- *£70M catalyst fund*
- *£90M for Centres for Agricultural Innovation*



Technology Strategy Board
Driving Innovation

Agri-Tech Catalyst

Helping to commercialise
UK agricultural innovation

NOW OPEN FOR APPLICATIONS



Call 1

Opens: *10 October 2013*

Registration deadline: *4 December 2013*

Deadline for applications: *11 December 2013*

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 academic-led

Duration: up to 18 months

Total project costs: £150k to £500k

Total academic partner costs must not exceed 50% of total project costs

Business partner funding: up to 75% of their total project costs for SMEs or 65% for larger companies

INDUSTRIAL RESEARCH AWARDS

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

Key features

Projects must be business-led

Duration: three to five years

Total project costs: up to £3m

Total academic partner costs must not exceed 50% of total project costs

Business partner funding: up to 60% of their total project costs for SMEs or 50% for larger companies

LATE-STAGE AWARDS

These projects evaluate the commercial potential of a scientific application. This can be through pre-experimental feasibility studies or through experimental development including field-based prototyping and experimental production and testing.

Key features – pre-experimental feasibility studies

Business-led collaborative projects involving other business partners, enabling the evaluation of the commercial potential of a scientific application

Duration: up to 12 months

Total project costs: £150k to £500k

Academic researchers may participate as subcontractors to a business partner

Business partner funding: up to 50% of their total project costs for SMEs or 40% for larger companies

Key features – experimental development

Business-led collaborative projects that enable qualification of the commercial potential of a scientific application

Duration: up to 12 months

Total project costs: up to £1m

Academics may participate as subcontractors to a business partner

Business partner funding: up to 35% of their total project costs for SMEs or 25% for larger companies

So....

- There is a lot of opportunities to get funding
- But the focus now is more on:
 - *Business led projects*
 - *Business/industry co-investment*
- Economic benefits to the business **MUST** be clear in applications, along with a **clear plan of how that benefit will be realised**
- It competitive – but definitely possible to be successful

Some examples

- Development of tools allowing exploitation of genomic selection tech. in the UK sheep pop. *Innovis Ltd., Uni. Aber., The Roslin Inst. Dalehead foods, Waitrose (Technology Inspired, 2011)*
- *Gene pool fishing by out-crossing and back-crossing cycles..... H.R Fell and Sons Ltd, SRUC (SAF-IP, 2011)*
- *Efficient goat breeding for sustainable milk production. St Helen's Farm Goats, SRUC, Illumina UK Ltd. (SAF-IP, 2011)*
- Influence of selective breeding on MHC diversity (in sheep) – *Uni. Glasgow (ARC round 1, 2012)*
- *Rob Hodgkins – TSB Innovation Voucher*

If you're a business/group

Rather than wait for someone to tell you what you need.....

Its better to identify the problem or opportunity yourself and find partners and funding to help address it

Thank you for your attention

Managing inherited diseases – the manual: *Now available*

