What is the Monogastric Centre of Excellence?
And how can it help your business and your next big idea?
Monogastric Centre of Excellence in a nutshell

The Monogastric Centre of Excellence is a game changing network of world class bioscience research institutions, scientists and facilities dedicated to the discovery of new knowledge relating to pig and poultry production and supply chain development.

The hub links into a second nationwide network of unparalleled facilities to develop, demonstrate and significantly accelerate industry uptake of new innovations directly into global pig and poultry industries.
Hub and Spoke showing academic and farm networks

Networks of farms to accelerate innovation uptake

Food safety

Genomics & genetics

Vet & human health

Informatics C E

Nutrition and human health

Precision farming C E

HUB animals facilities people

Networks of Applied trial facilities to accelerate innovation uptake
Why do we need a Monogastric Centre of Excellence?

To develop a World Class innovation platform that attracts global talent and provides the facilities to address the fundamental challenges and opportunities facing the pig and poultry sectors. This includes resource utilisation, food safety and zoonoses, emergent sciences of functional foods, nutri-genomics and microbiota and gut health; reducing antimicrobial usage and discovering alternatives to antimicrobials.

To accelerate the development, adaption and exploitation of innovations within commercial supply chains.
What will the Centre do?

- The Centre will be a magnet for global leading knowledge, research funding, academics, students and industry
- **Infrastructure** - a network of state-of-the-art facilities
- **Community** - of world class animal and associated bioscience researchers

- **Know-how** – a unique partnership linking commercial businesses with science
- **Accelerate** - innovation and commercialisation in pig and poultry supply chains
- **Develop the next generation** – THE place for industry and academic succession
- **Big Data** – provide the expertise to link industry data for supply chain benefits

**Backed by robust finance**
£20m capital investment from government to develop state-of-the-art research facilities within the existing research community. Ongoing pre-competitive funding from industry, private sector contract R&D and competitively won R&D projects jointly funded by public/private sector (e.g. TSB, BIS, Horizon 20:20).
How can your business work with it?

The Centre is seeking to attract a £20m investment in research commitments from industry (Cash and In Kind) over 5 years to match Government capital funding (in the order of £20m) to demonstrably transform UK facilities.

The target is for the Centre to be self-sustaining within 5 years.
What benefits do you get?

Benefits for your business

- Be a partner in THE global innovation hub for the pig and poultry sectors
- Unparalleled access to world class research and knowledge through a number of academic and other sites within the UK
- Interface with the Informatics Centre of Excellence – The ‘Big Data’ resource in the food and farming industry
- Be a part of the ‘Go to’ Centre that attracts the talent and funding to enable it to become the dominant research network in global pig and poultry development
- Develop Strategic Academic Partnerships with others (academics, farms, equipment and techniques) as required
Benefits for industry

- The establishment of a single industry-led innovative research community that generates wealth through the growth in sales of UK produced pig and poultry products, through exploiting the developed IP and through companies growing their international opportunities from the knowledge gained.

- Develop a strategic network of farms, vet groups, companies, colleges and other demonstration facilities to significantly accelerate innovation uptake through knowledge exchange, demonstration and dissemination.

- Attract inward business investment and develop a critical mass of researchers, new academic Chairs and Fellowships to discover the answers for tomorrows’ key challenges for the pig and poultry industry.
How do I get involved?

To deliver this vision we are currently wishing to secure the interest of UK and overseas companies who will commit to shaping and investing in ongoing research activities of the Centre.

The Centre will be attractive to the whole Monogastric Supply Chain: pharmaceutical, producers, retailers, processors, nutrition, animal breeders, Precision Livestock Farming and data companies where there will be pre-competitive applied and fundamental research that will benefit all. The Centre will also deliver excellent private contract research.

No financial commitment is required, simply a commitment to the concept!

Please contact Andrew Knowles or Sam Hoste (details below) for further information and to discuss involvement.
Next steps and important dates...

Contact Andrew Knowles or Sam Hoste for further information.

The Expression of Interest proposal needs to be submitted by the 15th October.

A ‘briefing has occurred in London on the 4th September.

The Application is a two stage process that opened on the 18th August 2014. Stage 1 is an outline Expression of Interest and Stage 2 is by invitation following a review by a panel of experts.

Applications must register by 8th October.

Proposal deadline is noon 15 October.

Indicative date for submission of the Full Proposal is spring 2015.

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