

IAgrE

Landwards Conference

16th Nov 2016

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Innovate UK

The UK's innovation agency

We know that true innovation disrupts. It will create new products, services and industries that we don't even know about yet.

It's our vision to help the UK economy grow head and shoulders above other nations by inspiring and supporting pioneering UK businesses to create the industries of the future.

We already have a strong track record of driving growth, by working with companies to de-risk, enable and support innovation.

Innovation doesn't just happen

- Strategic innovation doesn't just happen. It happens as a consequence of coordinated collaboration between business, government and research
- This is where Innovate UK comes in
- Innovate UK connects the players
- Innovate UK provides funding to innovators

Firms that persistently **innovate** have **13% higher** productivity than non innovators and **9% higher** productivity than occasional innovators



Firms that persistently
invest in **R&D**
grow twice
as fast as
non innovators
and have
higher exports





return to the economy

7,600



organisations
supported



of GVA for every
£1 invested



> 7 jobs created for every business invested in

Recent Internal Restructuring

We are:

- aligning our programmes into new **simpler sector groups**
- changing our sector **funding competitions** to be simpler and broader in scope
- enhancing our **innovation networks** - nationally and regionally
- piloting competitions for **new innovation finance products**
- Introducing a new online **competition applications system** – the Innovation Funding Service

5-point plan

1

Working with the research community and across Government to turn scientific excellence into economic impact

2

Accelerating UK economic growth, nurturing small, high-growth companies with strong productivity and export success

3

Building on innovation excellence throughout the UK, investing locally in areas of strength

4

Developing Catapults within a national innovation network

5

Evolving our funding models; helping public funding go further

Sector focus to accelerate growth

Emerging and Enabling Technologies

Identifying and investing in technologies and capabilities that will lead to the new products, processes and services of tomorrow



Health and Life Sciences

Focused on agriculture and food and healthcare, underpinned by bioscience and medical research and enabled by engineering and physical sciences



Infrastructure Systems

Optimising transport and energy systems and integrating them with other systems such as health and digital



Manufacturing and Materials

Advancing manufacturing readiness so R&D and technology developments increase productivity and capture value in the UK



New simplified Innovate UK competitions

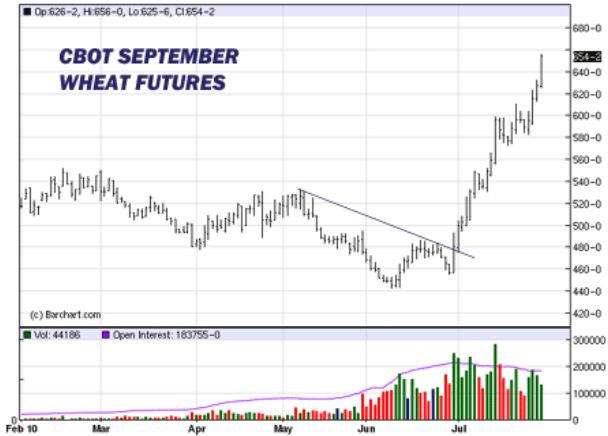
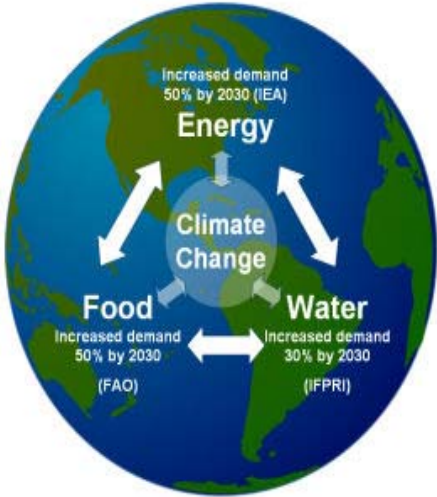
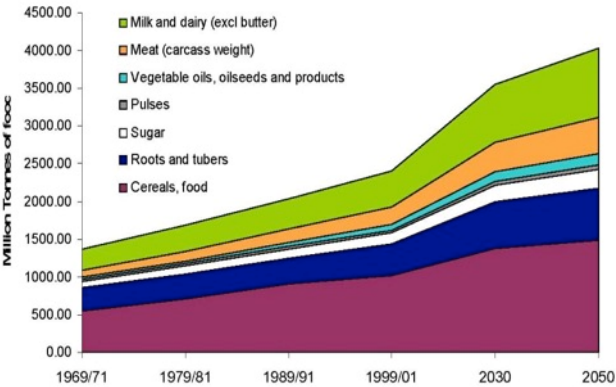
	Expected open date
Manufacturing and Materials	9 May 2016
Open	6 Jun 2016
Infrastructure Systems	4 Jul 2016
Health and Life Sciences	12 Sep 2016
Emerging and Enabling Technologies	3 Oct 2016

We will also run competitions in partnership with other organisations.
For all competitions see the Delivery Plan or www.innovateuk.gov.uk

Why AgriFood



World food requirements



OBESITY IS NOW A GLOBAL EPIDEMIC!



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Opportunities

AGRI PRODUCTIVITY

Novel genetics / breeding
Combating agro-chemical and anti-microbial resistance
Enhanced resilience to biotic and abiotic stress
Individualised livestock/aquaculture nutrition & healthcare

**Advanced & Precision
Engineering**

ENHANCING FOOD QUALITY

Reducing Sugar, Salt & Fat
Enhanced nutritional value
New/smarter ingredients
Protein development
Authenticity and Traceability
Food Safety
Smarter Packaging
Modern methods of food manufacturing

Joining up value chains across borders & boundaries
Building on UK strengths & cross sector working
Nurturing disruptive technologies

Health and Life Sciences competition

- **Opened 12th September**
- **MUST REGISTER BY NOON 9th NOVEMBER**
- **MUST APPLY BEFORE NOON 16TH NOVEMBER**

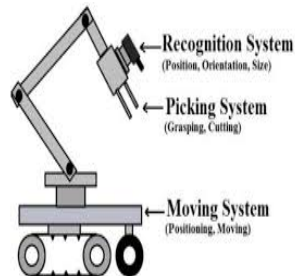
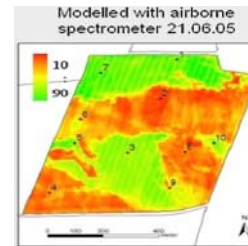
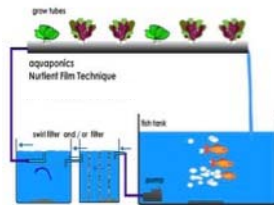
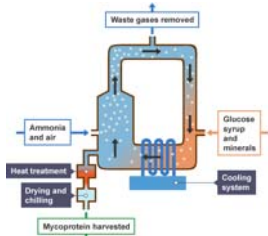
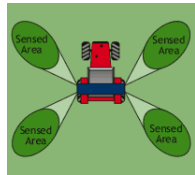
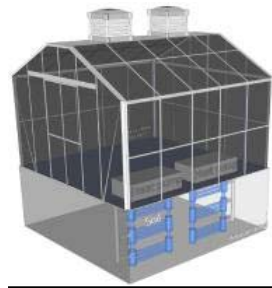
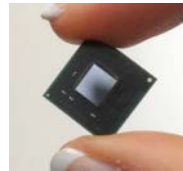
- £15M for projects that support SMEs develop innovative products
- Business led – at least one SME per consortium
 - Single SME can apply
 - UK based companies

- Scope – increase the yield, quality and sustainability in agriculture and food production
- Themes
 - Increasing agricultural productivity
 - Enhancing Food Quality

- Technical Feasibility studies/Industrial research & experimental development projects

- **<https://www.gov.uk/government/news/innovations-in-health-and-food-apply-for-business-funding>**

Why Engineering



A competitive food industry

SFS-34-2017: Innovative agri-food chains: unlocking the potential for competitiveness and sustainability

- Enable agri-food chains to design new processes
- Strengthen farmers' position
- Limit the negative impacts
- €6m Research and Innovation Action (100% Funding)

SFS-35-2017: Innovative solutions for sustainable food packaging

- Wider and faster deployment of innovative, user-driven, packaging,
- Reduced waste in both food and packaging materials
- Strengthen the EU's position in manufacturing,
- Strengthen the EU food value chain through quality, trust and increased consumption.
- Support for the transition from a linear to a circular economy.
- €6m Innovation Action (70% funding industry 100% Non-Profit)

We can't stop thinking about the future...

Innovate UK works with people, companies and partner organisations to find and drive the science and technology innovations that will grow the UK economy - delivering productivity, new jobs and exports

...keeping the UK globally competitive in the race for future prosperity.

Key Assessment Criteria...

- The Idea (Innovative achievable exploitable)
- The Market (Where, How Big, Exploitation Plan)
- The Consortium (Capability, Experience)
- Additionality (How will TSB make a difference)
- The Impact (How Big, Where and When)



Thank You

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