



KTN

the
Knowledge Transfer
Network



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the Knowledge Transfer Network

We work with
Innovate UK

ktn-uk.org

@KTNUK

Natural Product Chemistry Launch
Event

Cardiff 27th April 2016

Dr Bryan Hanley FRSC

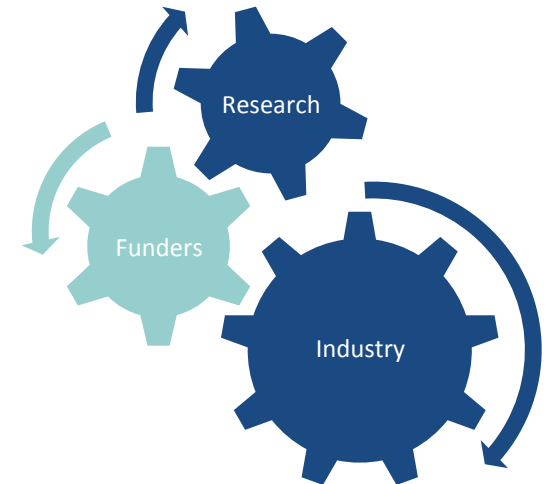
KTN

- The UK's Innovation Network

What we do

The KTN is the UK's innovation network. It brings together businesses, entrepreneurs, academics and funders to develop new products, processes and services

We help business to grow the economy and improve people's lives by capturing maximum value from innovative ideas, scientific research and creativity



Innovate UK and the KTN



HM Government

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 & apply for funding; funded by Innovate UK



Department
for Business
Innovation & Skills

Innovate UK
Technology Strategy Board



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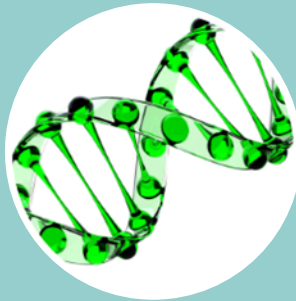
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KTN

- Communities, Projects & Business Programmes



Materials
Chemistry
Environmental
Services



Agri-Food
Biosciences
Health



ICT
Electronics, Sensors
& Photonics
Defence & Security
Space



Built Environment
Transport
Energy



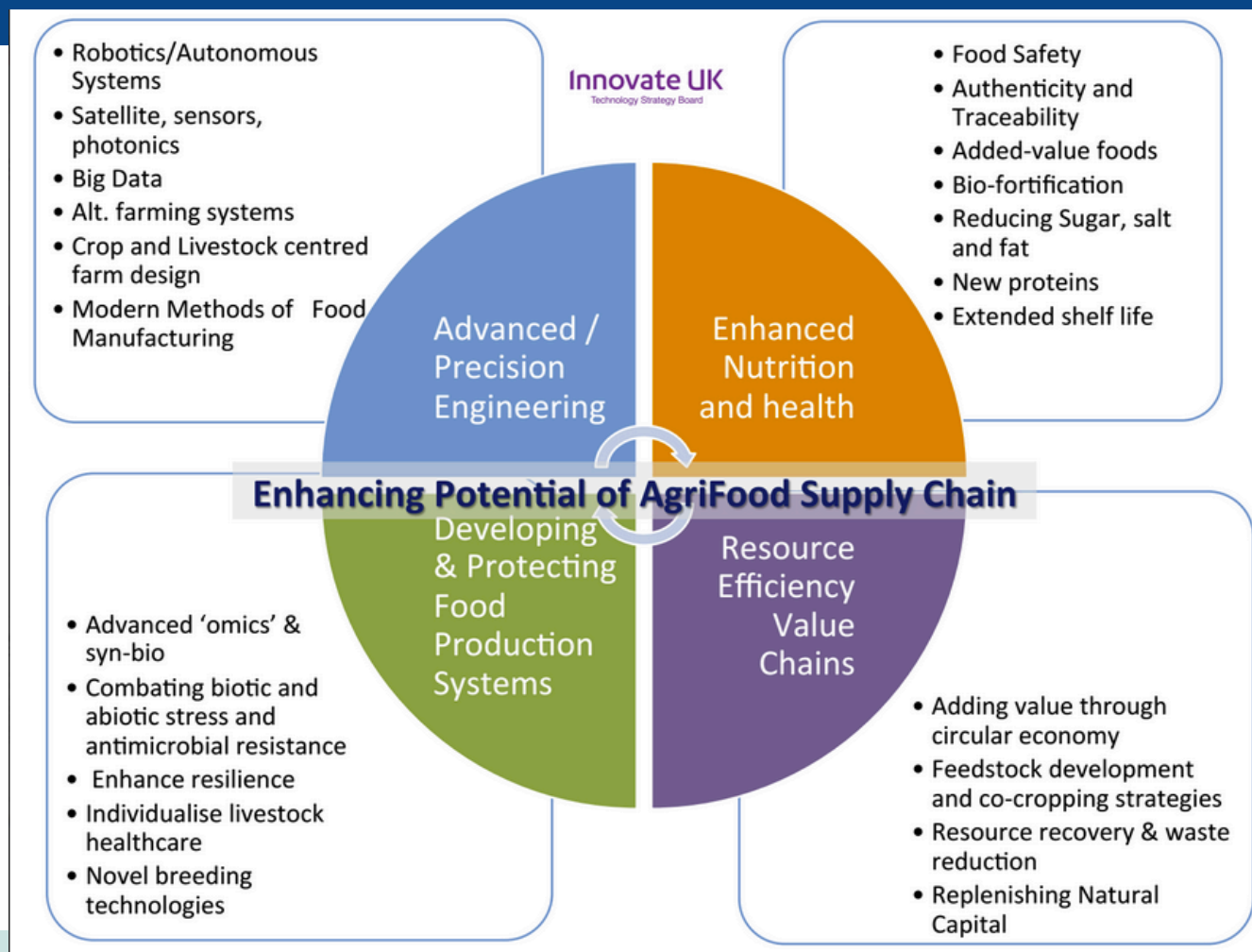
Creative Industries
Digital Economy
Design

Focus is on bringing together groups of those that would not normally meet

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

Innovate UK AgriFood Strategy

- Next strategy for 2015 – 2020



PRIORITY AREAS FOR RESEARCH TO MAINTAIN AND ENHANCE THE UK'S COMPETITIVE POSITION IN GLOBAL FOOD MANUFACTURE



Getting the most from the KTN

Keep in contact

Contact us at an early stage to discuss potential projects, partners and funding

Register with us on _connect

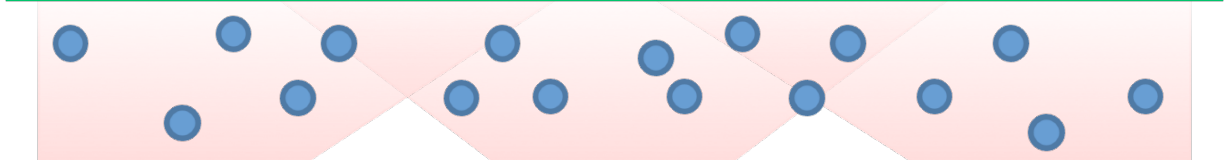
connect.innovateuk.org/web/biosciencesktn

Suggest events/activity you'd like to see happening

Keep us aware of changes and developments

WEALTH GENERATION

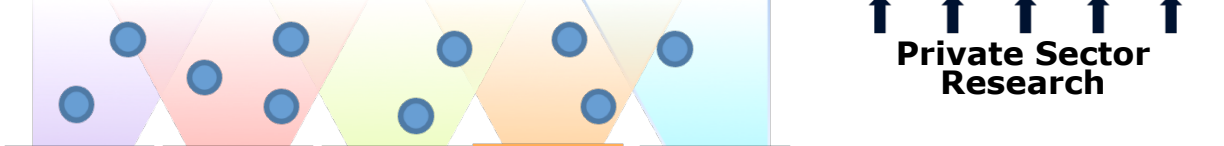
Product Development



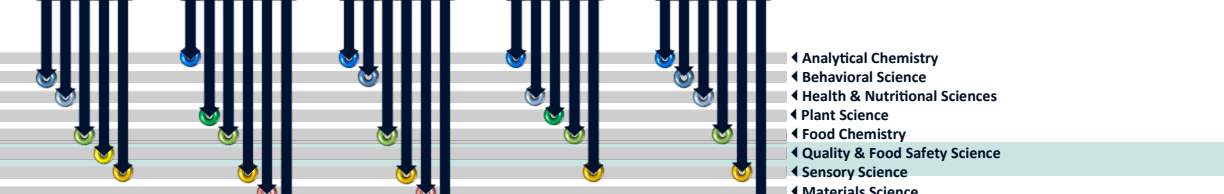
Bioscience **Industrial Biotechnology** **Chemical Sciences**



Public Knowledge Pool **Private Knowledge Pool**



Biochemistry **Nanotech** **Systems Biology (Computational)** **Biological Chemistry** **Neuroscience**



- ▶ Analytical Chemistry
- ▶ Behavioral Science
- ▶ Health & Nutritional Sciences
- ▶ Plant Science
- ▶ Food Chemistry
- ▶ Quality & Food Safety Science
- ▶ Sensory Science
- ▶ Materials Science
- ▶ Computational Science

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- ◀ Quality & Food Safety Science
- ◀ Sensory Science
- ◀ Materials Science
- ◀ Computational Science

Strategic Endpoint

Product Development

Projects Leading to Products

Priorities and Knowledge Transfer (KTN)

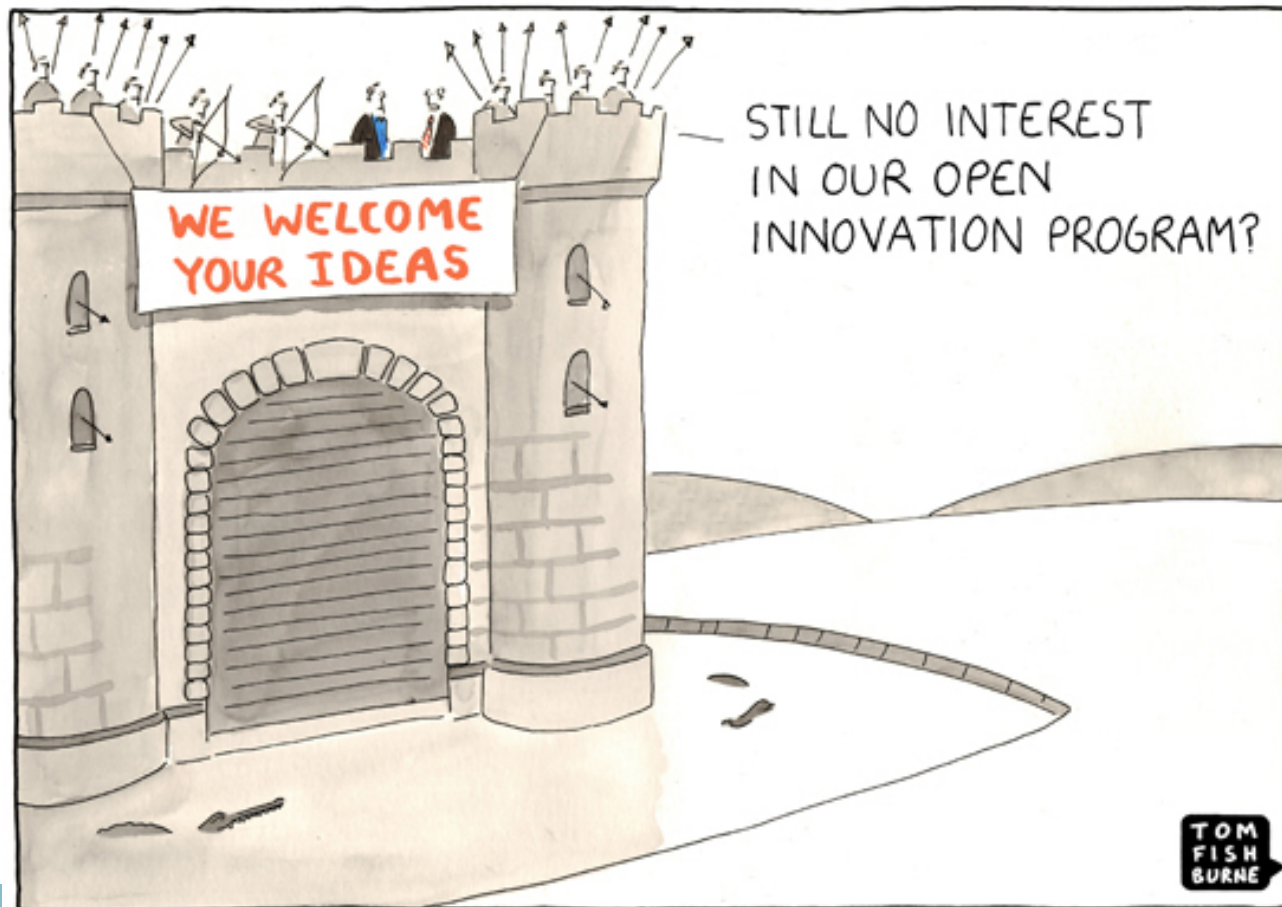
Total Knowledge Pool

Strategic Research Projects – Knowledge Acquisition. Public R&D

Core Knowledge Areas

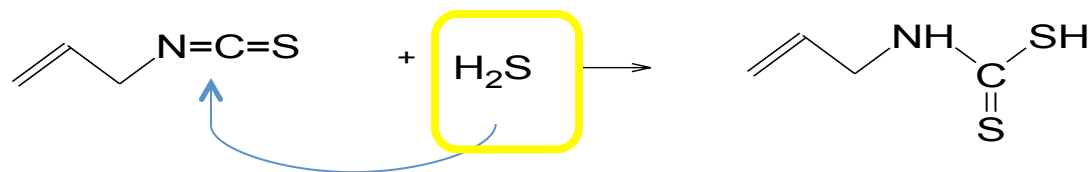
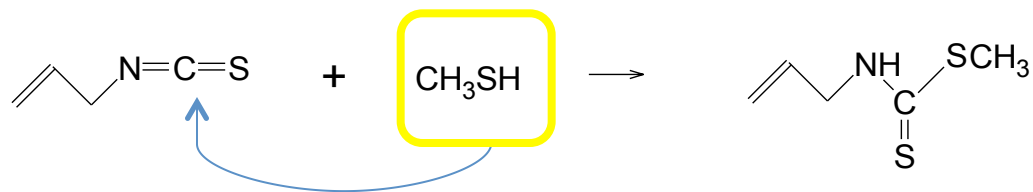
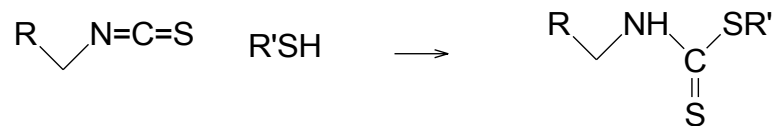
Science and Technology

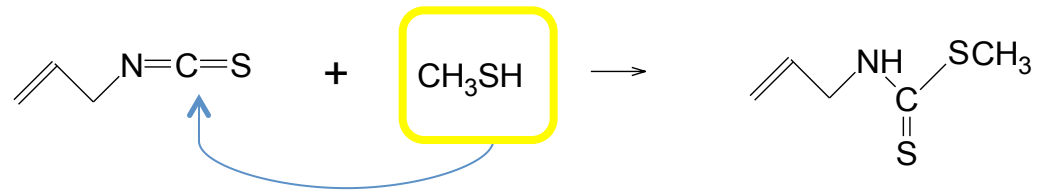
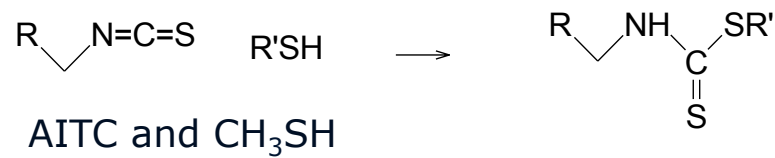
Open Innovation



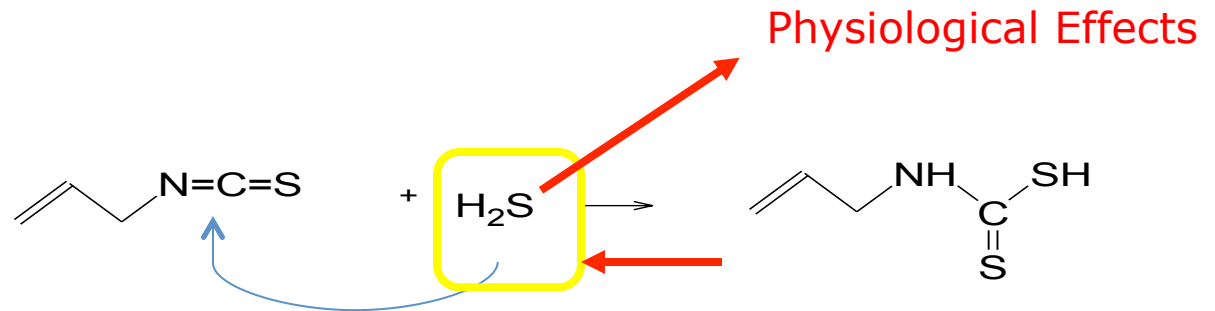
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General:





AITC removes odour.
 In biological systems, DTC releases AITC and Hydrogen Sulfide





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