



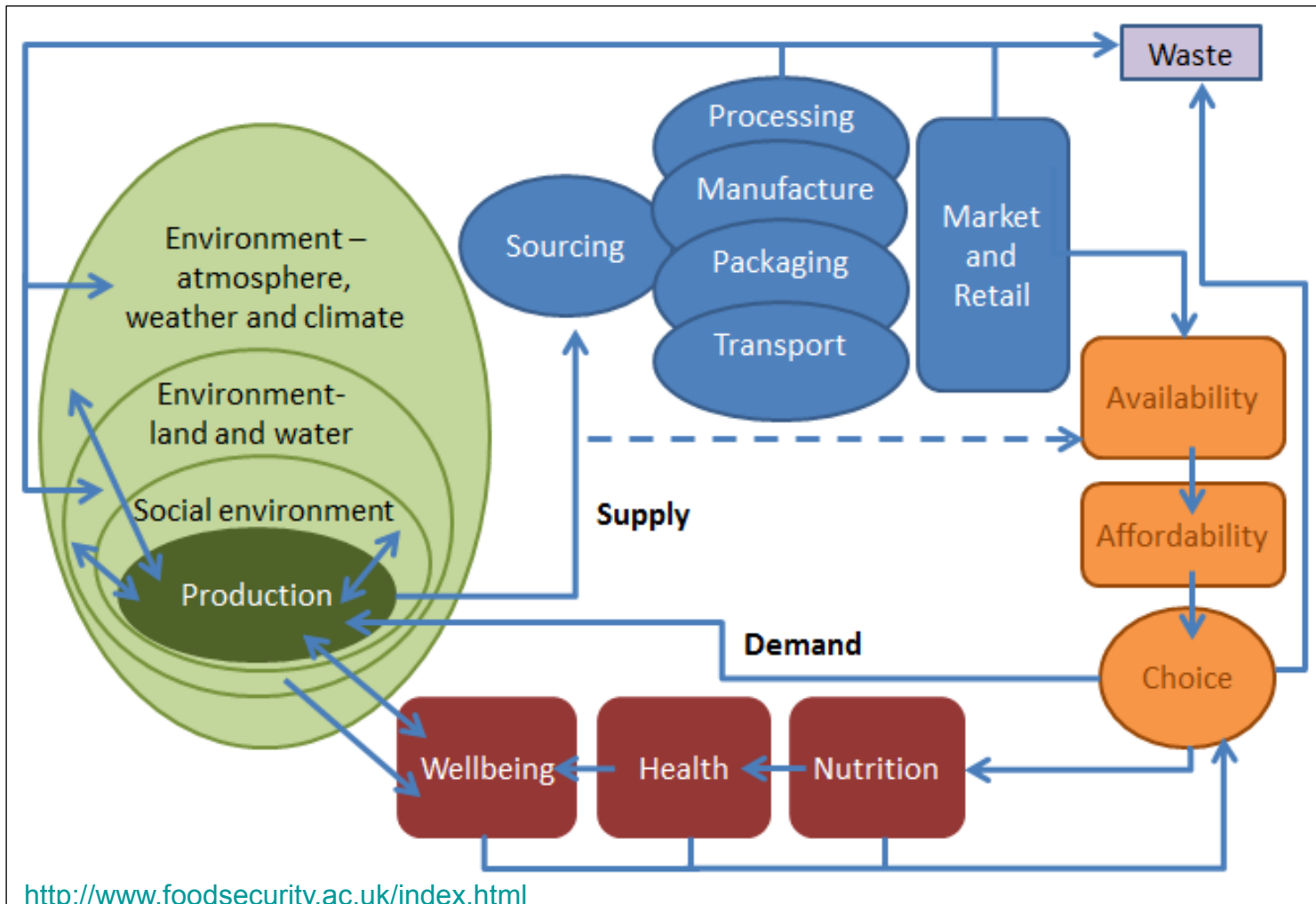
# STFC GFS and Agri-tech

**Geoff McBride**

STFC GFS & Agri-tech Theme Leader



The UK's main public funders of food-related research are working together through the **Global Food Security programme** to meet the challenge of providing the world's growing population with a sustainable, secure supply of nutritious food from less land and using fewer inputs.





GFS and Agri-Tech

How does this theme overlay to STFC Capability Areas?

HPC

Materials

Technology

Remote Sensing

STFC Food Network+

Food Innovation Network

GFS Cross Council Programme

Newton Fund

LEPs

SIN

Agri Centres

Catapults

Others.....



## GFS and Agri-Tech

How does this theme overlay to STFC Capability Areas?

### HPC

- Internet of things
- Big data
- Software Technologies
- ICT

### Materials

- Biotech

### Technology

- Robotics and automation
- UAV
- Sensors

### Remote Sensing

- UAV
- Sensors
- Satellite Applications



## STFC Food Network+

|                               |                                |                              |  |
|-------------------------------|--------------------------------|------------------------------|--|
| <b>Principal Investigator</b> | Professor Sarah Bridle         | The University of Manchester | Physics and Astronomy                  |
| <b>Co-Investigator</b>        | Professor Katherine Denby      | University of York           | Biology                                |
| <b>Co-Investigator</b>        | Professor Mark Reed            | Newcastle University         | Agriculture Food and Rural Development |
| <b>Co-Investigator</b>        | Professor Siau Ching Lenny Koh | University of Sheffield      | Management School                      |
| <b>Co-Investigator</b>        | Dr Kieran Flanagan             | The University of Manchester | Physics and Astronomy                  |
| <b>Co-Investigator</b>        | Professor Bruce Grieve         | The University of Manchester | Electrical and Electronic Engineering  |
| <b>Co-Investigator</b>        | Professor Jason Halford        | University of Liverpool      | Psychology                             |

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# Questions

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