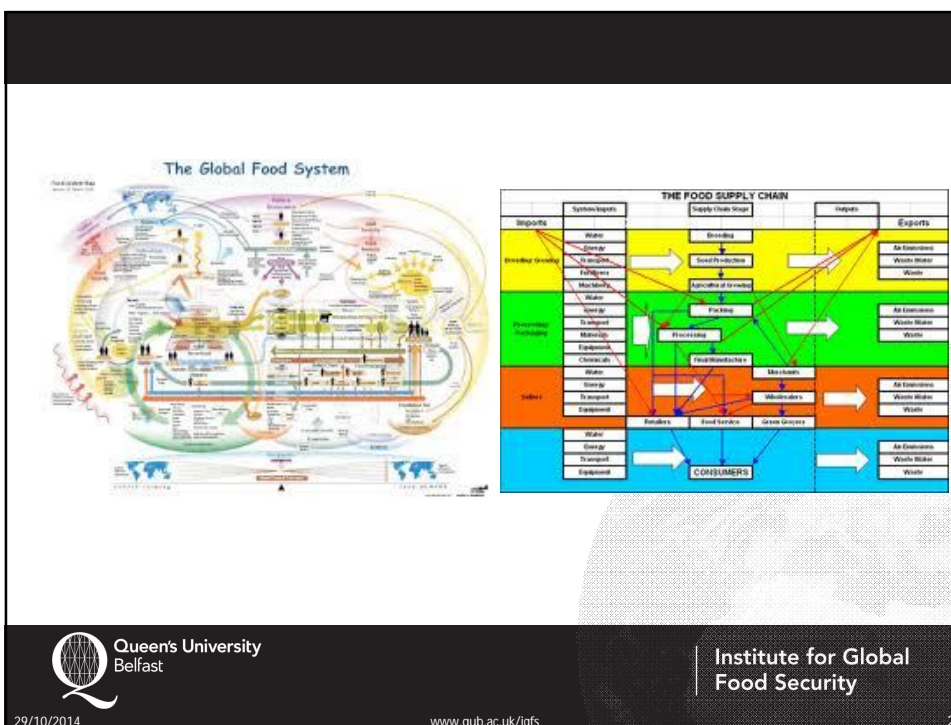
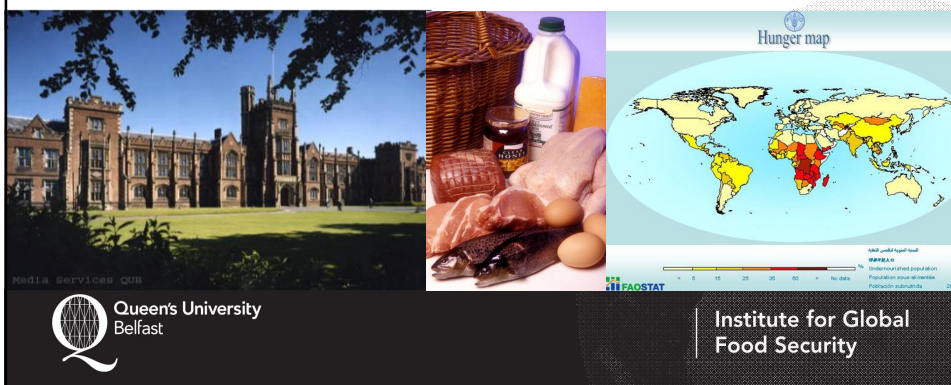



Needs and Options for a Collaborative Approach to tackling food fraud

Prof Chris Elliott, Director, Institute for Global Food Security,
Queen's University, Belfast





Queen's University
Belfast

Institute for Global
Food Security

29/10/2014 www.qub.ac.uk/igfs 3

The Elliott Review

GOV.UK

Search Departments Topics Worldwide How government works Get involved
Policies Publications Consultations Statistics Announcements

Press release
**Professor Chris Elliott to lead review
into food supply networks**

Organisation: Department for Environment, Food & Rural Affairs
Page history: Published 4 June 2013
Policy: Making the food and farming industry more competitive while protecting
the environment
Topic: Food and farming
Minister: The Rt Hon Owen Paterson MP

Professor Chris Elliott will lead an independent review of Britain's food system in light of the recent horsemeat fraud.

HM Government

Elliott Review into the Integrity and Assurance of
Food Supply Networks – interim report
December 2013

HM Government

**Elliott Review into the Integrity and
Assurance of Food Supply Networks –
Final Report**

A National Food Crime Prevention Framework
July 2014

Queen's University
Belfast

Institute for Global
Food Security

29/10/2014 www.qub.ac.uk/igfs 4

The Scientists

Scientists collaborating with scientists



Analytical Methods
The application of near-infrared (NIR) and Raman spectroscopy to detect adulteration of oil used in animal feed production
Stewart Francis Graham^{a,*}, Simon Anthony Haughey^a, Robert Marc Ervin^a, Emmanuelle Cancouët^b, Steven Bell^c, Christopher Trevor Elliott^a



Missing

- Rapid exchange of information
- Information on scientific advances (and when scientific advances do not materialise....)
- Methods: Reference Materials: Standards: Samples
- Databases

Europe needs a formal network on food fraud to advance scientific collaboration



Institute for Global Food Security

29/10/2014

www.qub.ac.uk/igfs

7

The Scientists

Natural Scientists

Social Scientists

Natural & Social Scientists

Scientists collaborating with regulators

Generally crisis focused.

Much longer term relationships need to be developed



Scientists collaborating with industry

Industry struggles to understand the science and how best to invest resources into testing programmes



Europe needs a formal network on food fraud to advance scientific collaboration with all stakeholders



Institute for Global Food Security

29/10/2014

www.qub.ac.uk/igfs

8

Intelligence



Queen's University
Belfast

29/10/2014

www.qub.ac.uk/igfs

Institute for Global
Food Security

9

Summary

**Member States are starting to come to terms with food fraud:
Impact to consumers, impact to industry**

**The need for better collaboration between stakeholders is becoming more
apparent at the member state level**

**The need for better mechanisms to promote collaboration between
stakeholders at the European level is now starting to be discussed in earnest.**

**Strong leadership is required to build robust structures/mechanisms
which will allow the necessary level of collaboration to develop and
function.**



Queen's University
Belfast

29/10/2014

www.qub.ac.uk/igfs

Institute for Global
Food Security

10