Background
Food composition data is vital for UK public health with respect to understanding patterns and trends in food composition and consumption, their affects on health and the development of healthier food products. The Food Databanks National Capability (FNDC) is based around inter-connected databases describing nutrients, non-nutrient bioactive compounds with putative health benefits, and food allergens. The FNDC works with stakeholders involved in government, research, industry and health practice.

UK Food Composition
Project to manage production and publication of food composition data for Department of Health

- Supports National Diet and Nutrition Survey
- UK Composition of Foods Integrated dataset
UK data included in EuroFIR eSearch dataset

Biologically Active Substances Information System

- Critically evaluated data
- Composition of bioactive compounds
- Bioactivity from in vivo/in vitro studies
- 256 compounds
- 199 plants

Objectives:
• Improve delivery and research applications of food composition data
• Improve cooperation and exchange of data and information with other data providers
• Provide coordinated training and support for users from the research community, health professionals, food and biotech industries, government agencies and departments and consumers
• Increase stakeholder awareness
• Enhance exploitation, secure additional funding and maximize financial return from publications

Collaborators:
• British Nutrition Foundation
• MRC Human Nutrition Research
• LGC Ltd
• Eurofins Laboratories
• IFR Extra
• EuroFIR AISBL
• University of East Anglia
• Royal Society of Chemistry

Research
- Nutrition, epidemiology & health
- Food quality & safety
- Novel foods
- Food security
- Food allergy

Public Health Policy
- Five-a-day
- Salt reduction
- Trans fat reduction
- Eatwell plate
- School meals
- Labelling
- EC directives

Knowledge Exchange
Stakeholder Interaction
- International conferences
- Food Manufacturers/Retailers
- Academic research groups (UK & International)
- Health practitioners

Food Industry
- Product development
- Recipe calculation
- Healthy options
- Ingredients
- Labelling
- Food safety
- Marketing

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