SAFE FOODS
Promoting Food Safety through a New Integrated Risk Analysis Approach for Foods
FP6 EU Project SAFE FOODS

- Integrated Project
- Coordinators:
  - Dr. H. A. Kuiper
  - Dr. H.J.P. Marvin
- April 2004-March 2008
- Project Participation:
  - 37 partners
  - 21 countries
- Budget:
  - 14,628,000 € total
  - 11,576,000 € EU contribution
Overall objectives of SAFE FOODS

SAFE FOODS aims to strengthen consumer trust in the safety of the European food chain

SAFE FOODS aims to improve the interaction and integration between the components of the food safety risk analysis framework
Strategic Objectives

- An effective European working-procedure for early identification of emerging risks in food production chains in an expanding European market
- To develop comparative safety assessment approaches for foods produced by different breeding and production practices
- Quantitative risk assessment of complex food contamination patterns
- To investigate consumers concerns/preferences in risk analysis practices for foods
Strategic Objectives

- To investigate the new role of institutions across Europe involved in risk assessment and management taking a broader impact of food production on environment, animal welfare, sustainability, and socio-economic consequences into account.

- To design a new risk analysis approach for foods, integrating scientific principles, societal aspects and effective public participation.
WP6 – Integrated Risk Analysis Model

WP7
Communication, Dissemination and Training

WP5
Investigation of the Role of Regulatory Institutions in Risk Management

WP4
Consumer Confidence in Risk Analysis Practices

WP3
Quantitative Risk Assessment of Combined Exposure to Food Contaminants and Natural Toxins

WP2
Early Detection of Emerging Risks

WP1
Comparative Quality Evaluation of Breeding Approaches and Production Practices
First comparative databases for profiling of foods produced by different breeding approaches and production systems

Development of a working procedure for identification of new emerging chemical and microbial risks in food production chains

New approaches for risk modelling of food contaminants and natural toxins, and criteria development for comparative risk analysis

Analysis of food safety risk perceptions of experts, regulators, consumers and other stakeholders regarding novel and conventional foods
WP6 – SAFE FOODS Major Deliverables (2)

- Analysis of uncertainties in risk assessment and identification of best practice in communicating risk uncertainty to the public
- Identification of consumers’ preferences for risk analysis strategies for foods across Europe
- Guidance for evaluation and governance of systemic food risks
- Recommendations for improvement in risk management procedures and institutional structures
- New Risk Analysis Approach for foods that integrates risk assessment, risk management, consumer preferences and values, as well as impact analysis of socio-economical aspects
WP2 – Early detection and assessment of emerging
Transfer Point for Information on Emerging Risk

Building an electronic library containing experts and expertise in the field of food safety research and food safety assessment over the world

Contacts with e.g. ILSI or EFSA
WP3 - Probabilistic modelling of exposure

RESIDUE
DATABASE

CONSUMPTION
DATABASE

EXPOSURE = CONSUMPTION × RESIDUE
WP6 – SAFE FOODS Film

- In collaboration with the EU 6th FP project MREFS (Multimedia Repository of European Food Science) and EMRS (European Multimedia Repository of Science)
- Short film is being developed on the topics of food, risk and health
- SAFE FOODS promotional video
Agenda for the Workshop

DAY 1

- Principles of risk assessment and management
- SAFE FOODS risk analysis model
- Framework for emerging risk identification
  - Discussion: How to include this into the risk analysis model?
- Participants’ examples of emerging risks
  - Which risks and the way it was dealt with
  - One presentation per country
Agenda for the Workshop

DAY 2

- Identification of emerging hazards
- Selected case studies
  - Mycotoxins
  - Microbiological
- Group assignment on emerging risks
  - Sample case studies or chosen by participants
    - Early identification?
    - Which measures?
    - Improvements needed?
    - Examples from the past?
  - Reporting back (one-page summaries
- Conclusions
Promoting Food Safety through a New Integrated Risk Analysis Approach for Foods

Recent food safety incidents and the introduction of genetically modified foods in Europe have resulted in an intense public debate regarding the safety of the European food supply. Consumers have little confidence in the safety of their food supply and remain sceptical and distrustful of the management procedures currently in place.

The overall objective of the SAFE FOODS model is to change the scope of decision-making on food safety from single risks to considering foods as sources of risks, benefits and costs that are associated with their production and consumption, and taking into account the social context in which decisions are made.

Two new partners have joined SAFE FOODS

The Sociiedade Portuguesa de Inoveação (SPI) is a new SAFE FOODS partner that will assist Workpackage 2 in the organisation of training.

In SAFE FOODS, SPI will be involved in the development of a training module and the organisation of three

The A.N. Baikie Institute of Biochemistry (INBI) is another new SAFE FOODS partner. This Russian partner joined via the INCO Top Up Call that was launched in February 2006.

SAFE FOODS in SILACRA Conference
11/3/2006

SAFE FOODS workshop with risk managers in Brussels
11/2/2006

SAFE FOODS in BEPC International Conference
11/2/2006

Contract number:
Food-CT-2004-506446

Enter the SAFE FOODS Project Site (members only)

Sixth SAFE FOODS consortium meeting
Riga, Latvia. Click here for more information.
Thanks!
Any questions?