



European Food Safety Authority

**DATA COLLECTION ACTIVITIES  
OF  
SCIENTIFIC COOPERATION AND ASSISTANCE  
DEPARTMENT**

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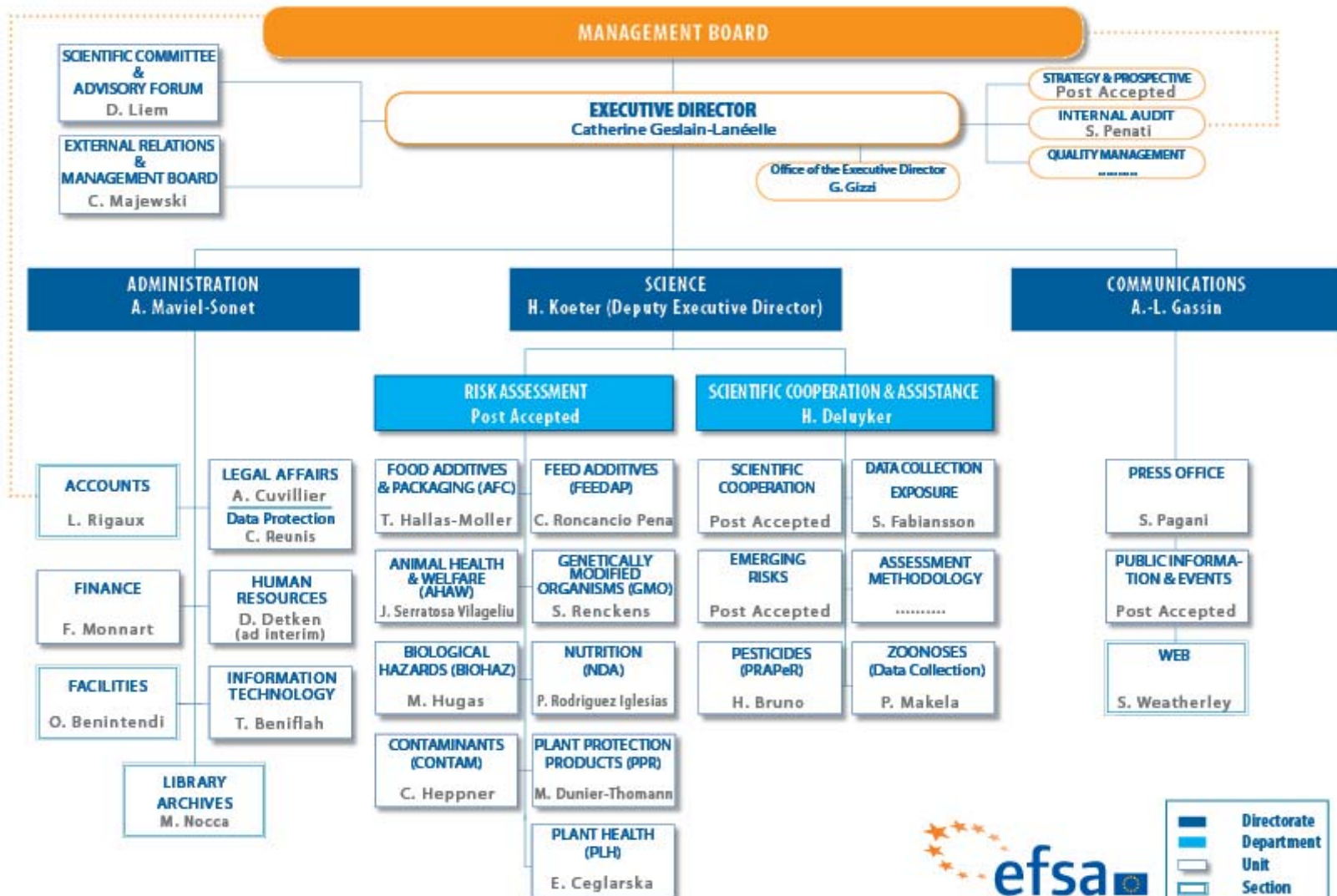
**Caractéristiques des banques de données européennes**  
Brussels, 23 November 2007

## Major focus SCA networks for data collection & analysis (art. 33)

- Food consumption (Datex unit)
- Food composition data (Datex unit)
- Food supplements, additives, and colourants (Datex unit)
- Chemical contaminants data (Datex unit)
- Residue Evaluation: pesticides (PRAPeR unit)
- Micro-organisms and parasites (Zoonoses unit)
- Animal health and welfare (AM unit)
- Plant health (AM unit)

- Review needs
  - Panels
  - Commission and Advisory Forum / Member States
- Identify available databases (art. 33) :
  - Member States, Commission
  - Research projects
- Analysis
  - Data gaps: quantity and quality
  - Agree on priorities to fill gaps

- Suggest priorities for data collection, based on future needs
- Approaches
  - Use existing data:
    - Publications
    - Commission (Eurostat, FVO) and Member State reports
  - Continuation of databases by EFSA, after EU research project completion
  - Initiate data new projects with Member States & Commission
- Harmonization
  - Testing - EU Reference Labs
  - Sampling design
  - Data harmonization: food categories and meta data
  - Data structures and transfer
  - Efficient data access for all users



- Responsible for Data Collection
- Not Risk Assessments - Remit of Panels
- Operates through networks - with representation of all Member States
- Best practices
  - Working groups for specific tasks: best experts
  - Transparency: Declaration(s) of Interest
  - Openness: Reports on the web

- **Nutritional perspective (NDA panel)**
- **Exposure assessments: microbiological or chemical (BIOHAZ, AFC, and others)**

- **Network with Member States: 19 Member States attended Nov 2007**
- **Completion concise food consumption database (art. 36) (Jun 2008):**
  - 16 Member States now included
  - 6 more to be added
  - summaries to be put on the EFSA website
- **Define requirements comprehensive food consumption database (Dec 2008)**
- **Food consumption database development, including food classification system (Dec 2010)(Art. 36)**
  - Build on existing food consumption data collection projects e.g. EFCOVAL
- **Specific Food consumption needs:**
  - vulnerable groups (Art. 36)(Jul 2009)
  - Mollusc consumption for marine biotoxins
  - Fish and seafood for perfluoro-octane (PFOS) and perfluoro-octanic acid (PFOA)
  - Nitrate consumption in vegetables
- **Specific Feed consumption needs:**
  - High levels of vitamin A

- **NDA panel: Nutritional profiling**
  - Food composition data (Jan 2009)
  
- **Approach**
  - Currently databases from several Member States
  - Establish strategy (Dec 2008)

- CONTAM panel: exposure assessment support
  - Aflatoxin
  - Ethyl Carbamate and Cyanide
  - Nitrate in Leafy Vegetables
  - Marine biotoxins: okadaic acid
  - Mercury in feed
  - **Feed contaminants: natural plant products (Jun 2008)**
  - **Heavy metals: cadmium, lead (Dec 2008)**
  - **Mycotoxin evaluations (no mandate yet)**
- AFC panel: exposure assessment support
  - Smoke flavorings
- European Commission
  - Polycyclic aromatic hydrocarbons
  - **Phytosterol supplementation (Jun 2008)**
  - **Furan (Jan 2008 – Dec 2010)(art. 36)**
  - **Acrylamide yearly data collection (until Jun 2010)**

- **Current situation:**
  - data obtained through Calls by the Commission or EFSA
  - liaise through Environmental and Industrial Contaminants Expert Group
- **During 2008:**
  - Define data collection strategy (Dec 2008)
  - Establish network: 12 Member States nominations received thusfar
  - Make proposals for pro-active data collections

# Zoonotic micro-organisms: data needs

- **BIOHAZ panel**
  - Quant. microbiological RA project in pigs (Dec 2009)
  - Quant. modelling poultry food chain (Sep 2007 - Dec 2008)
  
- **AHAW panel**
  - Tuberculosis diagnostic test project in deer (Jan 2006 - Dec 2007)

# Zoonotic micro-organisms: data sources

- Annual Zoonoses Summary Report
  - **2006 Report (Dec 2007)**
  - **Country visits (on-going)**
  - **Revision of the reporting manual for 2007 data (Oct 2007 - Mar 2008)**
  - **Revision of the Zoonoses Reporting web application (Sep 2007 - Mar 2008)**
  - **New data: collection of molecular typing and other subtyping data (Sep 2007 – Sep 2008)**
  - **2007 Report (Dec 2008)**

- Harmonisation activities
  - Guideline for survey design (completed)
  - Antimicrobial resistance salm. & campyl. (completed)
  - **Human foodborne outbreaks (Nov 2007)**
  - **Antimicrobial resistance in E. coli and enterococci (Mar 2008) and guidelines on MRSA (Nov 2007)**
  - **Parasites (art. 36) (Mar 2007 - Dec 2008)**
  - **VTEC (Mar 2008 – Dec 2008)**
  - **Yersinia (Mar 2008 – Dec 2008)**
  - **Toxoplasma (Mar 2008 – Dec 2008)**
  - **Q fever and Rabies (art 36.)(Mar 2008 – Dec 2009)**
  - **Survey methods for monitoring of Salmonella, Campylobacter and Listeria in foods (Art. 36)(Sep 2008- Dec 2009)**

- Support to the European Commission: Study design and epidemiological data analysis
  - Salmonella in broiler flocks (Part B Oct 2007)
  - **Salmonella baseline survey slaughter pigs (Part A Apr 2008, Part B – Jun 2008)**
  - **Salmonella baseline survey in turkeys (Part A Mar 2008, Part B May 2008)**
  - **Analysis antimicrobial resistance (Dec 2008)**
  - **In-depth analysis Salmonella serovar data (Feb 2008 - Mar 2009)**
  - **Salmonella in breeding pigs (Oct 2008 – May 2009)**
  - **Salmonella and Campylobacter in live broilers and broiler meat (Oct 2008 – May 2009)**
  - **Analysis of MRSA in breeding pigs (Oct 2008- Dec 2009)**

- **European Commission: Epidemiological modeling emerging animal diseases**
  - Numerator data: ADNS for the EU, outside EU?
  - Denominator data:
    - data access;
    - databases sheep, goats, horses
  - Risk factor data
  
- **PLH panel**
  - Remote sensing data for modeling plant disease, with ESA (Art. 36)(Dec 2008)

- **Database on relevant endpoints used for peer review (Reg 396/2005)(Art. 36)**
- **Databases toxicological reference values (700 ADI, 550 ARfD and 50 AOEL values) and other information (Oct 2007)**
- **Establish database on Good Ag Practices (Reg 396/2005)(Art. 36)**
- **Establishment and maintenance of MRL database (Art. 36 Reg. 396/2005)(Art. 36)**
- **Preparation of European Monitoring Report covering national and Community control programmes (Feb 2009)**

***Grazie per la vostra attenzione***