



EFSA's activities on data collection (Art. 33)

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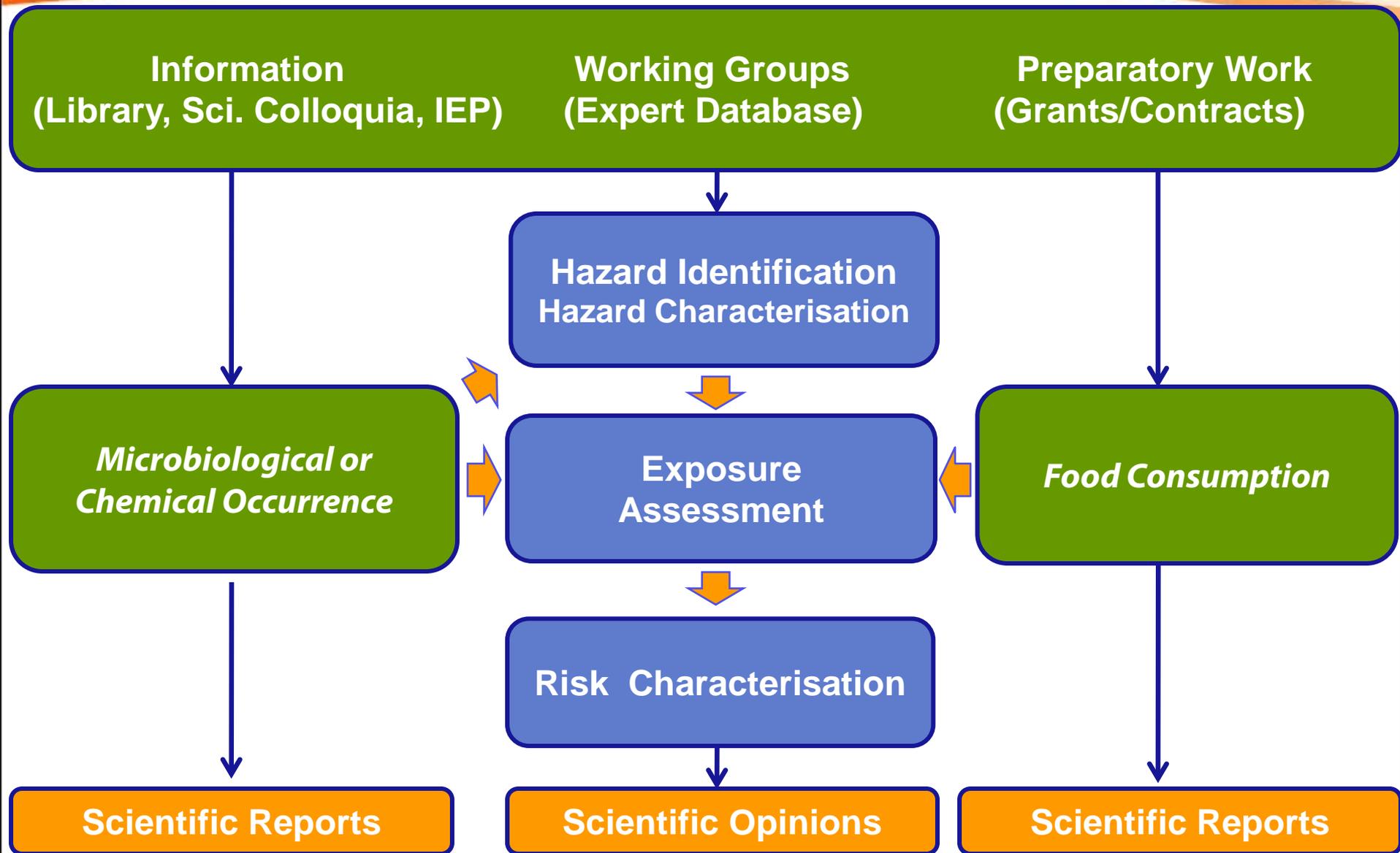
- **Scope: Art. 33**

- food consumption
- occurrence micro-organisms, contaminants & residues

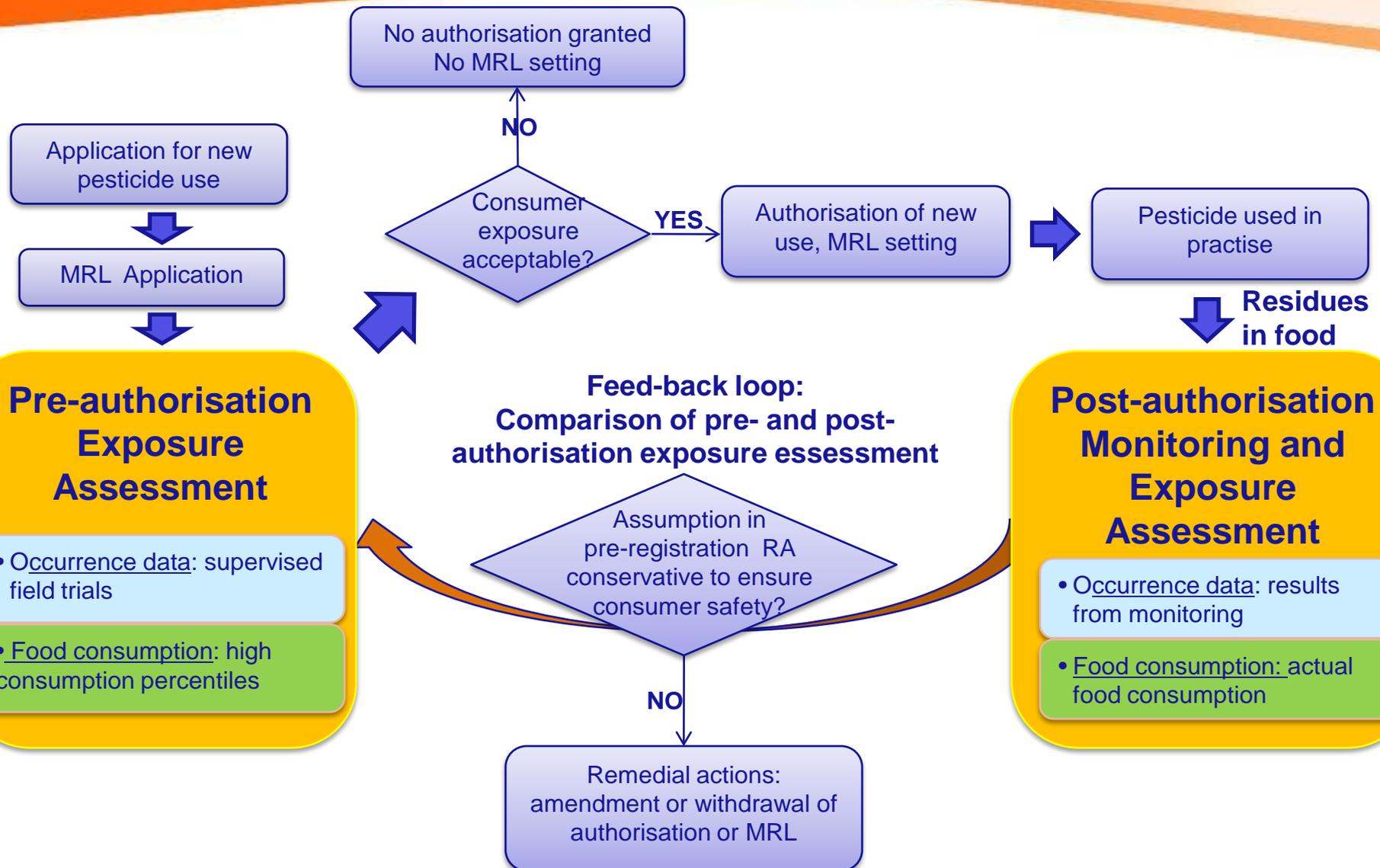
- **EFSA Tasks: Art. 33**

- set up networks with current and applicant MSs, EEA countries, 3rd countries, international organisations
- collect, collate, analyse and summarise data
- recommendations for improvement of data comparability and consolidation
- provide the results to EP, EC, MSs

Workflow: SCA Support



Scope: Characterisation and Monitoring of Risks



Networks on data collection

Area	Networks	Year
Zoonoses	Zoonoses Task Force	2004
Food consumption	Expert Group Food Consumption	2007
Contaminants	Expert Group on Chemical Occurrence	2008
Pesticides	Networking Group on Pesticide Monitoring	2009

- **Annual Monitoring** - Community Summary Report, with ECDC
 - Zoonoses and zoonotic agents
 - Food-borne outbreaks
 - Antimicrobial resistance
- **Topical reports**
 - EU-wide baseline surveys on zoonotic agents in animals and food population: *Salmonella*, *Campylobacter*, methicillin resistant *Staphylococcus aureus* (MRSA)
 - Report on trends in antimicrobial resistance
 - Source attribution of human *Salmonella* infections

- **Contribution to RA activities**

- Salmonella targets and QMRA in laying hens, breeding poultry and in slaughter and breeding pigs
- QMRA Campylobacter in broilers and broiler meat
- Opinions on Brucella suis and Echinococcosis

- **Harmonisation activities**

- Technical specification for 8 zoonotic agents
- Guidance on antimicrobial resistance data collection
- Survey methodology for various food-borne pathogens and
- Development of data analyses procedures (statistical and spatial) for zoonoses data

- **Annual Monitoring**

- Pesticide residues and Veterinary drug residues
- Contaminants: acrylamide and furan

- **Topical Reports**

- Contaminants: Polycyclic Aromatic Hydrocarbons (PAH), dioxins

- **Contribution to RA activities – Exposure assessment**

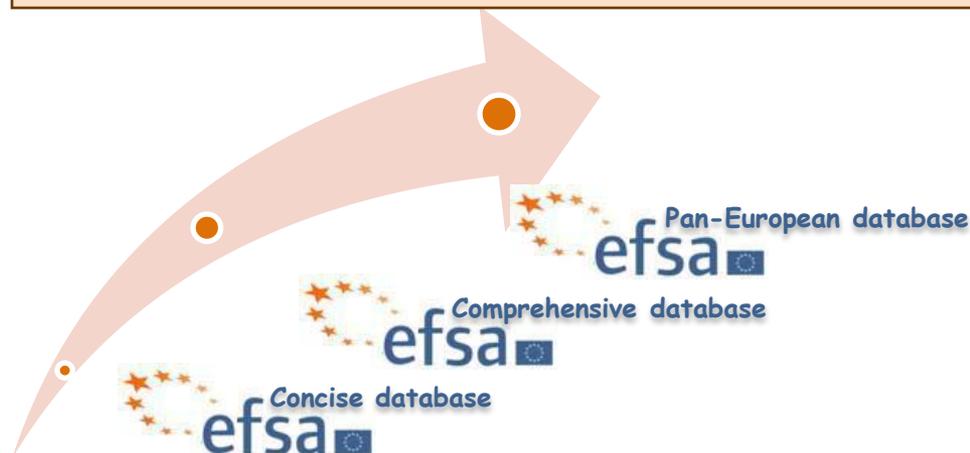
- Contaminants - heavy metals, marine biotoxins, aflatoxin, melamine and nicotine, ethyl carbamate, nitrate in vegetables
- Flavourings and smoke flavourings
- Pesticide residues

- **Harmonisation activities**

- Working group on left censored data
- Working Group for Total Diet Studies
- Development and implementation of Standardised Terminology and sample description for chemicals data exchange (end Oct 2010)



“A common database on food consumption would improve the consistency and reliability of exposure assessments carried out by the various EFSA Panels and other experts in Europe” (SC, 2005)



Food consumption databases

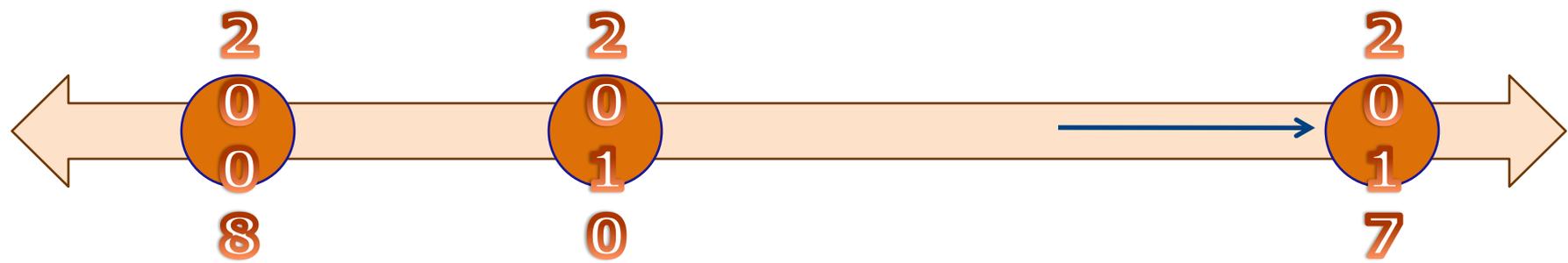
Broad categories, not covering children, not harmonised, no FFQ*



Detailed categories, partly covering children, not harmonised, no FFQ*



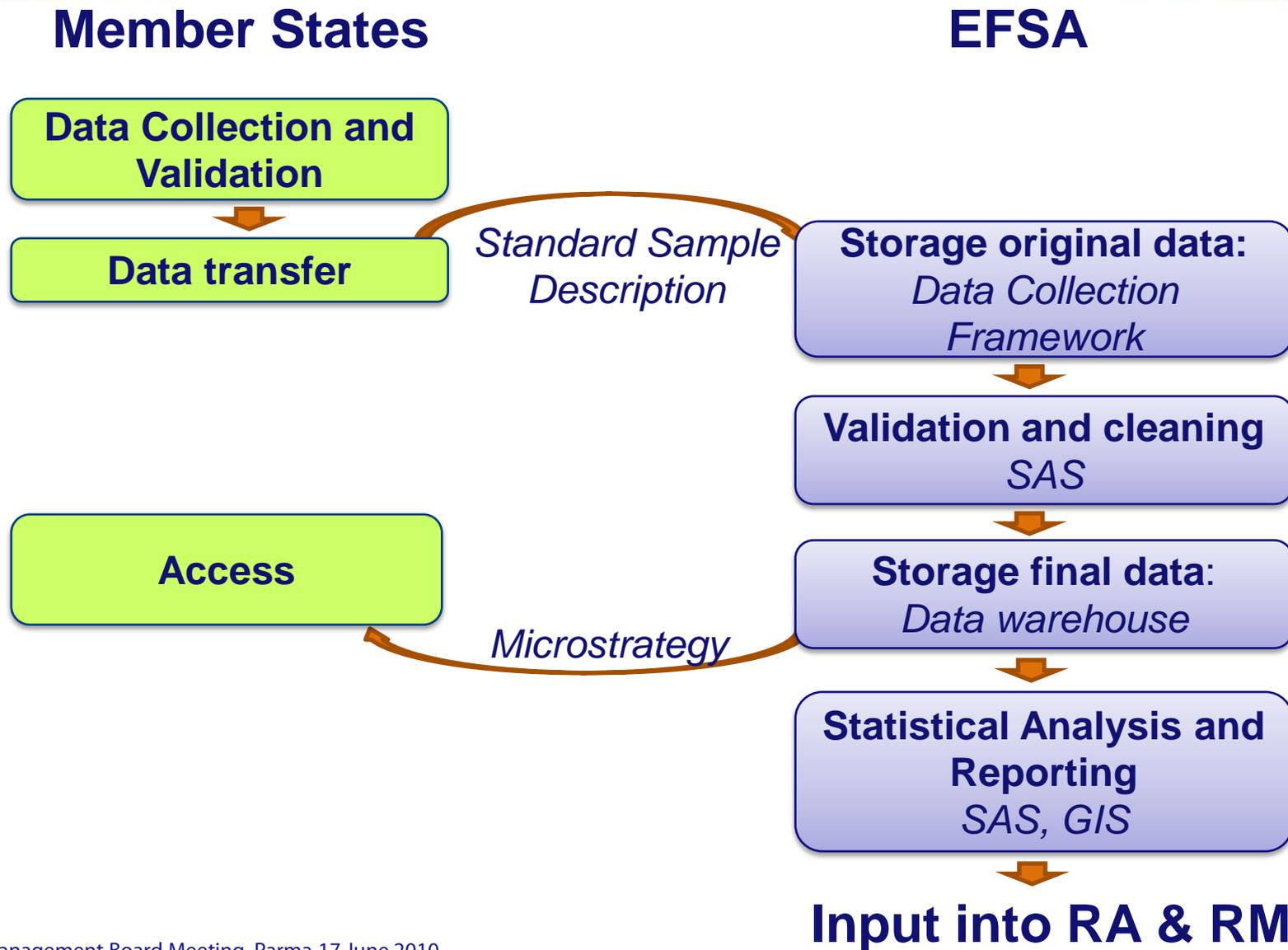
Detailed categories, covering children, harmonised including FFQ*



* Food Frequency Questionnaire

- **Guideline issued (Dec 2009)**
 - Sample selection
 - Survey tool
 - Recipe calculation
 - Food frequency
 - Data validation
 - Data interpolation
- **Working Group for Food Classification (end Sept 2011)**
- **Use of EPIC-soft software developed and tested through the DG SANCO funded EFCOSUM and EU funded EFCOVAL projects (2010-2011)**
- **Pilot study (2010-2012)**

Standardisation of data collection, validation, transfer and storage



Discussion – Achievements and Next steps

- **Networks with MSs set up: key for success**
- **Data collection – Dialogue with Commission & MSs**
- **Development of harmonised protocols for**
 - Data collection on a specific topic
 - Transfer, validation, storage and output across domains
- **Standardise EU food consumption data collection**
- **Provide Commission and MSs with structured access to the data stored at EFSA**
- **Establish a quality control and assurance coordination function in EFSA**
- **Harmonise the methods for exposure assessment**