

# Update of EU activities as regards foodborne AMR

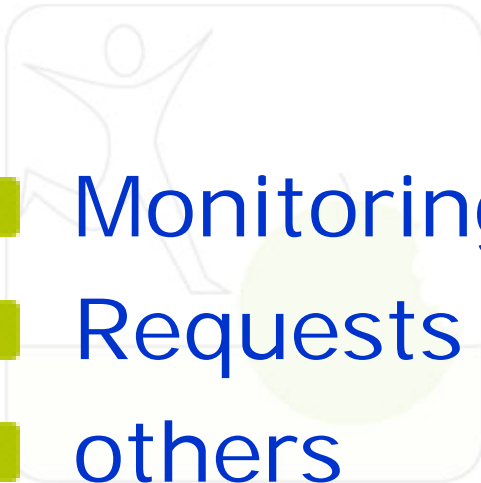
Workshop of the CRL AMR

23-24 April 2009

Kris De Smet

# Overview of activities

- Monitoring requirements
- Requests to agencies
- others



# SANCO activities: Monitoring in food and animals

- Directive 2003/99/EC: **General obligation** to monitor and report AMR
- Decision 2007/407/EC on a harmonised monitoring of antimicrobial resistance in ***Salmonella*** in poultry and pigs
- Decision 2007/516/EC ... a survey on the prevalence and AMR of ***Campylobacter*** in broiler flocks ...
- Decision 2008/55/EC ... a survey on the prevalence of *Salmonella* spp and **MRSA** in herds of breeding pigs

## Commission Decision 2007/407/EC on a harmonised monitoring of antimicrobial resistance in *Salmonella* in poultry and pigs

Year	All <i>Salmonella</i> serovars			
	Laying hens	Broilers	Turkeys	Slaughter pigs
2007			X	X
2008	X			
2009	X	X		
2010	X	X	X	
2011	X	X	X	X
2012	X	X	X	X

## Commission Decision 2007/516/EC ... a survey on the prevalence and AMR of *Campylobacter* in broiler flocks ...

- *C jejuni* and *C coli*
- Isolates from broiler caeca
- Only in 2008
- Continued monitoring mandatory after 2008, preferably using same methodology

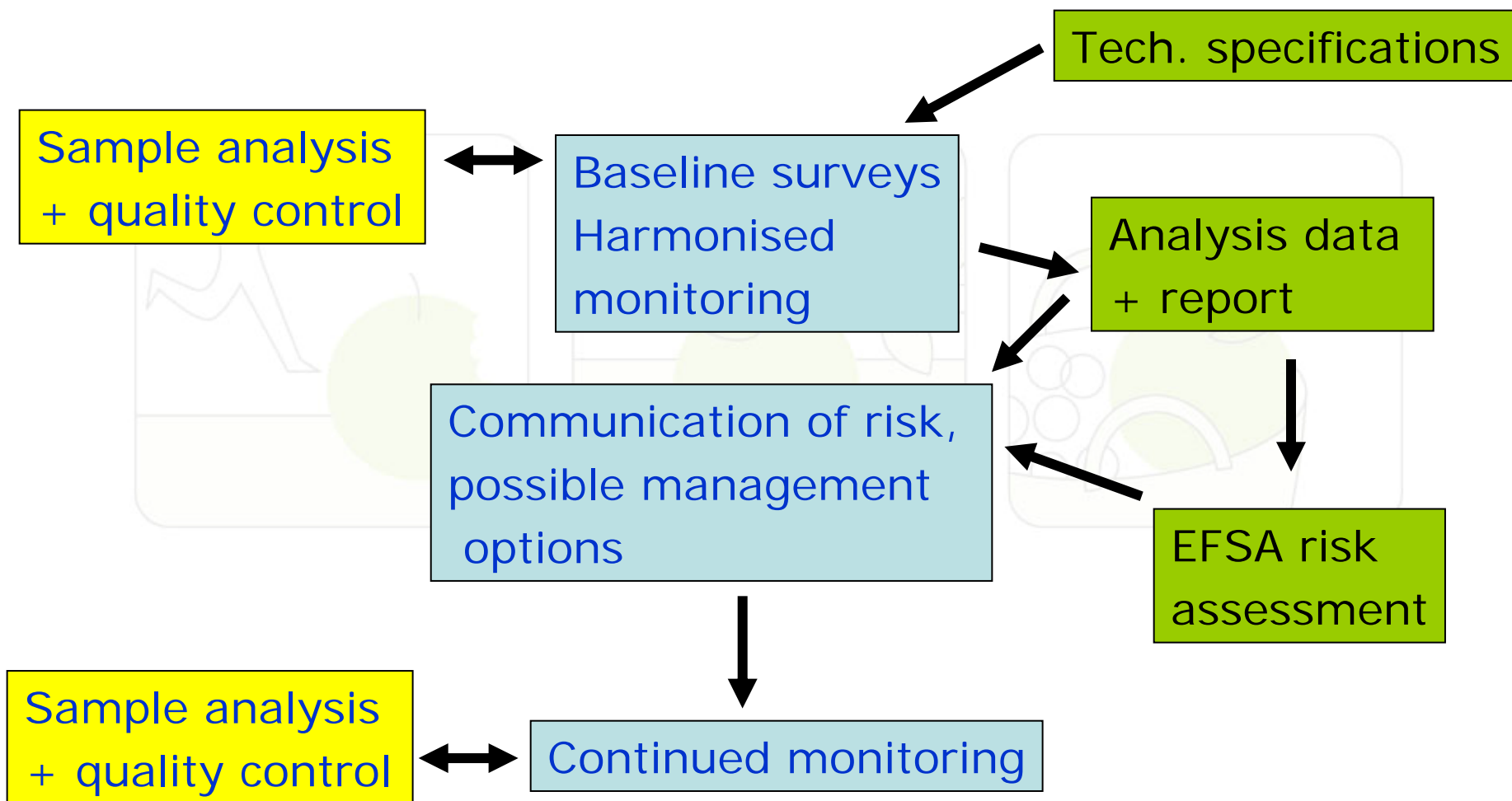
## Decision 2008/55/EC ... a survey on the prevalence of *Salmonella* spp and **MRSA** in herds of breeding pigs

- 27 Member States + Norway & Switzerland
- January to December 2008
- 2 populations:
  - Nucleus and supplier/multiplier holdings
  - Production holdings
- Up to 171 holdings /country / population
- Samples:
  - Mandatory: PCR confirmation, Spa typing
  - Optional: MLST typing, SCCmec typing, Antimicrobial susceptibility testing

CRL-NRLs

EC-MS

EFSA



# MRSA in animals and food

- EFSA opinion published
- CVMP (EMA) reflection paper adopted
- Introduce MRSA (or *Staphylococcus aureus*) monitoring in Directive 2003/99/EC?
  - General?
  - harmonised details ?



# Requests to agencies

- New initiative: Commission request to EMEA/EFSA/ECDC/SCENIHR on a common short report on AMR focussing on zoonotic infections
- Use of antibiotics in animals:
  - request to EMEA to provide an EU approach on the collection of data and to manage a data base

# Request for common short scientific report on zoonotic AMR

- Data on public and animal health problems linked to AMR according to the source of resistance (use of antibiotics in humans, in animals and other sources)
- Priorisation of zoonotic species/agent/antimicrobial combinations of highest concern
- For each combination:
  - Comparison of resistance in human and non-human isolates
  - Link with use of antimicrobials in humans and animals
  - Cross-resistance
  - Burden of disease of resistant infections
  - Exposure through food or contact with animals
  - Alternatives for prevention or treatment of animal diseases
- Areas of innovation and research

## Some other activities

- Communication from the Commission on the management of antimicrobial resistance
- CODEX alimentarius TASK Force on AMR

# The risk analysis of **zoonotic AMR**

