



Directorate F AMR monitoring project

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Lyngby

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*Health and
Food Safety*



Background

- *Directive 2003/99/EC: MSs to obtain comparable data on AMR, assess the trends and report.*
- *Decision 2007/407/EC: detailed rules for the implementation of monitoring of AMR. Salmonella poultry and pigs.*
- *2011: Commission Action Plan.*
 - **Action No 10: strengthen surveillance in AMR**



Decision 2013/652/EU



Decision 2013/653/EU

Food Safety

Directorate F role

- *Action 10 Directorate F to verify on the spot the implementation of the Decision.*
- *A project was developed in 2015.*





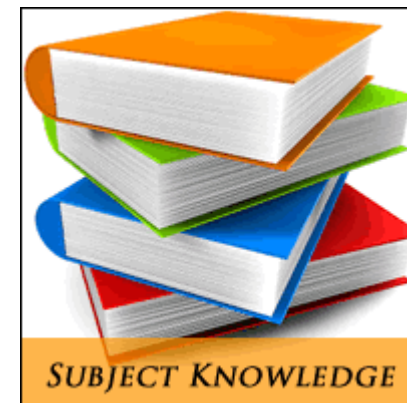
Objectives of the project

- *Evaluate the implementation of the harmonised AMR monitoring, as required by Decision 2013/652/EU, in audited Member States*
 - provide information to stakeholders
 - highlight difficulties
 - make recommendations to Member States
 - disseminate information on good practices
 - contribute to the possible further development of DG audit approach in this area.



Project development

- *Dialogue within the Commission*
- *Building technical knowledge*



Training

- *EU-RL training “on the job”*



- *EFSA training*



Still we do not know everything!

- *National Experts: yourselves!*
 - Technical support
 - Transparency
 - Knowledge sharing





MSs selected

- *With experience/less experience in the area and AMR developed policies*
- *2015 two pilot audits: DK and DE.*
- *2016 six audits: SK, AT, ES, HU, NL and RO.*



Audit itinerary: 7-10 days

- *Initial meeting. Presentations and discussion of AMR monitoring organisation,*
- *On the spot:*
 - **Three slaughterhouses poultry/porcine/bovine**
 - **Two offices organising sampling at local level**
 - **Laboratories: AST, ESBL,**
- *Final meeting*



On-the-spot

- *Selection of isolates-SNCP and Reg. 2073/2005*
 - **Processors. Available? Articles 2(2) and 3 2013/652/EU.**

R-use of available Salmonella isolates-Achieving required number

On the spot: slaughterhouse sampling design

- *Stratified, 60% of “domestic” animals R*
- *Sampling distribution over the year R*
- *Random selection dates, batches*
- *Prevalence-sampling numbers *Campylobacter**
- *Achieving the required samples (i.e ESBL 300-150)*



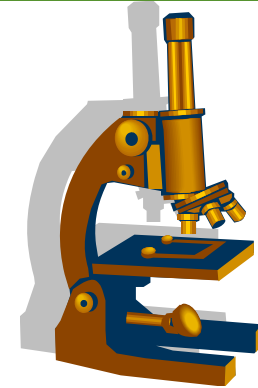


On-the-spot: local office

- *Sample allocation to NUTS 3*
- *Sampling organisation*
- *Sampling reporting to CCA*
- *Sampling allocation at local level to retail.*
- *Convenience during official controls, representativeness (supermarket chains, CDCs, ..)*

On-the-spot: laboratories

- *NRL-AMR coordination role* **R**
- *PTs, results, actions taken if failures.*
- *Procedures. In line with ISO, CLSI,..* **R**
- *McConkey, shelf life* **R**, *use of positive and negative controls*
- *Storage of isolates (-80°C)* **R**,





Reporting

- *We analyse the reported info and compare.*
- *We pick some isolates to verify*
 - inconsistencies (cephalosporines-R, ampicillin-S, 1st – 2nd panel,...)
 - repeated epidemiological units, etc
 - Date of isolation, lab code *R-*
- *Who reports?, plausibility*
- *Text format *R**



Good practices

- *Do the MS use the info obtained?*
- *One health*
- *Approval of antimicrobials*
- *Voluntary testing, imports, vegetables, companion animals, etc*



Challenges

- *Randomisation: sampling collection dates, 48 hrs sampling-testing, laboratory availability*
- *FBO samples Reg. 2073/2005*
- *48 hrs testing rule for retail samples**



Next steps

- *March 2017 Overview report*
- *After?*
 - **More MSs?**
 - **Explore synergies with current work in prudent use in veterinary medicines**
 - **Human health?**



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Questions?

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