



# One Health

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# DG SANTE and One Health

- *Similar concepts worldwide*
  - **Not a single initiative or rigid structure**
  - **OIE-WHO-FAO and beyond**
- *In EU*
  - **Cooperation at all levels and in-between:**
    - Within SANTE, with other DGs, globally, ...
    - Member States, EU agencies, Chief Vet Officers, Chief Medical Officers, ...
- *For SANTE*
  - **Overarching notion in our efforts**
  - **EU is only tip of the iceberg**
    - Our competencies, actions are framed by Treaty articles, subsidiarity, proportionality
- *Other actions are vital*
  - **Initiatives – implementation**
  - **EU rules and beyond**
  - **Complementary to EU**



# Human health – health in all policies

- *One of the EU Health Strategy's principles is "Health in all policies"*
- *Human health is determined to a large extent by factors outside of direct remit of health policy*
  - **a holistic response is required**
- *Art. 168 TFEU:*
  - **'a high level of human health protection shall be ensured in the definition and implementation of all EU policies and actions'**
- *Strengthening integration of health concerns*
  - **into all policies at Union and Member State levels**
- *Examples of this approach at EU level:*
  - **E.g. EU legislation on pesticides, AMR action plan**



1998-  
Communicable diseases

2001- Task force on bioterrorism  
CBRN & pandemics

2002- HEOF  
Health Emergencies Operations Facility

2004- SANCO C3 – Health Threats unit



2005  
European Centre for  
Disease Prevention and Control



December 2001

EU  
Health  
Security  
Committee  
  
(HSC)

Global  
Health  
Security  
Initiative  
  
(GHSI)



Decision 1082/2013/EU on serious cross border threats to health



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## Decision 1082/2013/EU for all threats



- Preparedness and response planning
- Joint procurement of medical counter-measures



- Epidemic surveillance for communicable diseases



- Ad-hoc monitoring for bio-toxins chemicals and environmental threats
- Early Warning and Response Systems



- Clarification of responsibility for risk assessments
- Strengthened coordination of preparedness and measures by a strong Health Security Committee
- Risk and crisis communication as part of the response

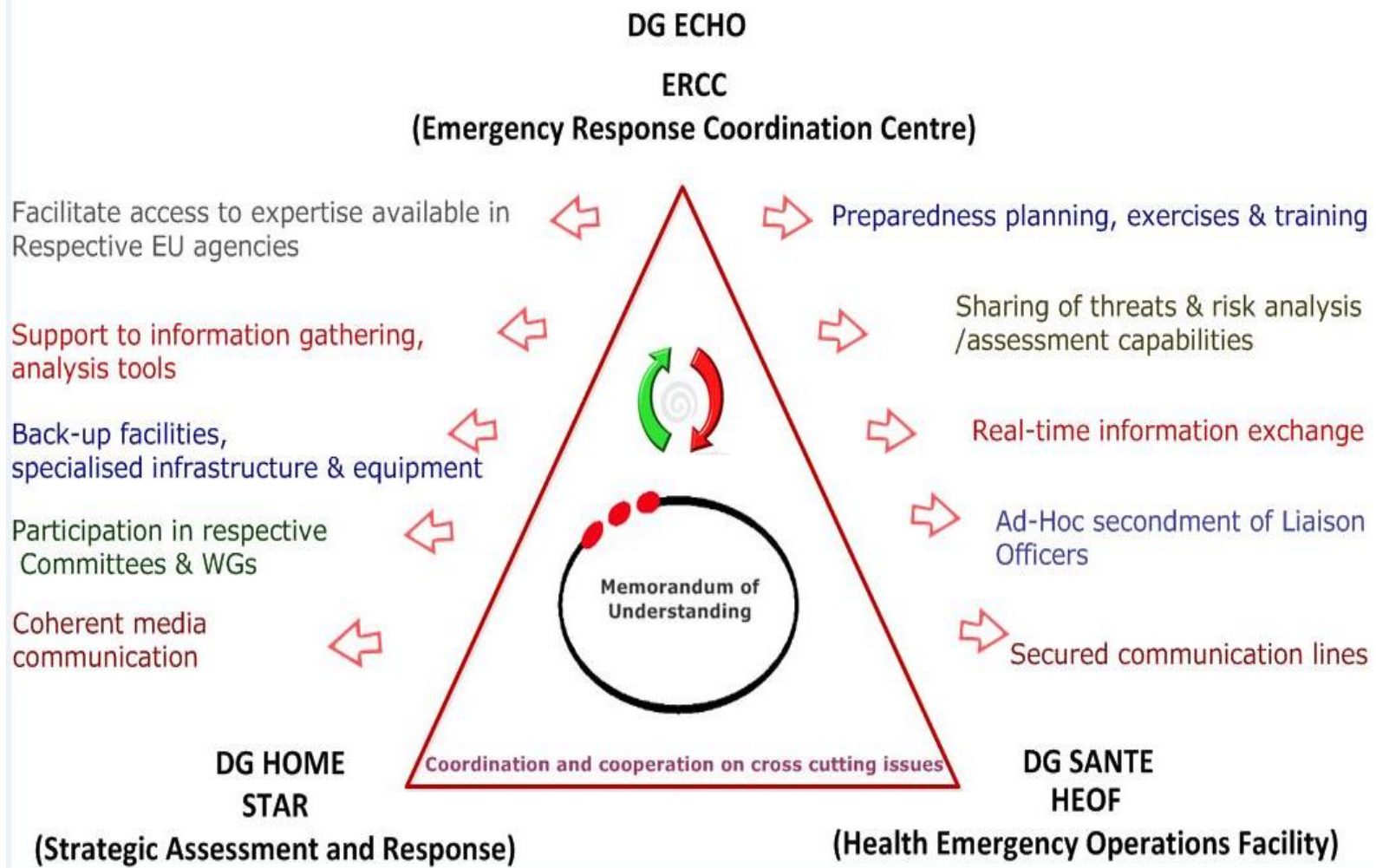


- Recognition of emergency situation



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## Collaboration with other Directorates General





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# AMR: 12 actions on 7 areas

## Human

## Veterinary

**1. Appropriate use**

**4. Prevention of infections**

**6. New antibiotics**

**9. Surveillance**

**8. International cooperation**

**11. Research & Innovation**

**12. Communication, education**

**2 & 3. Appropriate use**

**5. Prevention of infections**

**7. Need for new antibiotics**

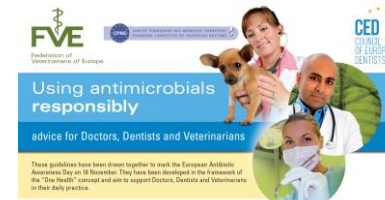
**10. Surveillance**



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# AMR actions

- *International: OIE – WHO – FAO tripartite collaboration*
- *EU-US Transatlantic Taskforce on AMR (TATFAR)*
- *ESVAC reports*
- *European Antibiotic Awareness Days*
- *EMA advice on the impact of the use of antibiotics in the veterinary sector*
- *Joint ECDC+EFSA+EMA report: consumption of ABs vs. AMR*
- *EMA/EFSA reports → RONAFA: impact of measures*
- *EU and stakeholder guidelines on prudent use of antimicrobials*

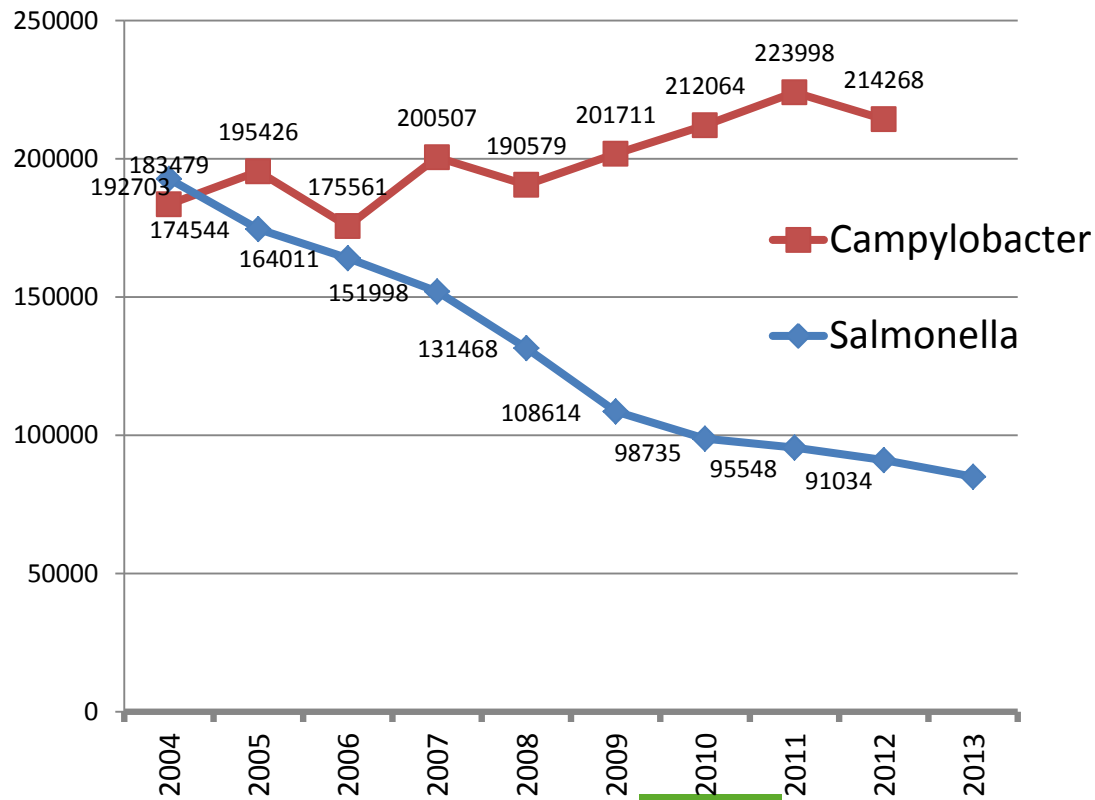






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# EU Salmonella progress



# Revision of the veterinary medicines legislation

- *Developed with needs and characteristics of the veterinary sector in mind*
- *Key: to increase availability of veterinary medicines*
- *Addresses antimicrobial resistance*
  - **New legal tools**
- *Veterinarians' key role, e.g.*
  - **Prescriptions**
  - **Selling of antimicrobials (animals under your care)**



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# Revision of the Medicated Feed (MF) legislation

- *New rules on production of medicated feed:*
  - **Old rules are from 1990: impair efficient treatment of animals and availability of MF**
  - **Proposal aligns them to principles of feed hygiene (Regulation 183/2005).**
- *Improvement of quality of medicated feed.*
  - **setting EU-wide residue limits for AMs in ordinary feed (carry-over)**
  - **use of the Code of Good Manufacturing Practices**
- *Improvement of use of medicated feed.*
  - **more restrictive rules for prescribing and handling MF with AMs**
  - **no preventive use of MF**
  - **extension of the use of medicated feed to non-food producing animals**

# Future EU Regulation on animal health

- *Created with One Health in mind*
  - **Takes into account the relationships between animal health, public health, environment, food and feed safety**
- *Criteria to list diseases for EU intervention*
  - **Contain all these aspects**
- *Better framework to handle emerging zoonoses*
- *Biosecurity and surveillance*
  - **Supports the fight against major zoonoses and AMR**
  - **More responsibility to animal keepers, vets**
  - **No change in detailed EU rules on Salmonella, zoonosis monitoring**



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## There is no health without welfare

**Nutrition**

2. Water

1. Food

12. No negative emotions

11. Human-animal  
relationship

10. Species specific  
behaviours

9. Social contacts

**Farm management**

**Zootechnics**

3. Comfort

4. To lie and move

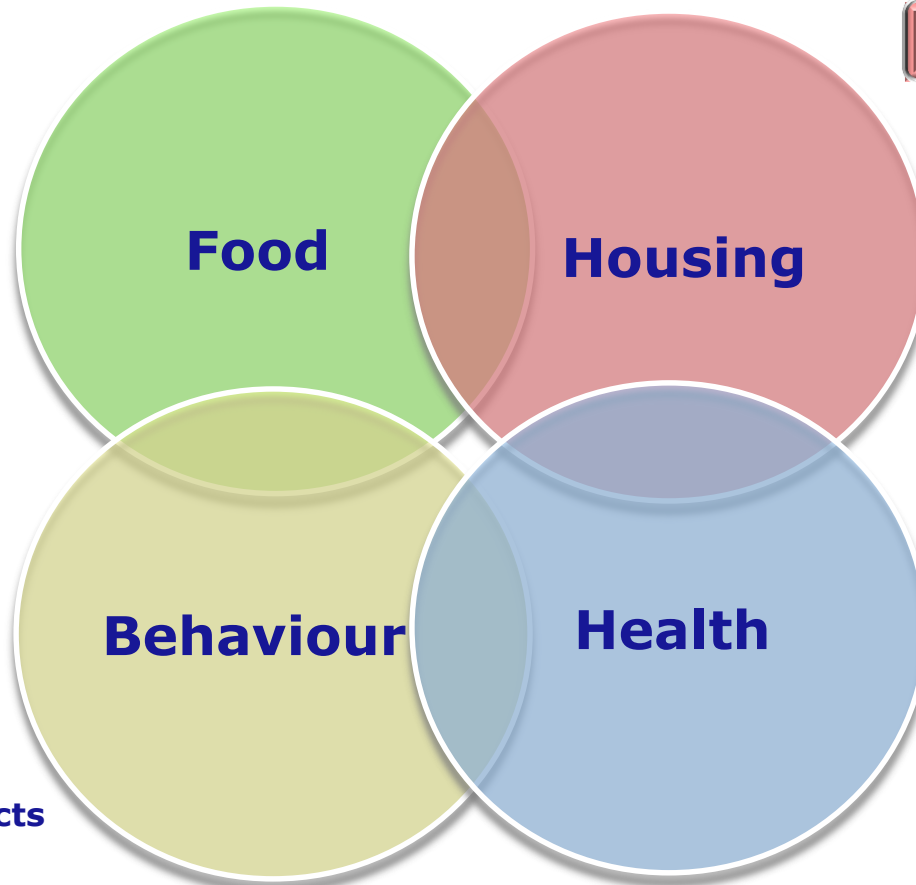
5. Not too hot not  
too cold

6. No injuries

7. No painful  
procedures

8. Hygiene and care

**Veterinary science**



Health and  
Food Safety

## Even wider...

- *Avian flu by migrating wild birds*
  - **Ornithologists, environmentalists etc.**
- *Tuberculosis in wildlife*
  - **Interface with farmed bovine animals, humans**
  - **Eradication program(s)**
- *Wild boar spreading African swine fever*
  - **Hunters, forestry people**
- *Emerging animal pathogens vs. native fauna*
  - **Frogs, salamanders decimated by fungus**

# Enhanced crisis management in food, animals and plants

- *To limit the effects on human health and avoid spread of hazards*
  - **E. coli crisis: 46 deaths; 782 HUS patients**
- *To limit the need for food re-calls, trade restrictions or other economic consequences*
  - **Loss during first two weeks: 812 mEUR,**
  - **Exports loss: 600 mEUR,**
  - **EC market support: 210 mEUR**
- *To agree on responsibilities and procedures beforehand*
- *To anticipate possible reactions of press and general public*
  - **Avian flu vs. "swine flu"**

# Evaluation in the Commission

- *Relevance*
- *Effectiveness*
- *Efficiency*
- *Coherence*
- *EU added value*
- *Data → information obligation → administrative burden?*
- [http://ec.europa.eu/smart-regulation/evaluation/index\\_en.htm](http://ec.europa.eu/smart-regulation/evaluation/index_en.htm)