



Project: Technical assistance to improve implementation of food safety standards and disease crisis preparedness

Training course: EU and OIE approach to AMR

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Date:

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CONTENT



- AMR in EU
- EU action plan
- EU priorities
- OIE and AMR



- AMR is a natural selection process that is exacerbated by human factors such as **inappropriate use of antimicrobials** in human and veterinary medicine, **poor hygiene conditions and practices** in healthcare settings or in the food chain facilitating the transmission of resistant microorganisms. Over time, this makes antimicrobials less effective and ultimately useless.
- 33,000 deaths per year in EU
- 1.5 billion per year in health care and productivity losses
- 1/3 of the population in the EU took antibiotics in 2018
- 20% of these were for cold or flu
- **AMR is a ticking bomb**
- **It is one of the greatest challenges facing mankind today**
- **It is a key priority of my mandate** (*Vytenis Andriukaitis - Commissioner for Health and Food Safety 2014-2019*)



- EU One Health Action Plan against AMR
- A Pharmaceutical strategy for Europe
- EU4Health 2021-2027 – a vision for a healthier European Union
- Farm to Fork strategy (European Green Deal)



Action plan against AMR



- The key objectives of this plan are built on 3 main pillars:
 - Making the EU a best practice region
 - Boosting research, development and innovation
 - Shaping the global agenda





- Better evidence and awareness of the challenges of AMR
- Better coordination and implementation of the EU rules to tackle AMR
- Better prevention and control of AMR
- Better addressing of the role of the environment
- A strong partnership against AMR and better availability of antimicrobials



- Improve knowledge on detection, effective infection control and surveillance
- Develop new therapeutics and alternatives
- Develop a new preventive vaccine
- Develop novel diagnostic
- Develop new economic models and incentives
- Close knowledge gaps on AMR in the environment and on how to prevent transmission



- A strong EU global presence
- Stronger bilateral partnership for stronger cooperation
- Cooperating with developing countries
- Developing a global research agenda



- Legal
- Practical
 - Surveillance
 - information
 - awareness
 - training
 - funding
 - technical support, surveillance, risk assessment
 - Partnerships and Influencing - professionals, businesses, public



- New Regulation on VMP 2019/6 (star of application in January 2022)
- Ban on preventive use of antibiotics in groups of animals
- Restriction on metaphylactic use
- Possibility to reserve certain antibiotics only for humans
- Reinforce ban for using of growth promoters
- Compulsory data collection on sale and use of antimicrobials
- Prudent and responsible use of antibiotics
- Guidelines for the prudent use of antimicrobials in human health
- Guidelines for the prudent use of antimicrobials in veterinary medicine



- Surveillance, data collection, reporting and analyses
- Designation of the national and EU referent laboratories
- Better training for safer food – one health approach focus on surveillance, human and animal health
- Funds for improvement of the farming practices
- Raising awareness (check the EU commission web page)



- Big fall in use of antibiotics for use in animals (32.5% decline in sales of antibiotics 2011-2017 in mg/pcu)
- No overall fall in use in humans (8 countries reduced)
- A rise in deaths and disability from AMR
- Increase in action at all levels



Focus on the **full implementation** of the **European One Health Action Plan against Antimicrobial Resistance** and work with our international partners to **advocate for a global agreement on the use of and access to antimicrobials.**





- Memorandum of Understanding 2018
- The Tripartite work plan on AMR
- Multi-Partner Trust Fund
- Monitoring and Evaluation of the Global Action Plan on Antimicrobial Resistance





- Monitor the type and use of antimicrobial products
- Measure trends over time
- Trace circulation and use patterns globally
- Evaluate the quality and authenticity of antimicrobial products in use



- General recommendations for controlling antimicrobial resistance
- National antimicrobial resistance surveillance and monitoring programs
- Monitoring of the quantities and usage patterns of antimicrobial agents used in food producing animals
- Responsible and prudent use of antimicrobial agents in veterinary medicine
- Risk analysis



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THANK YOU FOR YOUR ATTENTION



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