



European Union's action against antimicrobial resistance

*Martial Plantady
AMR Task Force*

Directorate General for Health and Food Safety

*Seek expert advice to use antimicrobials responsibly
FAO Regional Office for Europe and Central Asia
9 November 2017 - Budapest*



#EUAMRaction



AMR: HEALTH AND ECONOMIC COSTS

25 000 deaths

€1.5 billion economic loss

By 2050: **Economic damage** on par
with the 2008 financial crisis

Health and
Food Safety



2011-2016 EU Action Plan against the threats of AMR



Health and Food Safety



EU achievements on AMR

Animal	Human	R&D
<ul style="list-style-type: none"> • EU ban on antibiotics for growth promotion in livestock • Surveillance (AMR and consumption) • Regulatory proposal on veterinary medicines • Adopted animal health law • Harmonised monitoring in food and farmed animals • Guidelines on prudent use of antimicrobials in veterinary medicine 	<ul style="list-style-type: none"> • Strengthened surveillance on AMR and consumption of antimicrobials • Promotion of appropriate and prudent use of antimicrobials (ARNA and ARPEC project) • Strengthening infection prevention and control • Annual European Antibiotic Awareness Day 	<ul style="list-style-type: none"> • Coordinating research collaboration (JPIAMR) • 7 projects to develop antibiotics, vaccines or alternative treatments into Joint funding; EU and Pharma industry (IMI) • Establishment of pan-EU clinical trial network • Addressing new business models in antibiotic research (DRIVE-AB)

Health and Food Safety



2011-2016 EC AMR Action Plan evaluation

RECOMMENDATIONS

AMR problem persists and continued action is needed

Support and assist EU Member States as big differences still exist between them

Reinforce the One Health approach (incl. environment)

Pursue coordination and collaboration on research and innovation and boost the development of new antimicrobials, alternatives, vaccines and rapid diagnostic tests.

Enhance EU international cooperation

Health and
Food Safety



Open public consultation – Administrations, associations and other organisations



Consultation opened 27 January until 28 April 2017





Parallel consultation aimed at citizens

Objectives:

- Collect views on specific proposals under the three pillar approach
- Collect feedback from stakeholders on additional actions which could be of interest

Feedback received from 421 citizens and 163 stakeholders

Health and
Food Safety

MAKING THE EU A BEST PRACTICE REGION ON AMR

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

BOOSTING RESEARCH, DEVELOPMENT AND INNOVATION ON AMR

- New economic models & incentives
- Better detection and control measures
- New antimicrobials, rapid diagnostic tests, vaccines & alternative therapies
- AMR in the environment

SHAPING THE GLOBAL AGENDA ON AMR

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

Health and Food Safety




MAKING THE EU A BEST PRACTICE REGION ON AMR

- 1. Better evidence and awareness of the challenges of AMR**
 - Strengthen One Health surveillance and reporting of AMR and antimicrobial use
 - Benefit from the best evidence-based analysis and data
 - Increase awareness and understanding
- 2. Better coordination and implementation of EU rules to tackle AMR**
 - Improve the coordination of Member States' One Health responses to AMR
 - Better implementation of EU rules
- 3. Better prevention and control of AMR**
 - Strengthen infection prevention and control measures
 - Promote the prudent use of antimicrobials
- 4. Better addressing the role of the environment**
- 5. A stronger partnership against AMR and better availability of antimicrobials**

Health and Food Safety



BOOSTING RESEARCH, DEVELOPMENT AND INNOVATION

1. EU action on research and development

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

2. Developing a global research agenda

- Improve global coordination of research by promoting dialogue and collaboration between international research initiatives by G7 and G20 Health Ministers

Health and
Food Safety



SHAPING THE GLOBAL AGENDA

1. Stronger EU global presence

- Contribute towards WHO, OIE, FAO, and Codex Alimentarius on development of international frameworks and standards/norms/ guidelines/methodologies
- Sustain political attention and commitment to AMR action, including in the United Nations, G7 and the G20

2. Stronger bilateral partnerships for stronger cooperation

- Advocate EU standards and measures for tackling AMR in trade agreements
- Engage with major global players and strategic countries (Brazil, China, India)

3. Cooperating with developing countries

- Assist development of AMR strategies in food safety and animal health areas via regional training workshops (BTSF World)

Health and
Food Safety



EU action plan:

https://ec.europa.eu/health/amr/sites/amr/files/amr_action_plan_2017_en.pdf

10th EAAD: <https://antibiotic.ecdc.europa.eu/en>

#EUAMRaction

