



One Health Approach on AMR in the European Union

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*Workshop "Act now - Antibiotics and Antimicrobial resistance in the environment"
Brussels, 7 November 2018*



EUROPE'S FIGHT AGAINST

ANTIMICROBIAL RESISTANCE

Source: EFSA

WHAT IS ANTIMICROBIAL RESISTANCE (AMR)?

Antimicrobials?

Substances used to treat a wide variety of infectious diseases in humans and animals. They:

- kill micro-organisms
- stop micro-organisms from growing and multiplying

Example: antibiotics



Antimicrobial resistance?

The ability of micro-organisms to withstand antimicrobial treatments.

Example: MRSA (meticillin-resistant *Staphylococcus aureus*) commonly present on human skin and in mucous membranes



Why is resistance growing?

- Overuse of antibiotics
- Misuse of antibiotics
- Spread through various routes



Effect of growing resistance?

- Treatment is rendered ineffective, which poses serious risk to public health



European
Commission

2001 Community Strategy

2011-2016 EU Action Plan against the rising threats from AMR



COMMISSION OF THE EUROPEAN COMMUNITIES

Brussels, 20.06.2001
COM(2001) 333 final
VOLUME I

COMMUNICATION FROM THE COMMISSION
ON A COMMUNITY STRATEGY AGAINST ANTIMICROBIAL RESISTANCE



Directorate-General for
Health & Consumers

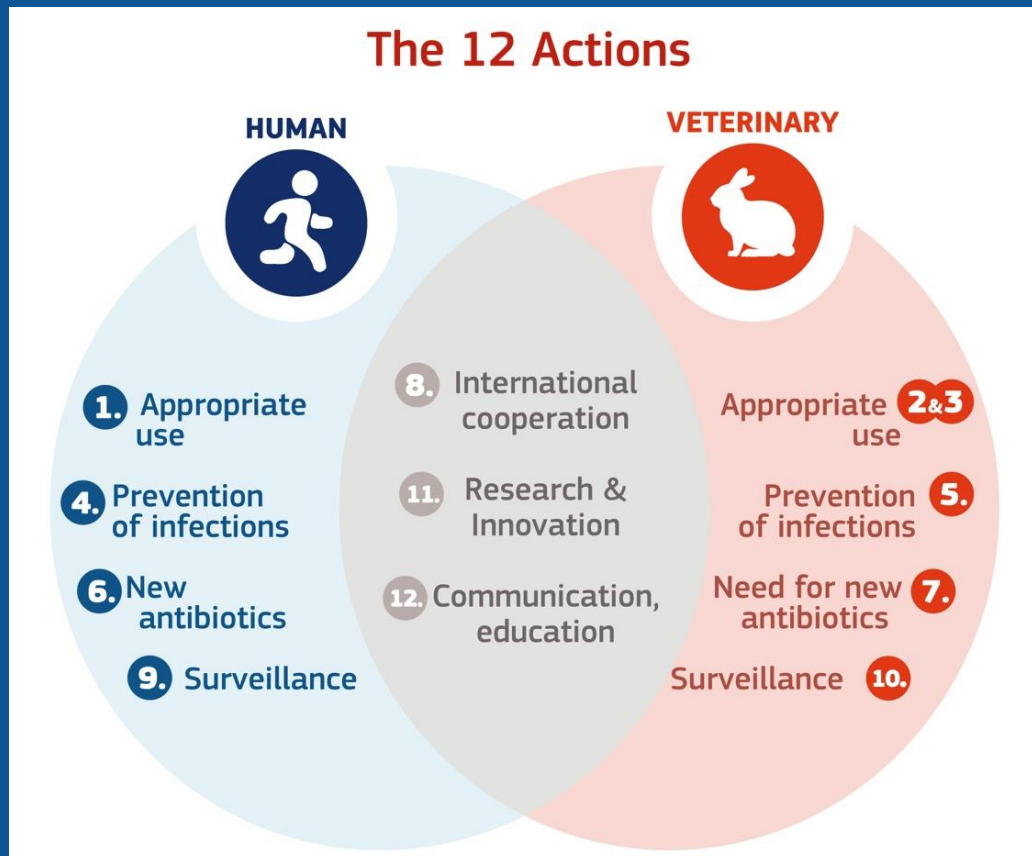
Communication from the Commission to the European Parliament and the Council

Action plan against the rising threats from Antimicrobial
Resistance

COM (2011) 748



2011-2016 EU Action Plan against the threats of AMR





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





Open public consultation – Administrations, associations and other organisations

QUESTIONNAIRE FOR ADMINISTRATIONS, ASSOCIATIONS AND OTHER ORGANISATIONS

Public Consultation on possible activities under a 'Commission Communication on a One Health Action Plan to support Member States in the fight against Antimicrobial Resistance (AMR)'

Fields marked with * are mandatory.

INTRODUCTION

QUESTIONNAIRE FOR ADMINISTRATIONS^[1], ASSOCIATIONS AND OTHER ORGANISATIONS^[2]

GENERAL CONTEXT

This questionnaire is a working document prepared by the European Commission. This consultation aims to collect the views of administrations, associations and other organisations for the 'Commission communication on a One Health action plan to support Member States in the fight against antimicrobial resistance (AMR)'. The outcome of this public consultation will provide input to the currently ongoing process on proposals for the Commission communication. It is without prejudice to the final position of the European Commission.

The consultation builds on several already completed activities including:

- The public consultation on a roadmap for a 'Commission communication on a One Health action plan to support Member States in the fight against antimicrobial resistance (AMR)', published on October 2016
- The evaluation of the European Commission's 2011-2016 action plan against the rising threats from antimicrobial resistance, published on October 2016
- The Council conclusions on the next steps under a One Health approach to combat antimicrobial resistance (10278/16) of 17 June 2016
- The Commission communication to the European Parliament and the Council on the action plan against the rising threats from antimicrobial resistance (AMR) (COM (2011) 748), published on November 2011

A SHORT INTRODUCTION ON ANTIMICROBIAL RESISTANCE

Antimicrobial resistance (AMR) describes a situation where microbes become resistant to antimicrobial medicines, making these medicines ineffective. AMR is a growing global threat and a significant societal and economic challenge. High political importance has been attached to the issue within the EU, the groups of 7 (G7) and 20 (G20) industrialised nations, the United Nations (UN) and international organisations such as the World Health Organization (WHO), the World Organisation for Animal Health (OIE) and the Food and Agriculture Organization of the United Nations (FAO). The Council conclusions of 17 June 2016 on AMR called for a reinforced EU strategy against AMR and a new and comprehensive EU action plan on AMR based on a One Health approach [3].

The European Commission's 2011-2016 action plan has been independently evaluated. The evaluation concluded that the EU can bring added value in the fight against AMR, by: 1) supporting Member States and making the EU a best practice region on AMR, 2) boosting research,

Consultation opened 27 January until 28 April 2017

Parallel consultation aimed at citizens

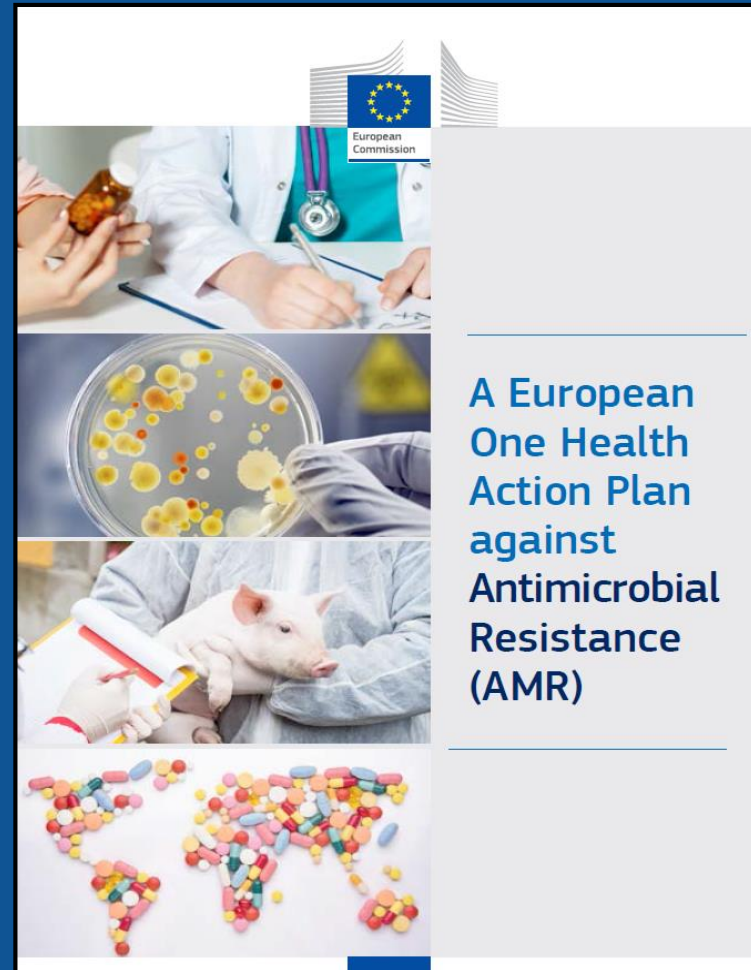
Objectives:

- 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

2017 EU AMR One Health Action Plan

- Adopted on 29 June 2017
- 9 Commission's DG involved
- 75 concrete actions with EU added value
- More synergies and coherence between different EU policies
- Support to Member State efforts





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



AMR webpage:

<https://ec.europa.eu/health/amr/>

2017 EU AMR action plan:

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

Progress report:

http://ec.europa.eu/health/amr/sites/amr/files/amr_2018-2022_actionplan_progressreport_en.pdf

AMR One Health Network:

https://ec.europa.eu/health/amr/events/ev_20180205_en





Thank you for your attention !

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