The new EC action plan against antimicrobial resistance

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#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
2011-2016 EU Action Plan against the threats of AMR

The 12 Actions

**HUMAN**
1. Appropriate use
4. Prevention of infections
6. New antibiotics
9. Surveillance

**VETERINARY**
2. Appropriate use
5. Prevention of infections
7. Need for new antibiotics
10. Surveillance

8. International cooperation
11. Research & Innovation
12. Communication, education
### EU achievements on AMR

<table>
<thead>
<tr>
<th>Animal</th>
<th>Human</th>
<th>R&amp;D</th>
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<tbody>
<tr>
<td><strong>EU ban</strong> on antibiotics for growth promotion in livestock</td>
<td>Strengthened <strong>surveillance</strong> on AMR and consumption of antimicrobials</td>
<td><strong>Coordinating</strong> research collaboration (JPIAMR)</td>
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<td><strong>Surveillance</strong> (AMR and consumption)</td>
<td>Promotion of <strong>appropriate</strong> and <strong>prudent use</strong> of antimicrobials</td>
<td><strong>7 projects</strong> to develop antibiotics, vaccines or alternative treatments into <strong>Joint funding</strong>; EU and Pharma industry (IMI)</td>
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<td><strong>Regulatory proposal</strong> on veterinary medicines</td>
<td><strong>Strengthening</strong> <strong>infection prevention and control</strong></td>
<td><strong>Establishment of pan-EU clinical trial network</strong></td>
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<td>Adopted <strong>animal health law</strong></td>
<td><strong>Annual European Antibiotic Awareness Day</strong></td>
<td><strong>Addressing new business models</strong> in antibiotic research (DRIVE-AB)</td>
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<td>Harmonised monitoring in food and farmed animals</td>
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<td><strong>Guidelines</strong> on prudent use of antimicrobials in veterinary medicine</td>
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**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
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
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
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
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
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)
Link for the action plan: