The new EC action plan against antimicrobial resistance

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AMR and Workplace learning: the case for a multi-professional approach in hospitals
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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

1. Appropriate use
2. Appropriate use
3. Prevention of infections
4. Prevention of infections
5. Prevention of infections
6. New antibiotics
7. Need for new antibiotics
8. International cooperation
9. Surveillance
10. Surveillance
11. Research & Innovation
12. Communication, education
EU achievements on AMR

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<thead>
<tr>
<th>Animal</th>
<th>Human</th>
<th>R&amp;D</th>
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<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 (ARNA and ARPEC project)</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>• Strengthening <strong>infection prevention and control</strong></td>
<td>• Establishment of pan-EU <strong>clinical trial network</strong></td>
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<td>• Adopted <strong>animal health law</strong></td>
<td>• Annual European <strong>Antibiotic Awareness Day</strong></td>
<td>• Addressing <strong>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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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

Examples of concrete EC actions that can be integrated in the multi-professional/multi-dimensional approach to fight AMR

- Guidelines for the prudent use of antimicrobials in human health
- European Antibiotic Awareness Day (EAAD)
- Joint Action on AMR and healthcare associated infections
Making the EU a best practice region on AMR

Examples of concrete EC actions that can be integrated in the multi-professional/multi-dimensional approach to fight AMR

- Supporting good practices in infection prevention and control
- Support activities jointly funded by the EU and Member States for infection prevention and control in vulnerable groups, in particular to tackle resistant TB strains
- Promote the uptake of vaccination in humans to prevent infections and subsequent use of antimicrobials
Link for the action plan: