



State of play Commission Action Plan to Combat the rising threat from Antimicrobial Resistance: activities in the human sector

**Meeting of the European Parliament Interest group
MEPs for CAM, 1 April 2014**

**DG Health and Consumers
European Commission**

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Action plan against the rising threats from antimicrobial resistance

(COM (2011) 748) – 17 Nov 2011

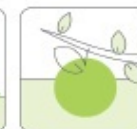
5 year action plan
Holistic approach
7 key areas
12 concrete actions

DG SANCO

Communication from the Commission to the European Parliament and the Council

Action plan against the rising threats from Antimicrobial
Resistance

COM (2011) 748

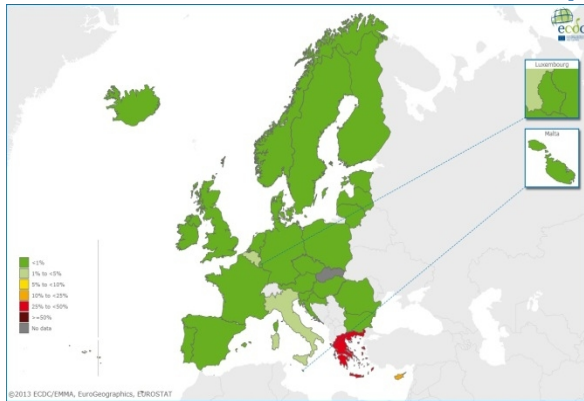


The 7 areas where action is needed

- **Appropriate use** of antimicrobials (humans and animals)
- **Prevention** microbial infections and their spread
- Development **new** effective **antimicrobials** or **alternatives** for treatment
- Improvement monitoring and **surveillance** (human and animal medicine)
- Cooperation with **international** partners to contain the risks of AMR
- Promotion **research** and innovation
- Improvement **communication**, education and training

Klebsiella pneumoniae: percentage of carbapenem-resistant infections

EU/EEA, 2009–12

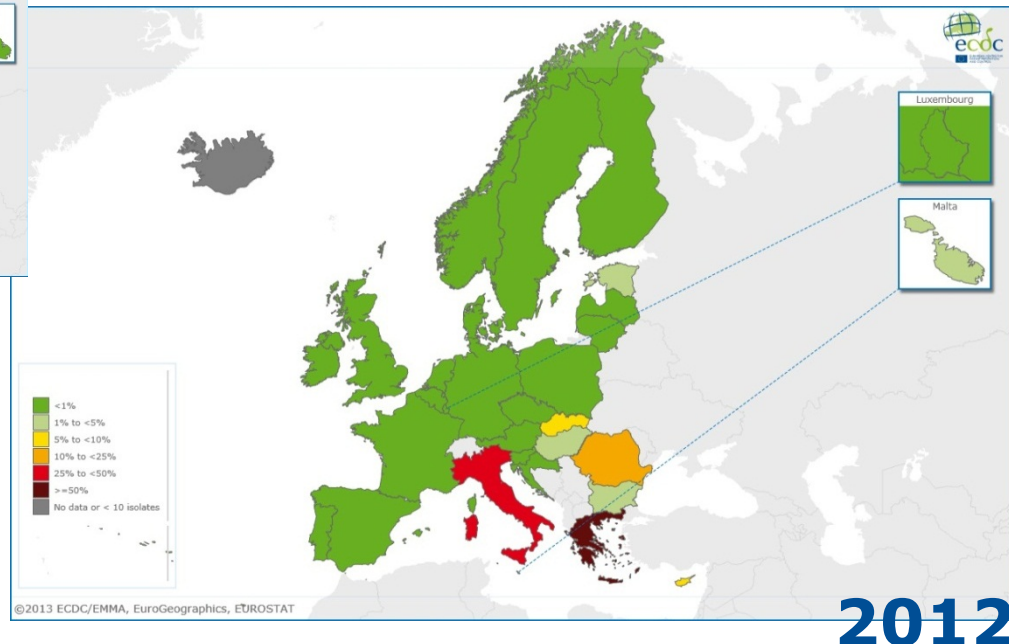


2009

Source: EARS-Net, 2013

↑ and ↓ indicate a significant increasing or decreasing trend between 2009 and 2012.

Trends were calculated with data from laboratories which consistently reported during this period.



2012

Overview: Actions relating to the Human Sector

- Action no 1: Strengthening the promotion of appropriate use of antimicrobials in human medicines in all Member States
- Action no 4: Strengthen infection prevention and control in healthcare settings
- Action no 6: Develop new effective antimicrobials or alternatives for treatment
- Action no 8: Develop and strengthen multilateral and bilateral commitments for the prevention and control of AMR in all sectors
- Action no 9: Strengthen surveillance systems on AMR and antimicrobial consumption in human medicine
- Action no 12: Communication, education and training – survey and comparative effectiveness research

Action 1: Appropriate use of antimicrobials in human medicines

1/2

- The EP and Commission decided to finance a **Preparatory action to research and document the non-prudent use of antibiotics in human medicines across Europe** (start beginning 2014)
- Objective:
 - identify key factors driving the sales and non- prudent use of antibiotics in human medicines obtained without prescription
 - assess level of enforcement of prescription only requirement
 - document best practices aimed at a more prudent use
 - recommend policy options

Action 1: Appropriate use of antimicrobials in human medicines

2/2

"Best use of medicines legislation to bring new antibiotics to patients and combat the resistance problem",
EMA conference, 8-11-2013

- Appropriate use of antibiotics is the responsibility of all actors
- Prescription only antibiotics
- Up-to-date and evidence-based product information, reference to official guidance on the appropriate use

Action 4: Prevention and control of healthcare-associated infection

- First implementation report on the Council recommendation on patient safety including healthcare associated infections – adopted 13 November 2012
http://ec.europa.eu/health/patient_safety/docs/council_2009_report_en.pdf
- Second Commission implementation report under preparation (publication mid 2014)
- ECDC point prevalence survey of **healthcare associated-infections (HAI)** and **antimicrobial use in acute care hospitals** published July 2013

Action 6: Bringing new antibiotics to patients

"Best use of medicines legislation to bring new antibiotics to patients and combat the resistance problem",
EMA conference, 8-11-2013

- Authorisation of new antibacterials
 - clarity and flexibility of regulatory framework: "fit for purpose"
 - risk-benefit vs early access
- Research and development

Action 8: International cooperation (human sector)

- WHO → bilateral contacts and joint actions/meetings
- Transatlantic Taskforce on Antimicrobial Resistance (TATFAR)
 - Progress report (April 2014)
- Bilateral collaboration with other countries:
 - China → Human/veterinarian symposia March 2013
 - DG-Sanco- Russian Federation subgroup on communicable diseases

Action 9: Strengthen surveillance systems on AMR and antimicrobial consumption in human medicine

- Sustainability of the European Surveillance system of Antimicrobial Consumption (ESAC) ensured (transfer of ESAC to ECDC completed – ESAC-net)
- 1st ESAC-net Report published
- 2nd ESAC-net Report (to be published early 2014)
- Addressing the lack of data on AMR and antimicrobial consumption in children: dedicated EU project (ARPEC) on-going (about to be finalised)

Action 12: Communication

- European Antimicrobial Awareness Day (EAAD)
 - Holistic approach: participation of Fédération Vétérinaires Européens (FVE) and Standing Committee of European Doctors (CPME)
 - Nearly 1,000,000 impressions on Twitter
 - Lightbulb video on Euronews → 9,405,000 people reached
- European Antimicrobial Awareness Day 2013 ECDC stakeholder event 15 November 2013
 - Overall theme: "Everyone's responsible"
 - Over 40 countries participating, growing into a global event

Action 12: Communication

- 2nd Eurobarometer Survey on AMR (published 15 Nov 2013)
 - designed to allow indication of trends in comparison to the 2009 last survey
 - shows a modest positive evolution in EU citizens' use of and knowledge about antibiotics, since the last survey in 2009.
 - 35% of respondents say they have taken antibiotics in the past year (a 5% decrease since the 2009 survey).
 - 2% fewer people took antibiotics for the flu in 2013 compared with 2009: 18% vs. 20%.

In 2013 more people are aware that antibiotics do not kill viruses than in 2009: 40% vs. 36%.

Main Challenges

- Improve the prudent use of antibiotics (including reduction of over the counter sales)
- Infection prevention and healthcare settings
- Incentives for new antibiotics – new business model

Thank you

