



Joint Action
Antimicrobial Resistance and
Healthcare-Associated Infections



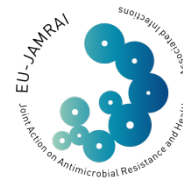
Co-funded by the
Health Programme
of the European Union

Joint Action on Antimicrobial Resistance and Healthcare-associated Infections (EU-JAMRAI)

European Patients' Rights Day
18th November 2020

Prof. Dr. Céline PULCINI
EU-JAMRAI Coordination team / French Ministry of Health

EU-JAMRAI: The place to be to tackle AMR !



To tackle AMR



Stop working *in silos*

EU-JAMRAI

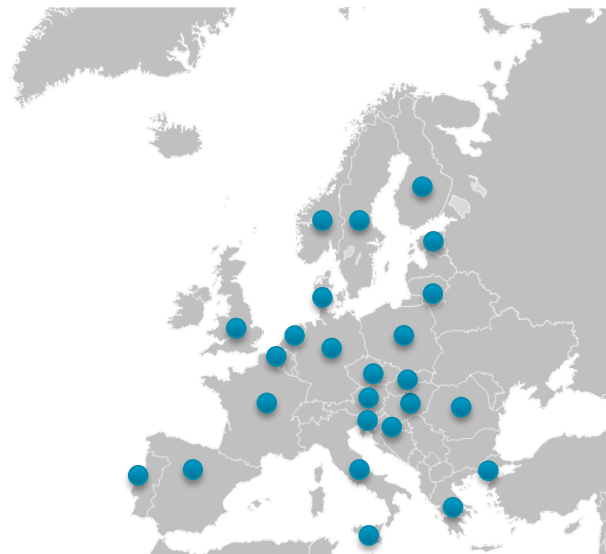
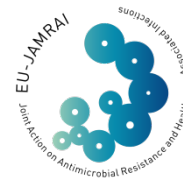
A unique place
gathering MS
and all
stakeholders



www.eu-jamrai.eu

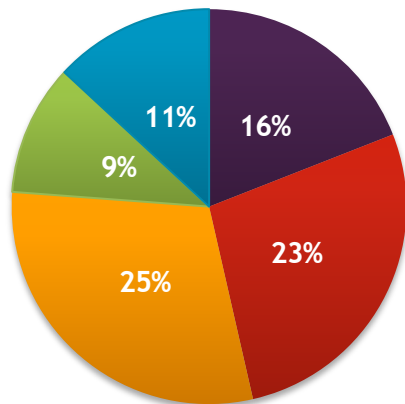
Europe fostering synergies to keep antibiotics working

All key actors working together to fight AMR and reduce HCAI



26 countries

44 participating partners



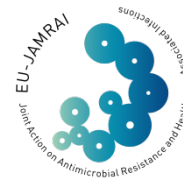
- University / Academic / Institutions
- Government / Member
- Public Health Institute
- Hospital
- Public Agency

40 international stakeholders

- International organisations
- Civil society
- Industry
- Professionals from human and animal sectors



Bridging the gap between declarations and action



YESTERDAY

--- Strategic ---

DECLARATIONS

&

----- Strong -----

Political Will

EU-JAMRAI



*Healthcare
professional*



*Hospital/
veterinary
clinic*



Patient

TOMORROW

-- Implement --
CONCRETE ACTIONS
at **Operational Level**



**Reduction of
AMR Burden**



*Animal
health*



Environment

EU-JAMRAI results & actions

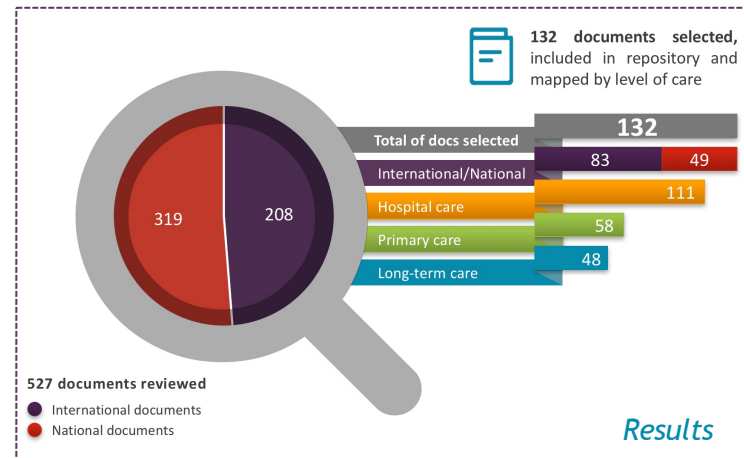
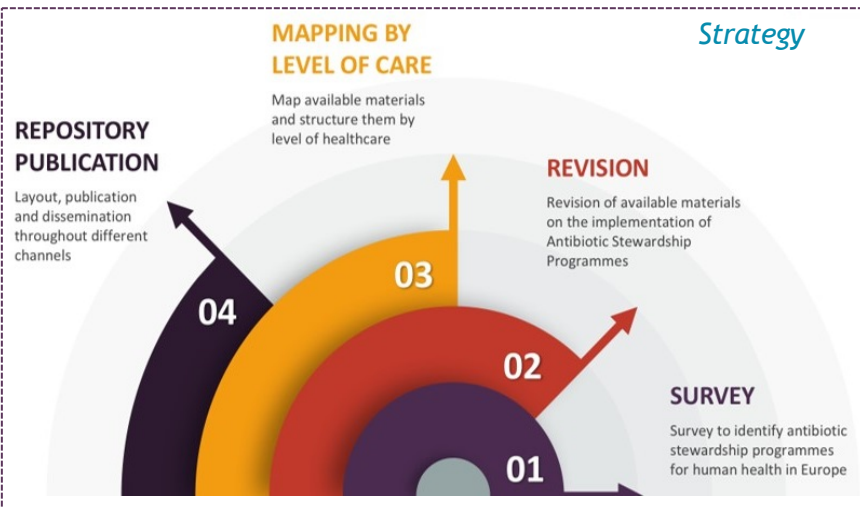
September 2017 - February 2021

1- Antibiotic stewardship in humans & animals

Human health

OBJECTIVE: Repository of tools

Strategy



Outcomes



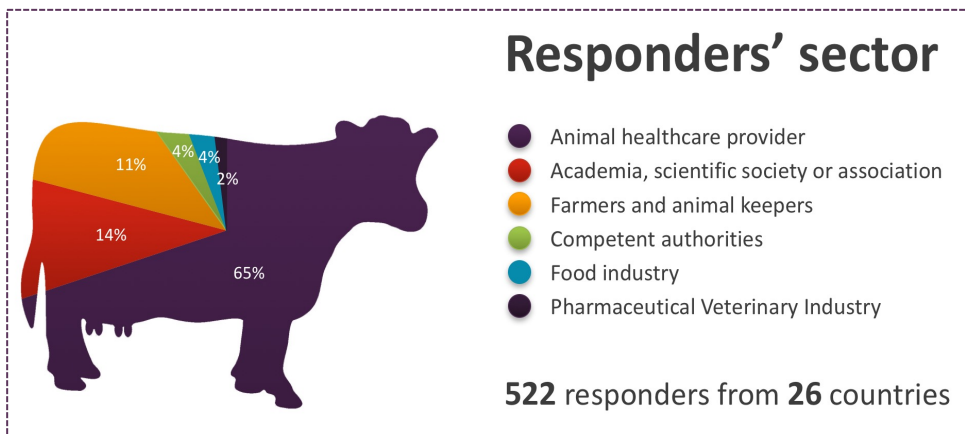
Guidelines, tools and implementation methods for antibiotic stewardship

1- Antibiotic stewardship in humans & animals

Animal health

OBJECTIVE: Identify core components of antibiotic stewardship programmes

Strategy: Survey



Results

3 most *USEFUL* tools to reduce ATB consumption in animals:

Guidelines and/or recommendations

A clear action plan

Improvements in biosecurity

3 most *NEEDED* tools:

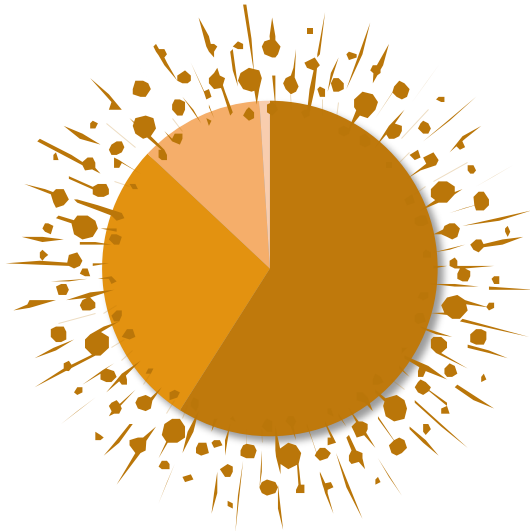
Good practice guidelines

Training

Prescription guidelines

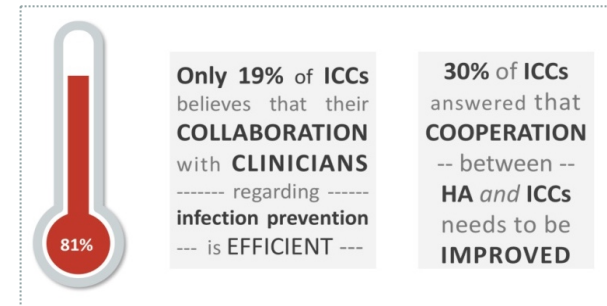
2- Improving Infection Prevention and Control

- Survey to identify gaps in Infection Prevention and Control programmes

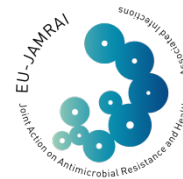


> 2,600 responders
from 8 countries

- Healthcare Workers (59%)
- Infection Control Committees (28%)
- Hospital Administrators (12%)
- Public Health Authorities (1%)



2- Improving Infection Prevention and Control



- Tools to improve Infection Prevention and Control practices

2 pilot studies

Implementation of a Universal
Infection Control Framework

22 pilot wards

5 countries

Top-down approach

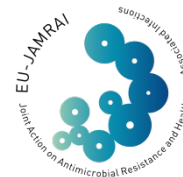
Implementation of guidelines for prevention of
Catheter-associated Urinary Tract Infections

30 pilot wards

8 countries

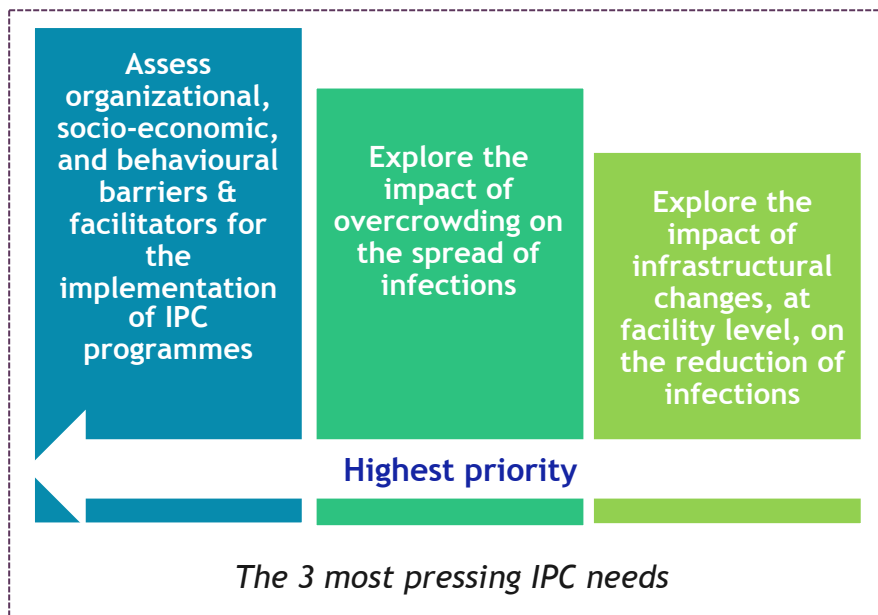
Bottom-up approach

2- Improving Infection Prevention and Control



- List of research priorities for Infection Prevention and Control

16 research priorities validated by IPC experts



Publication in peer-reviewed journal

Antimicrobial Resistance
and Infection Control

RESEARCH

Open Access

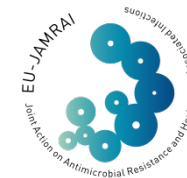
Infection prevention and control research priorities: what do we need to combat healthcare-associated infections and antimicrobial resistance? Results of a narrative literature review and survey analysis

Yohann Lacotte^{1*}, Christine Årdal², Marie-Cécile Ploy¹ and on behalf of the European Union Joint Action on Antimicrobial Resistance and Healthcare-Associated Infections (EU-JAMRAI)

+ Policy brief in development



3- Strengthen national and European responses to AMR



6 STEPS to strengthen One Health national strategies and National Action Plans (NAPs)



MAPPING OF NAPs



COUNTRY-TO-COUNTRY PEER REVIEW SYSTEM



SELF-ASSESSMENT TOOL

Tool to monitor country progress
and identify gaps



13 COUNTRY-TO-COUNTRY VISITS



SELF-ASSESSMENT PERFORMANCE

SWOT analysis



SUPERVISORY BODIES NETWORK

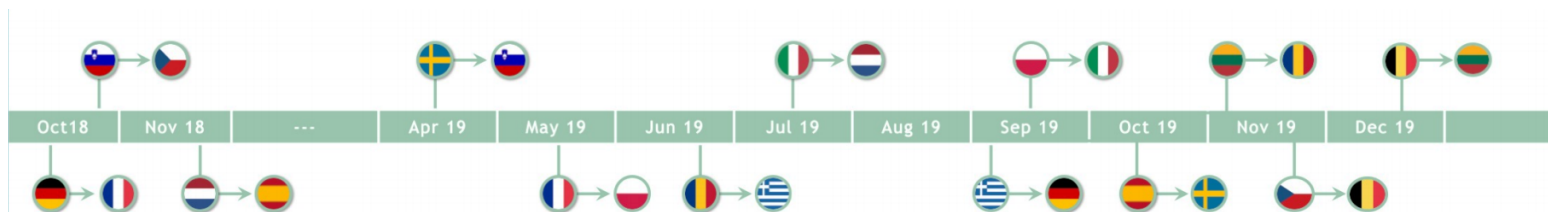
Strengthen supervision, inspection
and law enforcement in the EU MS

13 COUNTRY-TO-COUNTRY VISITS

Objectives

To **evaluate** each other's AMR NAPs

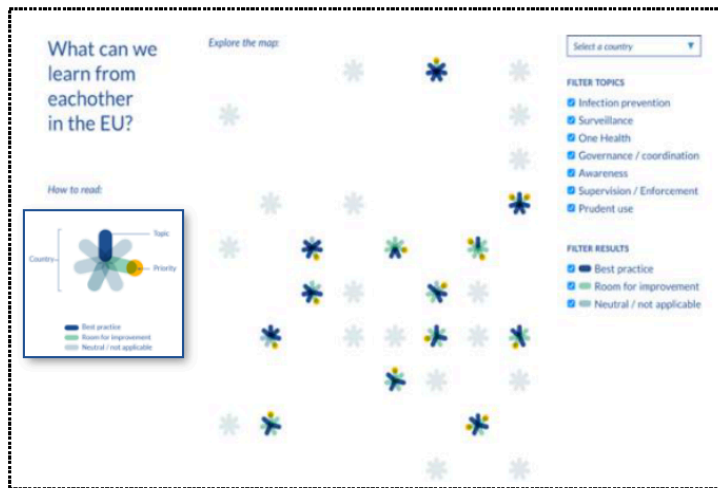
To **exchange** best practices





3- Strengthen national and European responses to AMR

- Interactive infographic presenting strengths and weaknesses of each country to foster exchange of best practices

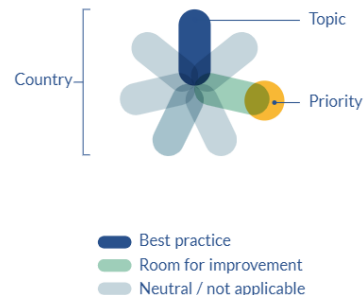


Country-to-country visits interactive tool

European Union One Health Country Visits as Driver to Work on AMR

European countries set up a country-to-country peer review system. Country visits function as a moment to exchange best practices and provide an outsiders point of view. In total, 13 country-to-country visits took place in 2018/2019. This infographic presents the most relevant topic(s) to address for each country.

[Continue](#)





4- Incentivize R&D for antibiotics and diagnostic tools

- Country visits to discuss the willingness and challenges to invest in incentives



What kind of incentives countries want?

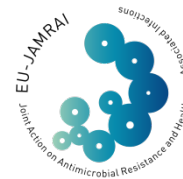
- European solutions
- Should secure both access to old and new antibiotics
- Drug pricing and reimbursement mechanisms must remain national prerogatives
- Industry should help financing incentives



Suggestion of incentives mechanisms in peer-reviewed journals and policy brief



5- Improve surveillance in humans and animals



- Implementation of 2 surveillance pilots

Human health

Near real-time surveillance system
on antibiotic use and resistance

Quarterly based
20 institutions enrolled
10 countries

Animal health

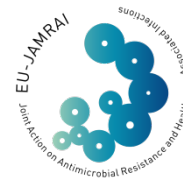
European Antimicrobial Resistance Surveillance
network in Veterinary medicine (EARS-Vet)

Diseased animals
20 institutions enrolled
10 countries

Complementary with existing surveillance programmes



6- Increase awareness on AMR



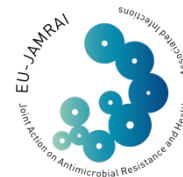
- Active communication campaign

Look forward to
**Laura Alonso Irujo presentation
tomorrow** for more insights on
the EU-JAMRAI communication
strategy





6- Increase awareness on AMR

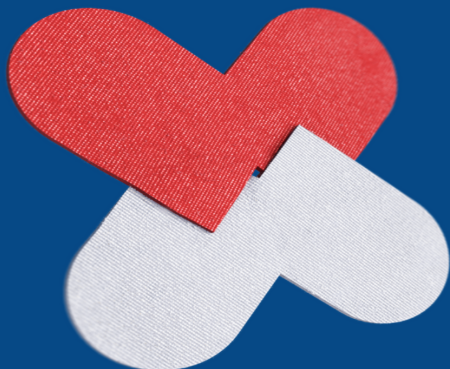


Members area



Joint Action
Antimicrobial Resistance and
Healthcare-Associated Infections

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ANTIBIOTIC
RESISTANCE
SYMBOL

EU-JAMRAI called to action individuals from all over the world and organised a design contest to find the first global symbol that represents the threat of antibiotic

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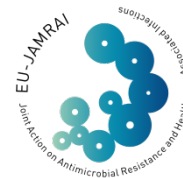


7- Sustainability of EU-JAMRAI actions

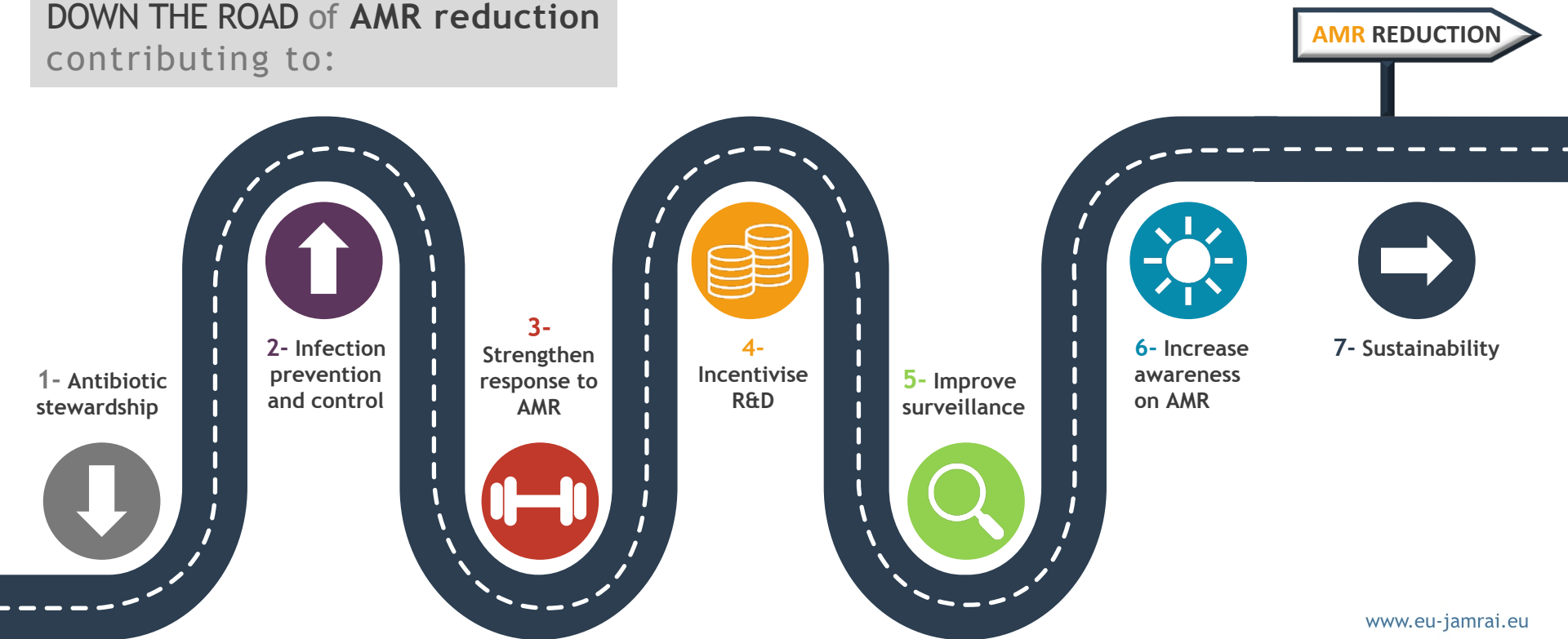


- Participation of many **stakeholders**
- Several **policy briefs** will be produced
- Regular updates of **Member States**

Take-home messages



EU-JAMRAI is a small step forward
DOWN THE ROAD of **AMR reduction**
contributing to:



Take-home messages



Thank you

celine.pulcini@sante.gouv.fr

Ministry of Health, France

www.eu-jamrai.eu



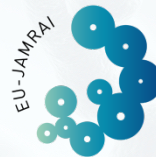
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Antimicrobial Resistance and
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