

EU-JAMRAI's key documents

Please feel free to pick the relevant documents produced by the EU-JAMRAI that you want to host on your websites. This would be an efficient way to raise awareness among your audience and ensure sustainability of the EU-JAMRAI's work. The documents may be deleted once they become outdated.

Key document	Brief description	One health scope and Target audience	Current weblink on the JAMRAI website and other relevant websites+ size	Based on
Dissemination report (WP2)	A report that includes a visual summary of all the dissemination tools and activities developed to give visibility to the progress and the results of the Joint Action.	ONE HEALTH Member states, stakeholders and EU Commission	URL: https://eu-jamrai.eu/wp-content/uploads/2020/08/EUjamrai_DisseminationReport_Sept2017-August2020_WP2_AEMPS_2020.08.31_.pdf (to be updated at M42)	Task 2.1 “Design of a dissemination plan”. Task 2.5 “Implement the Dissemination Plan”. Council Conclusions on the next steps towards making the EU a best practice region in combatting antimicrobial resistance (14 June 2019) - conclusion n° 41.
Policy Brief - The need to develop indicators and targets for AMR action plans in the EU (WP4)	Policy brief discussing the need to establish indicators and targets to monitor the progress of the EU Action Plan against AMR and to support Member States with the monitoring of their national action plans, with a One Health perspective.	HUMAN AND ANIMAL HEALTH EC Policymakers	Ready Pdf 571 Ko	MS4.1 Survey of MS and SH priorities. Council Conclusions on the next steps towards making the EU a best practice region in combatting antimicrobial resistance (14 June 2019) - conclusions n° 33,42.
Policy Brief -The need to develop core elements at the European level on antimicrobial stewardship (AMS) and infection prevention and control (IPC) (WP4)	Policy brief discussing the need to develop core elements on AMS and IPC, implementable at national and facility levels, both in human and animal health	HUMAN AND ANIMAL HEALTH EC Policymakers Funders Relevant stakeholders	Ready 227 Ko	MS4.1 Survey of MS and SH priorities. Council Conclusions on the next steps towards making the EU a best practice region in combatting antimicrobial resistance (14 June 2019) - conclusions n° 36,37.

<p>Self-assessment tool: questions in preparation of country-to-country assessments (WP5)</p>	<p>The document presents the self-assessment tool that aims to provide information to be used for the country-to-country assessment.</p>	<p>HUMAN HEALTH Member states</p>	<p>URL: Not available yet Pdf: 225 Ko</p>	<p>D5.1 Tool for country self-assessments. Council Conclusions on the next steps towards making the EU a best practice region in combatting antimicrobial resistance (14 June 2019) - conclusion n°35.</p>
<p>Task 5.2: Country-to-country assessments (WP5)</p>	<p>The documents present the performance of the country-to country assessments. These assessments allow representative of one or several WP5 participating countries to evaluate each other's national action plans and One Health strategies, reflect about policy options and provide recommendations to support countries on the development and implementation of the NAP and the measures taken.</p>	<p>ONE HEALTH Member states</p>	<p>URL: Not available yet Pdf: 106Ko</p>	<p>D5.1 Tool for country self-assessments. Council Conclusions on the next steps towards making the EU a best practice region in combatting antimicrobial resistance (14 June 2019) - n° 35.</p>
<p>Report of implementation of guidelines for HAI prevention using an implementation model (WP6.2)</p>	<p>Results and experiences of structured quality improvement work to prevent CAUTI, in hospital wards, using an evidence based model for improvement with a bottom up approach.</p>	<p>Relevant JAMRAI SH</p>	<p>D6.4.: https://eu-jamrai.eu/wp-content/uploads/2020/10/EUjamrai_D6.4_Updated_report_on_experience-from...implementation_model_WP6.2_2020.07.24.pdf Pdf: 2130 Ko D6.5: https://eu-jamrai.eu/wp-content/uploads/2020/10/EUjamrai_D6.5_Experience...non-EU...implementation_model_WP6.2_FOHM_2020.08.12.pdf Pdf:2079 Ko</p>	<p>D6.4: Updated report on experience from country teams of introducing and working with the implementation model. D6.5: Experience from non-EU country teams of introducing implementation model.</p>
<p>Policy Brief - Structured quality improvement on HAI prevention (WP6.2)</p>	<p>Results and experiences of structured quality improvement work to prevent CAUTI in hospital wards, using an evidence based model for improvement with a bottom up approach.</p>	<p>EC Healthcare professionals Relevant Stakeholders</p>	<p>Under development</p>	



<p>JAMRAI tool on antibiotic use and resistance (report) (WP7)</p>	<p>A pilot study has been performed along the course of the joint action with the objective to gather real-time data on antimicrobial use and resistance. There were selected a series of indicators based on PIRASOA (an Institutional Program for the prevention and control of Healthcare Associated Infections and Appropriate Use of Antimicrobials in Andalusia, Spain). 20 partners from 10 countries enrolled the study reinforcing their surveillance systems by providing data in a quarterly basis, from hospitals and/or primary care at a regional or national scope. During this European proof of concept there have been many lessons learnt, they will be detailed in the report that will be delivered by the end of the JA accompanied with tools and guidelines (data collection sheets + start up guidelines).</p>	<p>HUMAN HEALTH</p>	<p>D7.4: under development</p>	<p>D7.4 Surveillance of antimicrobial use and resistance in human health. Results of the pilot study.</p> <p>MS7.4 Progress check surveillance system.</p> <p>Council Conclusions on the next steps towards making the EU a best practice region in combatting antimicrobial resistance (14 June 2019) - conclusions n° 36, 42.</p>
<p>A repository of guidelines, tools and implementation methods for antibiotic stewardship (WP7)</p>	<p>This is a structured collection of existing materials on antibiotic stewardship in human health for different levels of health care: hospital, long-term care facility and community setting. This repository of information can help professionals on this topic to develop their projects and learn from others experiences.</p>	<p>HUMAN HEALTH Healthcare professionals</p>	<p>Task 7.1: https://eu-jamrai.eu/repository-stewardship-human-health/</p>	<p>Task 7.1. Identify and review existing guidelines, tools and importantly, implementation methods for antibiotic stewardship by level-of-care (hospital, long-term care facility and community setting).</p>
<p>Report on the workshop on implementation of antimicrobial stewardship (WP7)</p>	<p>A workshop including 22 participants was organised with the aim of exchanging experiences and discussing and identifying important factors for successful antimicrobial stewardship implementation. The report presents the participants' recommendations for future steps regarding antimicrobial stewardship in human health.</p>	<p>HUMAN HEALTH Healthcare professionals</p>	<p>D7.2: https://eu-jamrai.eu/wp-content/uploads/2020/02/EUjamrai_D7.2_Report-workshop-implementation-antimicrobial-stewardship_WP7_FHI-AEMPS_2019.02.28.pdf</p> <p>9254 Ko</p>	<p>Task 7.1. Identify and review existing guidelines, tools and importantly, implementation methods for antibiotic stewardship by level-of-care (hospital, long-term care facility and community setting).</p> <p>Task 7.2. Workshop involving all the registered partners to discuss models of implementation.</p>

<p>Qualitative evaluation of antimicrobial stewardship implementation (WP7)</p>	<p>A qualitative study was conducted on attitudes towards core elements of antimicrobial stewardship programs, and identification of success stories and barriers of stewardship implementation at different levels of healthcare in eight different European countries (the number of participating will depend on the Covid-19 situation). The study could be helpful in reviewing national efforts, improving organization, knowledge and implementation of antimicrobial stewardship and could lead to increased national awareness about this topic. The final report is based on the results from the participating countries and will give insight about differences and similarities in antimicrobial stewardship implementation based in qualitative data.</p>	<p>HUMAN HEALTH Healthcare professionals</p>	<p>D7.3 : Under development</p>	<p>Task 7.1. Identify and review existing guidelines, tools and importantly, implementation methods for antibiotic stewardship by level-of-care (hospital, long-term care facility and community setting).</p> <p>Task 7.2. Workshop involving all the registered partners to discuss models of implementation.</p> <p>Task 7.3. Qualitative evaluation of professionals' attitudes towards core elements of antimicrobial stewardship and the identification of success stories and barriers of stewardship implementation at different levels of healthcare.</p>
<p>Assessment of the level of implementation and acceptance of stewardship programmes in veterinarian health (WP7)</p>	<p>An electronic questionnaire was disseminated through partners and stakeholders of the European Joint Action EU-JAMRAI. The aim of this activity was to identify the core components needed for implementation, that can be used by member states when planning their own stewardship programmes.</p>	<p>ANIMAL HEALTH Member states and EU Commission policy makers</p>	<p>Task 7.3.2: Under development</p>	<p>Task 7.3. Qualitative evaluation of professionals' attitudes towards core elements of antimicrobial stewardship and the identification of success stories and barriers of stewardship implementation at different levels of healthcare.</p>
<p>Report on design, roadmap and feasibility of an integrated surveillance network of antimicrobial resistance in bacteria from diseased animals in Europe (WP7)</p>	<p>This report identified gaps in the current European strategy for AMR surveillance in the animal sector, especially in veterinary medicine (i.e. in diseased animals). To improve the current state of play, an initiative was launched to develop a European Antimicrobial Resistance Surveillance network in Veterinary medicine (EARS-Vet), as a network of national surveillance systems. In a bottom-up and One Health approach, existing AMR</p>	<p>ANIMAL HEALTH Member states and EU Commission policy makers</p>	<p>D7.5: under development</p>	<p>D7.5 Surveillance of antimicrobial resistance in bacteria from diseased animals.</p> <p>Council Conclusions on the next steps towards making the EU a best practice region in combatting antimicrobial resistance (14 June 2019) - conclusions n° 36, 42.</p>



	<p>surveillance systems in diseased animals were reviewed, described and analysed. Based on this information, expert consensus meetings led to the development of an EARS-Vet surveillance framework and the building of a preliminary network of national surveillance systems in Europe.</p>			
<p>Policy Brief - Surveillance of AMR in diseased animals (WP7)</p>	<p>Policy brief that calls on MS and EC to ensure political to launch EARS-Vet, namely an integrated and sustainable surveillance network of antimicrobial resistance in bacteria from diseased animals in Europe</p>	<p>ANIMAL HEALTH EC</p>	<p>Ready Pdf 171 ko</p>	
<p>Policy brief - Appropriate use of antibiotics in a One Health perspective- A holistic approach including targeted implementation strategies and time- appropriate surveillance in human and animal health (WP7)</p>	<p>This policy brief presents a summary of the activities of WP7, providing important knowledge and efficient tools to already identified gaps in implementation of antimicrobial stewardship and surveillance of AMR/antimicrobial use in both human and animal health. The aim of the policy brief is to encourage policymakers to prioritize antimicrobial stewardship and surveillance of AMR/antimicrobial use in a One Health perspective.</p>	<p>HUMAN HEALTH ANIMAL HEALTH EC Policymakers Relevant stakeholders</p>	<p>Ready Pdf 148kB</p>	

<p>A toolkit for awareness raising and behaviour change communication on AMR (WP8)</p>	<p>Technical guide presenting tips for optimal Communication and Awareness activities (including social media), based on the WP8 outputs. The main objective of this guide is to offer EU-JAMRAI partners, stakeholders and EU Member States the results of the communication key activities developed during the JA including learnt lessons and recommendations. With this practical road map, all interested parts will be able to scale up, replicate and adapt to their local needs the activities tested by EU-JAMRAI during its 3 years of implementation.</p>	<p>ONE HEALTH</p> <p>EU-JAMRAI partners EU-JAMRAI stakeholders EU Member States</p>	<p>https://eu-jamrai.eu/raising-awareness-on-amr-toolkit-for-awareness-raising-and-behaviour-change-communication-on-AMR</p> <p>(To be uploaded when released at M42)</p>	<p>D8.1 Awareness and Communication Plan: “A Social Behaviour Change Communication strategy to tackle AMR and reduce HCAs in Europe”.</p> <p>Awareness raising activities reports prepared to analyse the results of the activities implemented during the JA.</p> <p>Council Conclusions on the next steps towards making the EU a best practice region in combatting antimicrobial resistance (14 June 2019) - conclusion n° 41.</p>
<p>AMR/HCAI webinar for journalists with a One Health approach (WP8)</p>	<p>An online training opportunity for general media and health-specialized journalists with clear and accurate scientific information from senior tutors with long experience in the fight against Antimicrobial Resistance (AMR) and Healthcare-Associated Infections (HCAI) and up-to-date information on the ways in which Europe is facing this important global health challenge. The speakers, representatives from EU-JAMRAI, ECDC and FAO, covered the following topics:</p> <ul style="list-style-type: none"> • The global challenge of AMR and HCAI: Major drivers. • Roadmap against AMR: International initiatives. • Best practices: Human health. • Best practices: Animal health. • Awareness raising and behaviour change 	<p>ONE HEALTH</p> <p>General media Health-specialized journalists Communication departments of health authorities</p>	<p>Webinar: https://eu-jamrai.eu/raising-awareness-on-amr-advocacy/</p> <p>Report: https://eu-jamrai.eu/wp-content/uploads/2020/02/EUjamrai_Report-AMR-webinar-for-journalists_WP8_AEMPS_2019.04.02.pdf</p>	<p>Report on the AMR Webinar for Journalists.</p> <p>Council Conclusions on the next steps towards making the EU a best practice region in combatting antimicrobial resistance (14 June 2019) - conclusion n° 41.</p>

<p>Online game app for school and high school students: Micro-Combat (WP8)</p>	<p>Given the complexity of introducing antibiotic resistance in the curricular program of schools and high schools, EU-JAMRAI decided to develop an online game app to facilitate that the subject is treated by teachers and students during school hours with accurate information and in a fun way.</p> <p>Enhancing the importance of the appropriate use of antibiotics promotes individual behaviour change among the youngest audiences. Players become familiar with different types of pathogens (bacteria, viruses, fungi and protozoa), multiple routes of transmission, different infectious diseases, the specificity of drugs to combat them and the phenomenon of pathogen resistance to these drugs.</p> <p>This app, available in 16 languages, will also be used to advocate for the inclusion of the antimicrobial resistance subject in science educational curricula to achieve social transformation through individual behaviour change.</p>	<p>ONE HEALTH</p> <p>Primary target audiences:</p> <ul style="list-style-type: none"> – School and high school students. – School and high school teachers. <p>Secondary target audiences:</p> <ul style="list-style-type: none"> – EU level and national level education authorities. 	<p>https://eu-jamrai.eu/microcombat</p> <p>Report: EUjamrai_D8.3.European_competition_MicroCombatAPP_WP8.pdf (the final version will be uploaded to the results section of the website)</p> <p>D8.3 Pdf: 7882 Ko</p>	<p>D8.1 Awareness and Communication Plan: “A Social Behaviour Change Communication strategy to tackle AMR and reduce HCAs in Europe”.</p> <p>Report on the online game App Micro Combat.</p> <p>The card game Micro-Combat developed by ISGlobal Research Institute and endorsed by the ECDC.</p>
<p>Antibiotic resistance symbol (WP8)</p>	<p>A contest was launched to create the symbol that best represents the fight against AMR. The symbol thus created will be recognized as the symbol of the global threat of antibiotic resistance.</p>	<p>ONE HEALTH</p> <p>Global general audience Healthcare professionals for the human and animal sectors</p>	<p>Description of the contest: https://eu-jamrai.eu/symbol-contest/</p> <p>D8.4: M34 Winning symbol and promotional materials: https://eu-jamrai.eu/antibiotic-resistance-symbol</p> <p>Report: EUjamrai_Report_D8.2.ARSymbolContest_WP8.pdf (the final version</p>	<p>D8.2 European Prize - AMR Symbol.</p> <p>Report on the Antibiotic Resistance Symbol Contest.</p> <p>Communication materials to promote the winning symbol.</p>

			will be uploaded to the results section of the website)	
Publication in a scientific journal entitled “Infection prevention and control research priorities to combat antimicrobial resistance and healthcare-associated infections” (WP9)	This publication follows the previous mapping exercise (MS9.1) and aims at filling one of the existing research gaps in Europe. By formulating 16 research priorities, validated by experts from the field, the EU-JAMRAI expects to raise awareness on the most urgent needs in the infection prevention/control field.	HUMAN HEALTH Scientific audience	URL : https://aricjournal.biomedcentral.com/track/pdf/10.1186/s13756-020-00801-x	MS9.1 Gathering of national research priorities from at least five countries and gap identification. Council Conclusions on the next steps towards making the EU a best practice region in combatting antimicrobial resistance (14 June 2019) - conclusion n° 44
Milestone 9.1 “Gathering of national research priorities from at least five countries and gap identification” (WP9)	This report explains how the national research priorities of seven European countries were collected and analysed to highlight research areas not sufficiently present in European research programmes and not developed enough in European research agendas. Four research gaps were identified through this work.	HUMAN HEALTH Policymakers Funders Researchers Relevant stakeholder (JPI AMR, AMR-Hub)	MS9.1: https://eu-jamrai.eu/wp-content/uploads/2020/02/EUjamrai_MS9.1_National-research-priorities-and-gaps-in-7-countries_WP9_INSERM-FHI_2019.02.28.pdf 1974 Ko	MS9.1 Gathering of national research priorities from at least five countries and gap identification. Council Conclusions on the next steps towards making the EU a best practice region in combatting antimicrobial resistance (14 June 2019) - conclusion n° 44.
Publication in <i>Clinical Infectious Diseases</i> entitled “Financing pull mechanisms for antibiotic-related innovation: Opportunities for Europe”(WP9)	This publication discusses potential mechanisms to finance pull incentives in Europe.	HUMAN HEALTH Scientific audience	URL : https://academic.oup.com/cid/article/doi/10.1093/cid/ciaa153/5736365?guestAccessKey=4b09d6a0-1dda-49e7-9de7-2ca4299da1a3	MS4.1 Survey of MS and SH priorities. D9.2: Implementation strategy for EU collaboration. Council Conclusions on the next steps towards making the EU a best practice region in combatting antimicrobial resistance (14 June 2019) - n° 20, 21, 43, 44, 46, 47.

<p>Publication in a scientific journal entitled “Supply chain transparency needed to enable sustainable and continuous supply of essential medicines” (WP9)</p>	<p>This comment calls for greater transparency in supply chain to limits antibiotics and other drugs shortages. This work is based on WP9 country visits where several countries called for more transparency in supply chains.</p>	<p>Scientific audience</p>	<p>In D9.2 : under development</p>	<p>MS4.1 Survey of MS and SH priorities. D9.2: Implementation strategy for EU collaboration. Council Conclusions on the next steps towards making the EU a best practice region in combatting antimicrobial resistance (14 June 2019) - conclusions n°20, 21, 43, 44, 46, 47.</p>
<p>Publication in a scientific journal on the main findings of the country visits (WP9)</p>	<p>Publication to communicate on the main findings of the WP9 country visits.</p>	<p>HUMAN HEALTH Scientific audience</p>	<p>In D9.2 : under development</p>	<p>MS4.1 Survey of MS and SH priorities. D9.2: Implementation strategy for EU collaboration. Council Conclusions on the next steps towards making the EU a best practice region in combatting antimicrobial resistance (14 June 2019) - conclusions n°20, 21, 43, 44, 46, 47.</p>
<p>Publication in a scientific journal on how European countries set their guidelines from available evidence (WP9)</p>	<p>Case studies on how European countries set their national guidelines in comparison with the EVIPNET recommendations. This article will highlight weaknesses in how countries use scientific evidence to build their guidelines and provide them opportunities to improve their processes.</p>	<p>HUMAN HEALTH Scientific audience Policymakers Relevant stakeholders</p>	<p>In D9.3 : under development</p>	<p>MS4.1 Survey of MS and SH priorities. D9.3: Development of guidelines for incorporating evidence into policies. MS9.3 Mapping of current practices of evidence-informed policymaking by participating countries.</p>

<p>Policy Brief - The urgent need to foster research on infection prevention and control to improve health security (WP9)</p>	<p>Summary of the findings of the scientific article “Infection prevention and control research priorities to combat antimicrobial resistance and healthcare associated infections”. Its aim is to convince policymakers to invest more on research within the infection prevention and control field.</p>	<p>HUMAN HEALTH EC Policymakers Funders Relevant Stakeholders</p>	<p>D9.1 : https://eu-jamrai.eu/wp-content/uploads/2020/07/EUjamrai_D9.1_Publication_of_research_priorities_identified_as_gaps_INSERT_MFHI_2020.06.30_Website_version.pdf 3223 Ko Annex 2</p>	<p>M9.1 Gathering of national research priorities from at least five countries and gap identification. D9.1: Publication of research priorities identified as gaps. Council Conclusions on the next steps towards making the EU a best practice region in combatting antimicrobial resistance (14 June 2019) - conclusion n° 44.</p>
<p>Policy Brief - The opportunities to incentivize AMR research in Europe based on the findings of WP9 country visits (WP9)</p>	<p>Brief summary of the findings in order to present policymakers opportunities to incentivise AMR research.</p>	<p>HUMAN HEALTH EC Policymakers Funders Relevant stakeholders</p>	<p>Under review</p>	<p>MS4.1 Survey of MS and SH priorities. Council Conclusions on the next steps towards making the EU a best practice region in combatting antimicrobial resistance (14 June 2019) - conclusions n° 20, 21, 43, 44, 46, 47.</p>
<p>Policy Brief - Summary of EU-JAMRAI achievements as of October 2020: Handing over the beginning rather than the end</p>	<p>Updated report summarizing the concrete results and impacts of the JA after 18 months of the project.</p>	<p>HUMAN HEALTH ANIMAL HEALTH EC Policymakers Relevant stakeholders</p>	<p>Ready Pdf 737 Ko</p>	