



## Working Together to Fight Antimicrobial Resistance



# PAHO



Food and Agriculture  
Organization of the  
United Nations



WORLD ORGANISATION FOR ANIMAL HEALTH  
*Protecting animals, preserving our future*



European Union

Antimicrobial resistance (AMR) represents a major global threat across human, animal, plant food and environmental sectors, threatening the effective treatment of an ever-increasing range of infections caused by bacteria, parasites, viruses and fungi, resulting in prolonged illness and increased mortality, often felt hardest by the most vulnerable populations. AMR also endangers the sustainability of agri-food systems and food safety.

Since 2010 there is a strong commitment from FAO (<http://www.fao.org/antimicrobial-resistance/en/>), OIE (<https://rr-america.oie.int/en/projects/ue-ram/>) and PAHO (<https://www.paho.org/en/topics/antimicrobial-resistance>) to fight AMR, working together to mitigate the risks in the interconnection among the human health, animal health and the environment. In this context, the organizations now joined forces in the implementation of the project 'Working Together to Fight Antimicrobial Resistance' to ensure a coherent "One Health" approach recognizing the multidimensionality and necessity of an intersectoral response that is needed to address the problem of AMR.

The overall strategic objective of the three-year project (2020-22) supported and financed by the European Union (EU) ([https://ec.europa.eu/health/amr/antimicrobial-resistance\\_en](https://ec.europa.eu/health/amr/antimicrobial-resistance_en)) is to contribute to tackle AMR through the implementation of National AMR Action Plans by working with seven Latin American partner countries: **Argentina, Brazil, Chile, Colombia, Paraguay, Peru and Uruguay.**

## Highlights

The regional project "Working Together to Fight Antimicrobial Resistance" expands to address COVID-19 associated AMR threats (</en/news/14-10-2021-regional-project-working-together-fight-antimicrobial-resistance-expands-address>)

Resistant bacteria present a major threat in hospitals, but there are measures to prevent their spread (</en/stories/resistant-bacteria-present-major-threat-hospitals-there-are-measures-prevent-their-spread>)

Bulletin: Rational Use of Antimicrobials for the Containment of Resistance (<http://paho.createsend.com/t/ViewEmail/y/D167A6242A2B033F2540EF23F30FEDED?alternativeLink=True>)



## Main achievements of year 1

## Project's components





## National Action Plans on antimicrobial resistance

- Argentina (<http://extwprlegs1.fao.org/docs/pdf/arg163474.pdf>)
- Brazil (<https://portalarquivos2.saude.gov.br/images/pdf/2018/dezembro/20/af-pan-br-17dez18-20x28-csa.pdf>)
- Chile ([https://diprece.minsal.cl/wrdprss\\_minsal/wp-content/uploads/2017/08/Plan-Nacional-contra-la-resistencia-a-los-antimicrobianos.pdf](https://diprece.minsal.cl/wrdprss_minsal/wp-content/uploads/2017/08/Plan-Nacional-contra-la-resistencia-a-los-antimicrobianos.pdf))
- Colombia (<https://www.minsalud.gov.co/sites/rid/Lists/BibliotecaDigital/RIDE/VS/MET/plan-respuesta-resistencia-antimicrobianos.pdf>)
- Paraguay (<http://www.vigisalud.gov.py/webdgvs/files/documentos/ram.pdf>)
- Peru (<http://www.digemid.minsa.gob.pe/UpLoad/UpLoaded/PDF/Acceso/URM/GestionURMTrabSalud/ReunionTecnica/VIII/Dia2/Antimicrobianos/PlanNacionalATM-2017-2021.pdf>)
- Uruguay (<https://www.gub.uy/ministerio-salud-publica/sites/ministerio-salud-publica/files/documentos/noticias/MSP%20PLAN%20NACIONAL%20ACCION%20CONTRA%20RESISTENCIA%20ANTIMICROBIANA.pdf>)

## Antimicrobial resistance

Antimicrobial agents are medicines that treat infections. Antimicrobial resistance (AMR) occurs when microorganisms (such as bacteria and viruses) change after being exposed to antimicrobial drugs, and become resistant to the drugs used to treat them.

Antimicrobial agents are essentials to preserve human health, animal health, and vegetal protection. Excessive use or inadequate use will accelerate the development of microorganisms that become resistant to antimicrobials. This phenomenon, which is called antimicrobial resistance, endangers the effectiveness of treatment from a growing series of infections caused by viruses, bacterias, fungus and parasites.



- Download in PDF print format (<https://www.paho.org/en/documents/infographic-print-pdf-cycle-resistant-bacteria>)

## **Brochure: Working together to fight antimicrobial resistance**

DOWNLOAD ([HTTPS://WWW.PAHO.ORG/EN/DOCUMENTS/BROCHURE-WORKING-TOGETHER-FIGHT-ANTIMICROBIAL-RESISTANCE](https://www.paho.org/en/documents/brochure-working-together-fight-antimicrobial-resistance))

# **WORKING**


**One Health:**

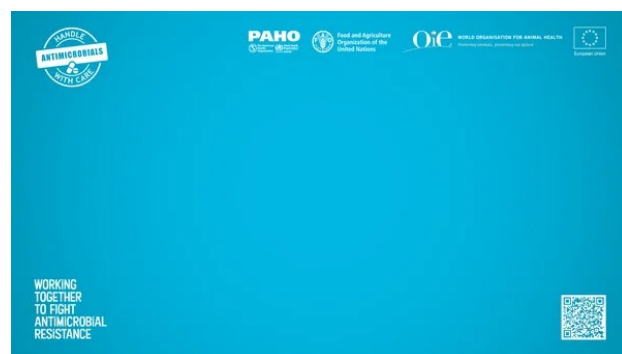
The concept «One Health» was introduced in the beginning of 2000, and refers to the concept known for more than a century, that human health and animal health are interdependent and linked to the ecosystems in which they coexist. The approach One Health is especially relevant for food safety, control of zoonosis and AMR.


FAO, OIE, PAHO and the EU are committed to a global One-Health collaborative approach to understand and tackle the risks of AMR in of human health, animal health and the environment.

## Background for webinars



 Download background n°1 ([https://www.paho.org/sites/default/files/2021-11/Virtual\\_background\\_01\\_EN.jpg](https://www.paho.org/sites/default/files/2021-11/Virtual_background_01_EN.jpg)) 81.74 KB



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## Profile picture and Stickers






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 [Download white sticker \(https://www.paho.org/sites/default/files/2021-11/2021-paho-cde-waaw21-Sticker\\_White\\_EN.png\)](https://www.paho.org/sites/default/files/2021-11/2021-paho-cde-waaw21-Sticker_White_EN.png) 91.37 KB

## Videos

Working Together to Fight Antimicrobial Resistance: General public

Working Together to Fight Antimicrobial Resistance: Health and Agricultural Sector

Antimicrobial Resistance and One Health



Let's Talk About Antibiotics: Prevent Antimicrobial Resistance

Let's talk about antibiotics: Excessive and inadequate use of the antibiotics

## Related links

- European Commission: Research and Innovation on AMR ([https://ec.europa.eu/info/research-and-innovation/research-area/health-research-and-innovation/antimicrobial-drug-resistance-amr\\_en](https://ec.europa.eu/info/research-and-innovation/research-area/health-research-and-innovation/antimicrobial-drug-resistance-amr_en))
- Bulletin of rational use of antimicrobials for the containment of resistance (<https://us4.campaign-archive.com/home/?u=487855692ac2aa91b795e38af&id=31a1c55117>)
- Pan American Center for Food-and-Mouth Disease and Veterinary Public Health (PANAFTOSA) (</es/panaftosa/resistencia-antimicrobiana-produccion-animal>) - Spanish only
- PAHO: World Antimicrobial Awareness Week 2021 (</en/campaigns/world-antimicrobial-awareness-week-2021>)
- PAHO: Colombia trabaja unida para combatir la resistencia a los antimicrobianos (</es/colombia-trabaja-unida-para-combatir-resistencia-antimicrobianos>) - Spanish only
- OIE: World Antimicrobial Awareness Week 2021 (<https://www.oie.int/en/event/world-antimicrobial-awareness-week-2021/>)

## Contact

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## News



(/en/news/14-10-2021-regional-project-working-together-fight-antimicrobial-resistance-expands-address)

The regional project "Working Together to Fight Antimicrobial Resistance" expands to address COVID-19 associated AMR threats (/en/news/14-10-2021-regional-project-working-together-fight-antimicrobial-resistance-expands-address)

14 Oct 2021



(/en/news/17-6-2020-start-joint-work-fight-against-amr-latin-america)

Working in the fight against AMR in Latin America (/en/news/17-6-2020-start-joint-work-fight-against-amr-latin-america)

17 Jun 2020

## Stories



(/en/stories/resistant-bacteria-present-major-threat-hospitals-there-are-measures-prevent-their-spread)

Resistant bacteria present a major threat in hospitals, but there are measures to prevent their spread (/en/stories/resistant-bacteria-present-major-threat-hospitals-there-are-measures-prevent-their-spread)

16 Nov 2021

## Technical and Scientific Products



28 Oct 2020

Landscape analysis on the status of the implementation of AMR National Action Plans for the EU project "Working together to fight AMR" (/en/documents/landscape-analysis-status-implementation-amr-national-action-plans-eu-project-working)

All documents (/en/documents) ↗

## Communications Materials



17 Nov 2021

World Antimicrobial Awareness Week 2021: Sticker (white 1080x899 PNG) (/en/documents/world-antimicrobial-awareness-week-2021-sticker-white-1080x899-png)



17 Nov 2021

World Antimicrobial Awareness Week 2021: Profile pic (1080x1080 JPG) (/en/documents/world-antimicrobial-awareness-week-2021-profile-pic-1080x1080-jpg)



16 Nov 2021

Background for webinars n°2 (/en/documents/background-webinars-no2)



16 Nov 2021

Background for webinars n°1 (/en/documents/background-webinars-no1)

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## Help and services

[Doing Business with PAHO \(/en/doing-business-paho\)](#)

[Integrity & Conflict Management \(ICMS\) \(/en/integrity-and-conflict-management-system-icms\)](#)

[Privacy Policy \(/en/privacy-policy\)](#)

[Terms and conditions for the use of the site \(/en/terms-and-conditions-use-site\)](#)

## Resources

[Collaborating Centers \(/en/pahowho-collaborating-centres\)](#)

[Virtual Health Library \(http://bvshalud.org\)](#)

[Virtual Campus for Public Health \(https://www.campusvirtualsp.org\)](#)

[PAHO Digital Library \(IRIS\) \(http://iris.paho.org/xmlui\)](#)

[Data \(https://www.paho.org/data/\)](#)

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