


Management Board
14 December 2023

QUOVADIS ONE HEALTH?

Progress after ONE
| Health | Environment | Society
Conference

Carlos Das Neves
EFSA Chief Scientist





Why One Health at the core of EFSA and Food Safety?

EFSA MISSION

Safety in the food chain from farm to fork is at EFSA's core. We contribute to protecting human life and health, taking account of animal health and welfare, plant health and the environment.

Example of key action:

*Develop Risk Assessment approaches to address **One Health** policy needs and in particular sustainable food and feed systems*



ONE CONFERENCE 2022



BEFORE..... & AFTER

efsa JOURNAL OPEN ACCESS

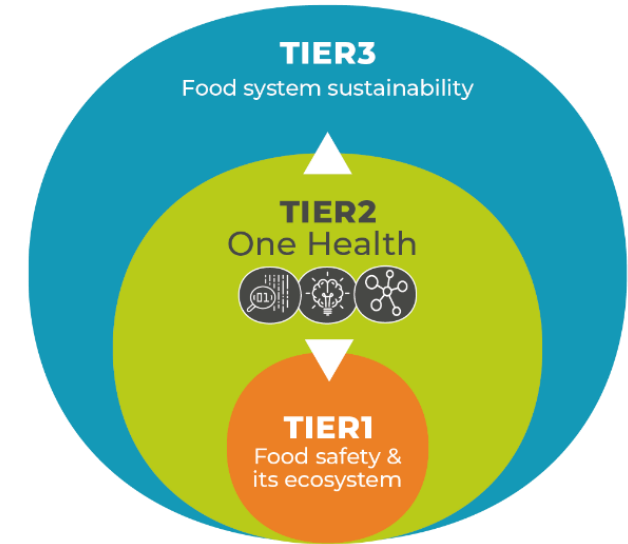
Editorial | Open Access | CC BY

EFSA's expertise supports One Health policy needs

Stef Bronzwaer ✉, Mirelle Geervliet, Marta Hugas, Bernhard Url

First published: 12 May 2021 | <https://doi.org/10.2903/j.efsa.2021.e190501> | Citations: 4

About the authors: Stef Bronzwaer, Research Coordinator; Mirelle Geervliet, Trainee; Marta Hugas, Scientist; Bernhard Url, Executive Director



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Advancing food safety: strategic recommendations from the 'ONE – Health, Environment & Society – Conference 2022'

Yann Devos ✉, Edward Bray, Stef Bronzwaer, Barbara Gallani, Bernhard Url

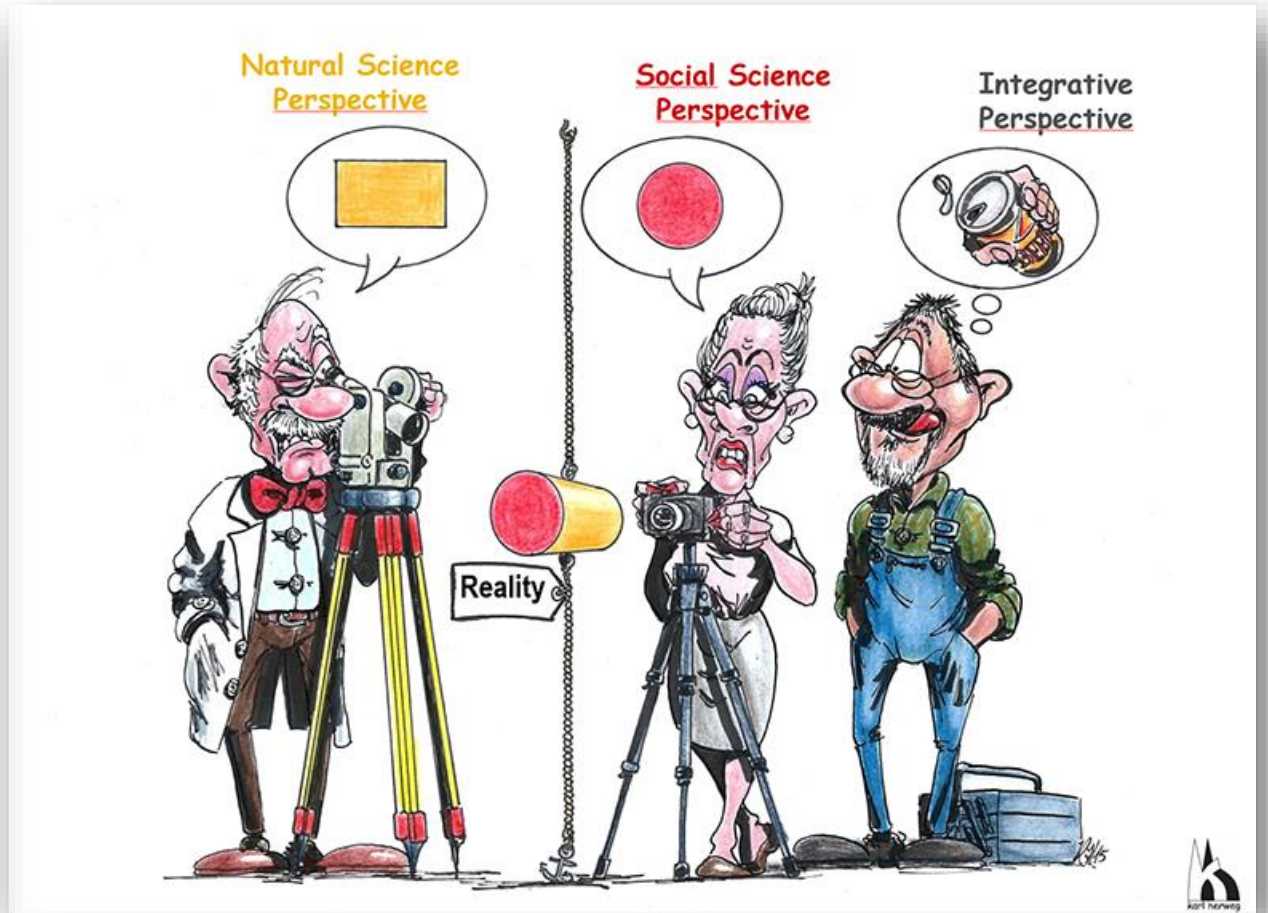
First published: 11 November 2022 | <https://doi.org/10.2903/j.efsa.2022.e201101>

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November 2022
e201101

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WILEY

WHAT ONE HEALTH SHOULD NOT MEAN FOR EFSA?



WHAT ONE HEALTH SHOULD MEAN FOR EFSA?





COORDINATION



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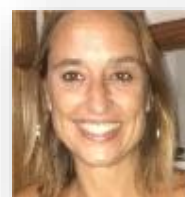
Stef Bronzwaer
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EFSA
OH Operationalisation
Task Force

Making One Health operational throughout EFSA

Stef Bronzwaer, Frederico Alves, Yann Devos, Sofie D'Hollander, Gorgias Garofalakis, Beatriz Guerra Roman, Victor Lopez, Tobin Robinson, Anca Violeta Stoicescu, Frank Verdonck, Domagoj Vrbos, Carlos G. das Neves

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COORDINATION



FUTURE

Making One Health operational throughout EFSA

Stef Bronzwaer, Frederico Alves, Yann Devos, Sofie D'Hollander, Gorgias Garofalakis, Beatriz Guerra Roman, Victor Lopez, Tobin Robinson, Anca Violeta Stoicescu, Frank Verdonck, Domagoj Vrbos, Carlos G. das Neves

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Needs	What it means
Regulatory framework/mandates	<ul style="list-style-type: none"> - More connective regulatory and legal frameworks - Overcome hurdles in data sharing - Joint mandates for cross-sectoral risk assessment
Time and resource allocation	<ul style="list-style-type: none"> - Time and resource allocation for OH activities - Build capacity/establish an agency wide One Health approach
Instruments / tools	<ul style="list-style-type: none"> - Intersectoral data and experience sharing platforms/tools - Staff exchange - Increase engagement with policy makers - Perform joint procurement with sister Agencies - Develop and implement coordinated communication activities

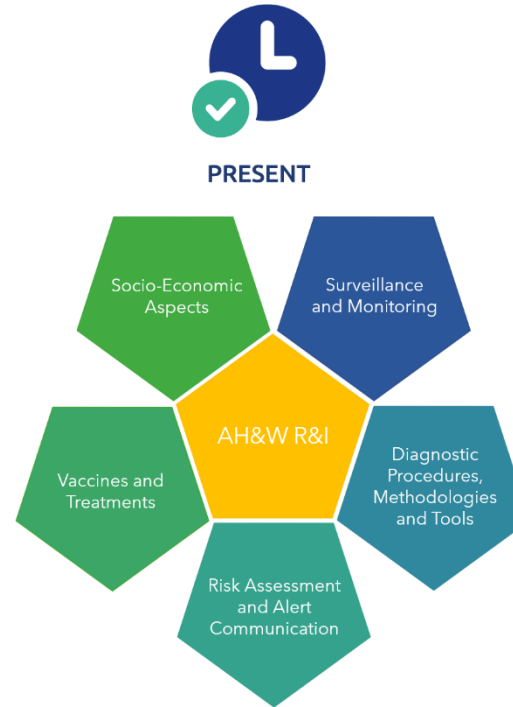


RESEARCH & INOVATION FOR OH @EFSA

COORDINATION



Partnership
FOR THE
Assessment
OF
Risks
FROM
Chemicals



COORDINATION



- SUSTAINABLE FOOD SYSTEMS
- NGTs

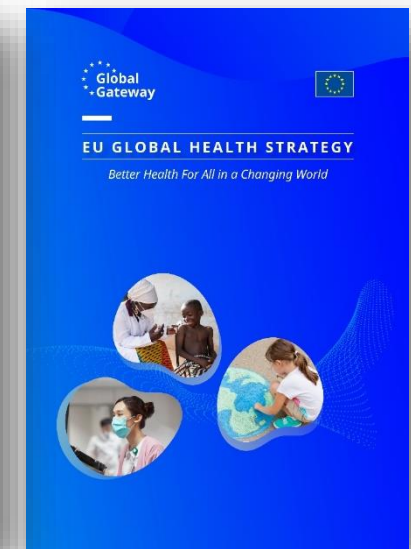


PRESENT



FUTURE

- LOW RISK PPPs
- ERA



- CROSS-BORDER THREATS
- HEALTHY NUTRITION/DIETS



10



OH @INTERNATIONAL

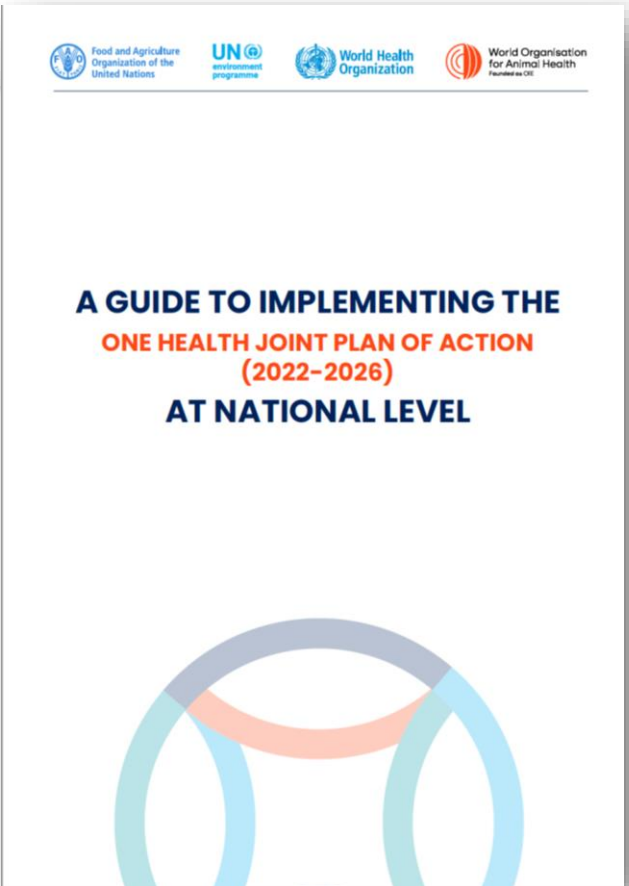
COORDINATION



Food and Agriculture Organization of the United Nations | UN Environment Programme | World Health Organization | World Organisation for Animal Health

ONE HEALTH JOINT PLAN OF ACTION (2022-2026)

WORKING TOGETHER FOR THE HEALTH OF HUMANS, ANIMALS, PLANTS AND THE ENVIRONMENT



Food and Agriculture Organization of the United Nations | UN Environment Programme | World Health Organization | World Organisation for Animal Health

A GUIDE TO IMPLEMENTING THE ONE HEALTH JOINT PLAN OF ACTION (2022-2026) AT NATIONAL LEVEL

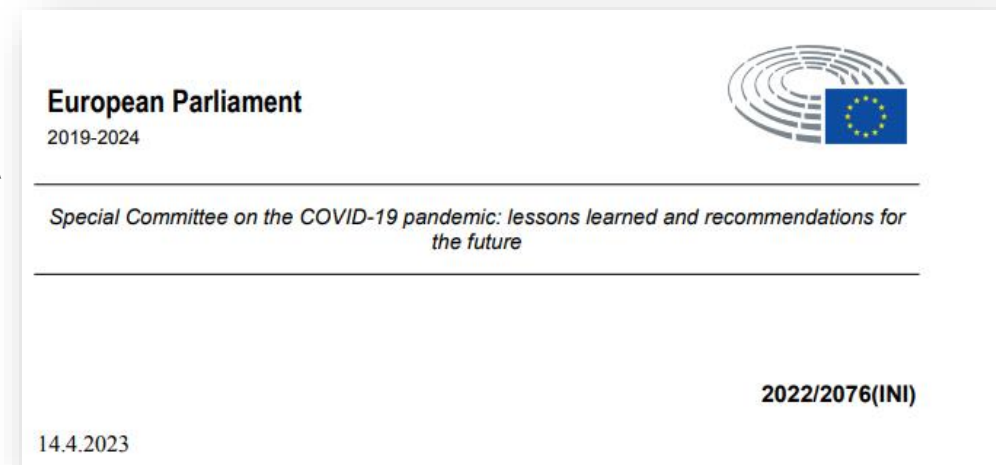


OH @EFSA AND SISTER AGENCIES

COLLABORATION

Creating space for a Task Force

251. Calls for the establishment of a **European cross-agency task force dedicated to the One Health approach** to advance transdisciplinary research and cross-sectoral scientific advice;



OH @EFSA AND SISTER AGENCIES

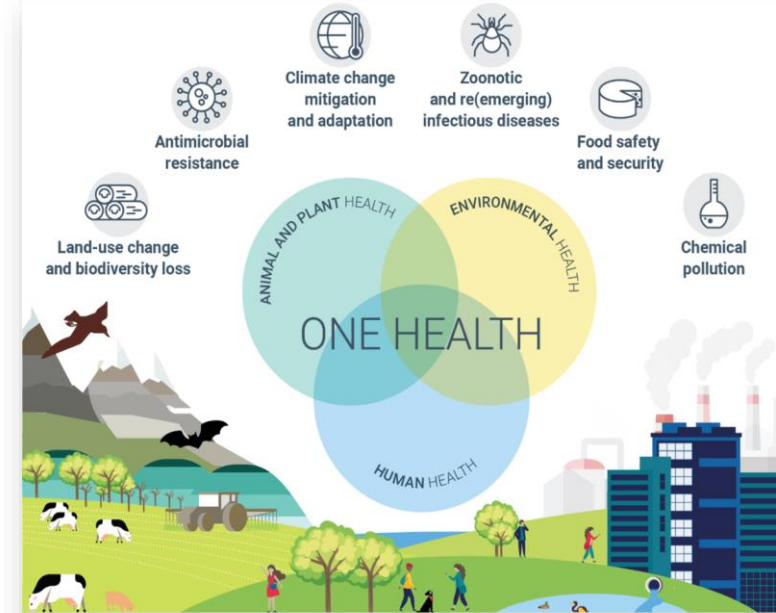
COLLABORATION



Cross-agency knowledge for One Health action

Joint statement by European Union Agencies

European Centre for Disease Prevention and Control (ECDC)
European Chemicals Agency (ECHA)
European Environment Agency (EEA)
European Food Safety Authority (EFSA)
European Medicines Agency (EMA)

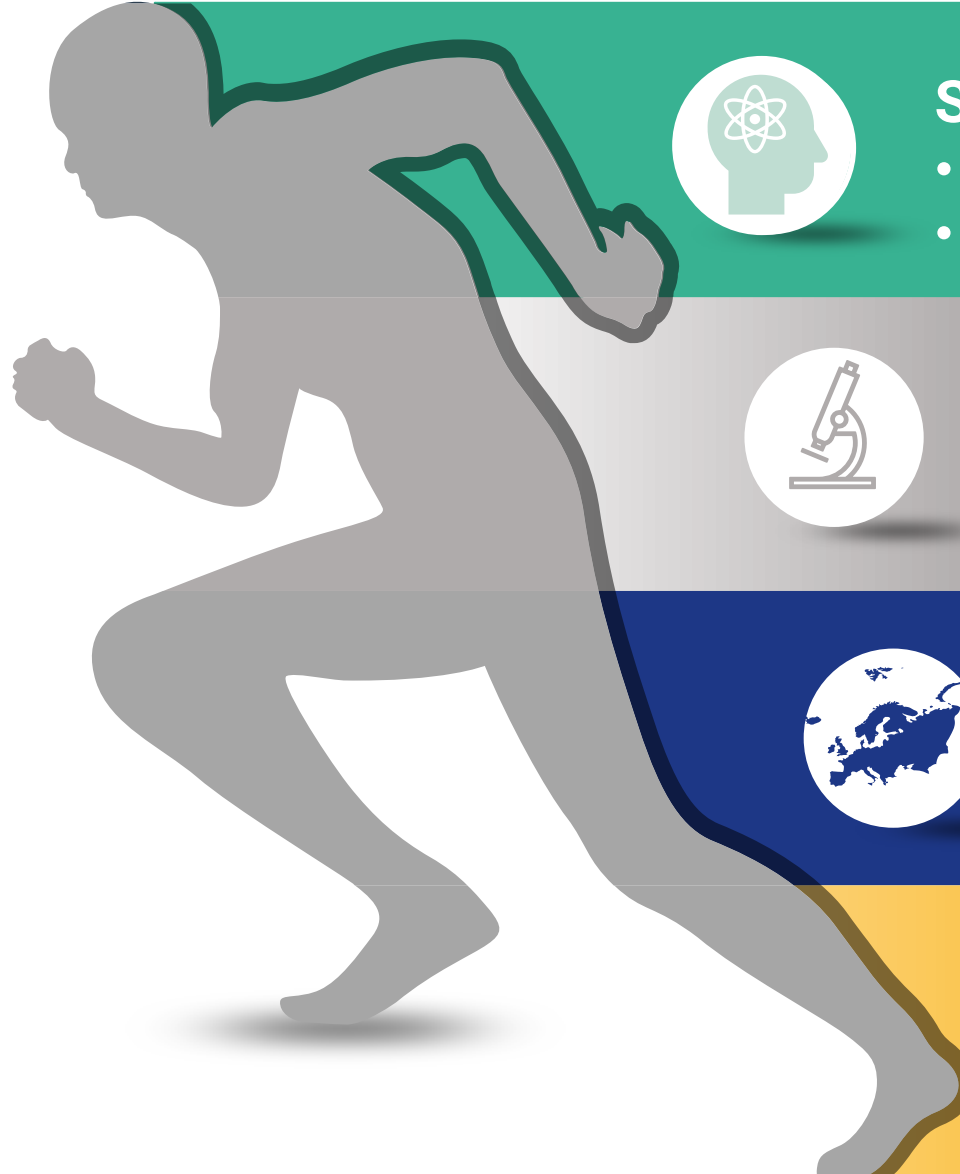


Supporting the One Health agenda in Europe

ECDC, ECHA, EEA, EFSA & EMA



OH @EFSA AND SISTER AGENCIES



Strategic coordination

- Common priorities One Health
- Inter-agency statement on OH



Research coordination

- Formulate common research needs
- Engage with research agenda setters



Stakeholder engagement

- Joint engagement with stakeholders
- Support OH plans from MS
- Joint events



Joint activities

- Sharing good practice
- Build internal OH capacity
- Support sustainability

OH @EFSA AND SISTER AGENCIES

COLLABORATION

Joint EC Mandate

Overall coordination by EFSA

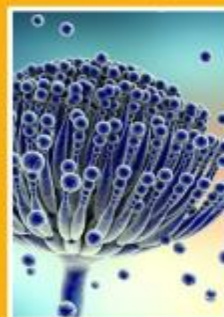
Deadline interagency report: July 2024



European Environment Agency



AZOLE FUNGICIDES



Health issue: infection in human with *Aspergillus* spp. resistant to treatment with azoles (ECDC, EMA)



Use of azoles in the environment:

- Plant protection products (EFSA)
- Biocides (ECHA)
- Industrial chemicals (ECHA)
- Veterinary medicines (EMA)

OH AS THE UNION EXPANDS

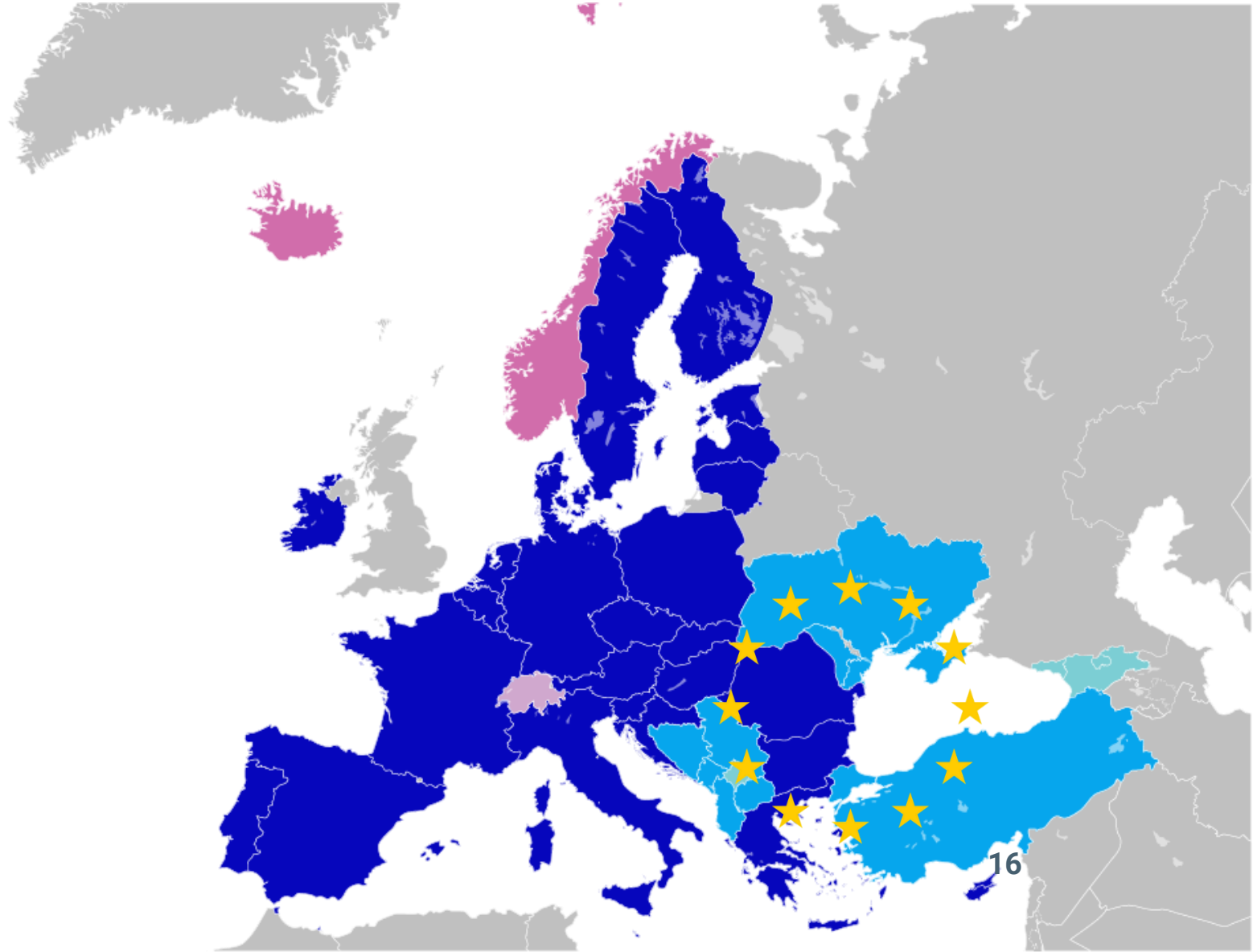
CAPACITY BUILDING



	Pop	Area
Europe	446 828 803	4 233 262
New countries	146 871 555	1 675 542
	↑33%	↑40%



	Bovines	Sheep	Goats
Europe	75 505 000	62 470 000	12 125 000
New countries	23 921 800	51 101 000	14 215 900
	↑32%	↑82%	↑117%



OH AS THE UNION EXPANDS

CAPACITY BUILDING

EFSA @EFSA_EU · Oct 13

Today, a team of experts from **EFSA**, @ECDC_EU, @Food_EU & #EU Member States concluded a successful country visit to #Kosovo to advance the #OneHealth approach against #AMR

For more on AMR, visit our dedicated topic page europa.eu/IQH78JK

#AntimicrobialResistance



2 · 11 · 2.9K

WHO Regional Office for Europe 22K followers

To better prepare for and respond to health threats from #foodborne & #zoo diseases, more than 35 participants from the human, animal and environment health sectors in the Western Balkans and Moldova came together in a two-day workshop on strengthening the 'One Health' approach.

#OneHealth is an integrated, unifying approach to balance and optimize the health of people, animals and the environment.

The event brought together participants from Albania, Bosnia and Herzegovina, Kosovo, Montenegro, Moldova, North Macedonia, and Serbia.

It was organized by the WHO Regional Office for Europe, in partnership with the FAO, World Organisation for Animal Health, UN Environment Programme, European Food Safety Authority (EFSA), and financially supported by the European Union.

(*in accordance with UN Security Council Resolution 1244/1999)



European Food Safety Authority (EFSA) · Following

Public Safety

With the support of the **One Health EJP** & Med-Vet-Net Association the #OneHealth Module for #IPA beneficiaries have successfully been concluded in Podgorica, Montenegro.

28 participants had the opportunity to share experiences, views & perspectives showcasing the added value of employing the One Health approach in an outbreak situation, highlighting the areas requiring further development.



6mo · Public post · 69 · 5 reposts

European Food Safety Authority (EFSA) · Following

Public Safety

20+ participants in the "Autumn School 2023" from #IPA beneficiaries had an opportunity to participate in the EU #FoodSafety #RiskAssessment #RiskCommunication organisation's work, gain first-hand experience & ir ...see more



69 · 5 reposts · 1w



IPA

2023-2026



OH ACROSS CONTINENTS

CAPACITY BUILDING



SHARE & COMMUNICATE

COMMUNICATION

one_healthenv_eu Following Message

454 posts 11K followers 132 following

One Health One Environment EU

News, info and faces from the EU Agencies eu working to safeguard your health and our planet

ECDC | EEA | ECHA | EFSA | EMA | DG SANTE

linktr.ee/onehealthoneenvironmenteu

Followed by komoda_news, bjerkastrid, potiese + 2 more

Medication Chemicals #PlantHealth #EUCSF 23' Quizzes #EUCSF 22' One Health

POSTS REELS TAGGED

Supporting the One Health agenda in Europe

A holistic approach to health

sales of veterinary antibiotics shows promising progress

Join us in the fight against #AMR

Unmasking Spooky Science with One Health

one_healthenv_eu

one_healthenv_eu Ready for some #SpookyScience this Halloween? 🎃

Join us and the One Health partners ECDC, EMA, EFSA, EEA and ECDC as we share up some hauntingly interesting facts about our work.

Escape through if you dare and discover what keeps us busy in our mission to keep you safe.

Happy Halloween 🎃

#SpookyScience #OneHealth #Halloween2023 #EUAgencies #Sciencefacts #EU

👉 View hidden content

*Your comments will be hidden because they may be revealing, offensive or spam. There are 48 likes in the feed.

One Health response to: Antimicrobial Resistance

one_healthenv_eu

one_healthenv_eu EU Commissioner for Health & Food Safety, Stella Kyriakides, highlights that Antimicrobial resistance is a global pandemic.

Building from media on misuse of Antibiotics in farmed animals, Antimicrobial resistance occurs as microorganisms evolve to resist antibiotics.

With ineffective antibiotics, animal and human health is at risk.

Cooperating with the European Centre for Disease Prevention and Control and the European Medicines Agency, EFSA defines a term to link approach to combat antimicrobial resistance.

Stay updated with #EUHealthForce to learn about animal welfare and its connection to human health.

Link in bio

#EFSA #FoodSafety #OneHealth #OneHealth #FoodScience #EUAgencies

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👤 Health Needs Partnership Policy Analysis Group

👉 View hidden content

#CROSSWORDPUZZLEDAY

one_healthenv_eu

one_healthenv_eu Here's the solution of our #CrosswordPuzzle. The EU takes care of the safety and health of its citizens and the environment. We wish you all to stay healthy this #HalloweenSeason wherever you are and whatever you celebrate. Share this! Happy Halloween!

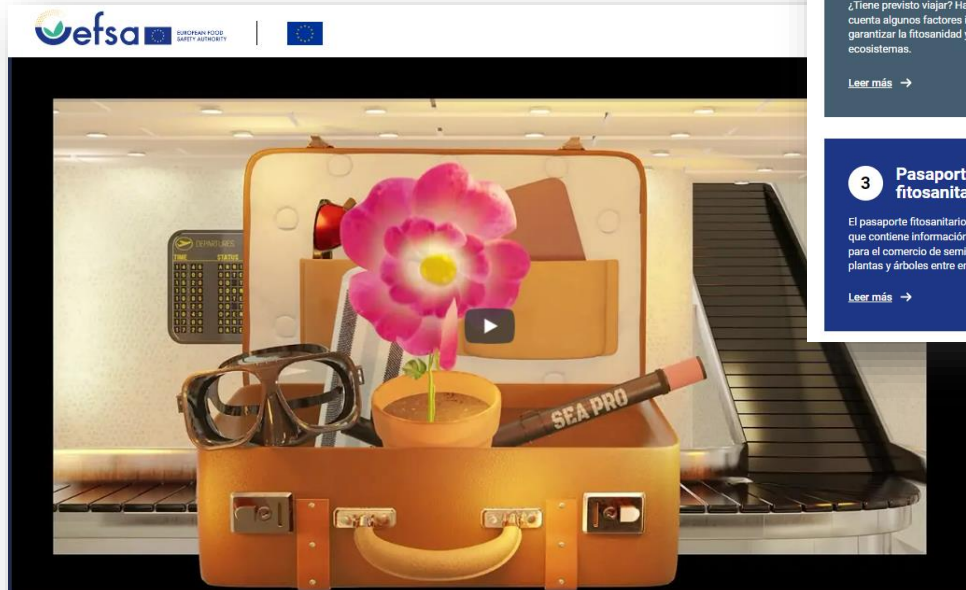
#SpookyScience #Halloween2023 #Halloween #OneHealth #OneHealthOneEnvironment #OneHealthOneEnvironment

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SHARE & COMMUNICATE

COMMUNICATION



PLANT HEALTH FOR LIFE.

Welcome to #PlantHealth4Life, an EU campaign that promotes the vital link between plant health and our everyday lives. Plant pests and diseases can impact our food security, the economy, and the environment, while healthy plants mean healthy food and a sustainable future. We all have a role to play to keep plants healthy. Join #PlantHealth4Life and find out what you can do to improve plant health and protect your community.

Consejos fitosanitarios

1 Viajes y plantas

¿Tiene previsto viajar? Hay que tener en cuenta algunos factores importantes para garantizar la fitosanidad y proteger los ecosistemas.

[Leer más →](#)



2 Jardinería responsable

Al adoptar técnicas de jardinería responsable, usted desempeña un papel crucial en su propia protección, la de su comunidad y la del medio ambiente.

[Leer más →](#)



3 Pasaporte fitosanitario

El pasaporte fitosanitario es un documento que contiene información básica necesaria para el comercio de semillas, esquejes, plantas y árboles entre empresas de la UE.

[Leer más →](#)



4 Enseñanzas para las futuras generaciones

A fin de garantizar un planeta sostenible para las futuras generaciones, es fundamental que los niños comprendan la importancia de la fitosanidad.

[Leer más →](#)



HOUD DE NATUUR GEZOND,
neem geen planten mee naar
huis



#PlantHealth4Life

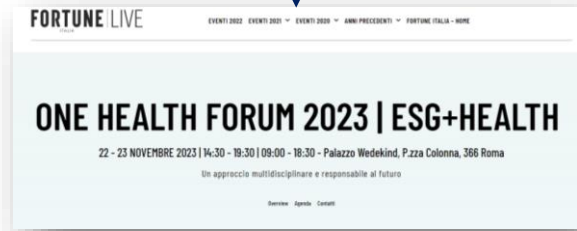
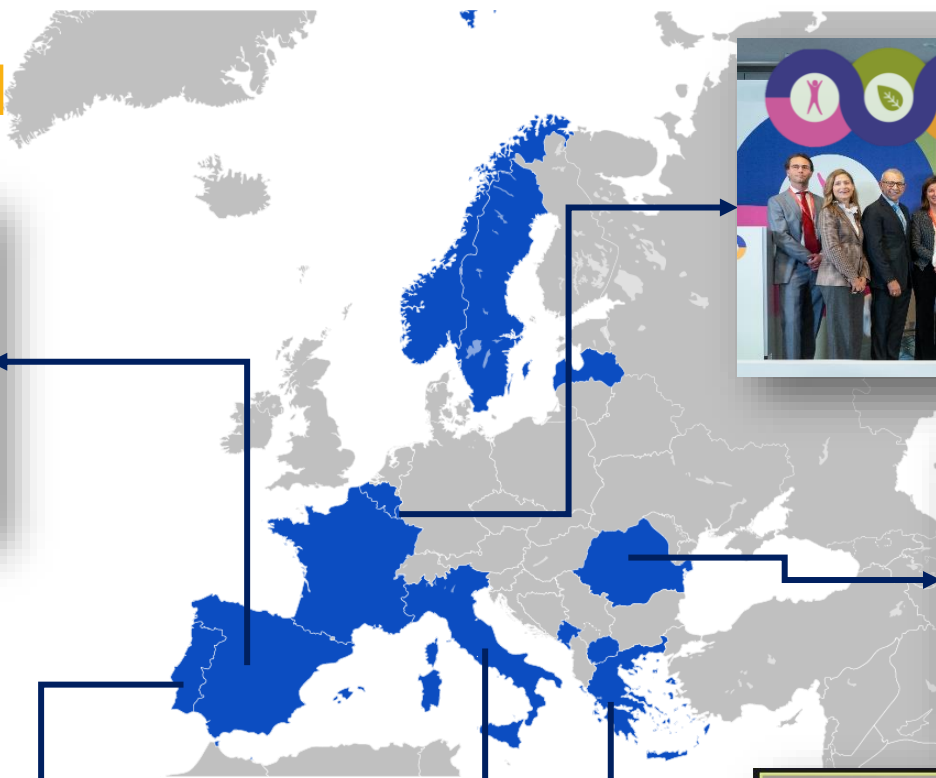


**Mogli biste širiti
nove štetocine tako što
ćete
ih donijeti u svojoj prtljagi.**

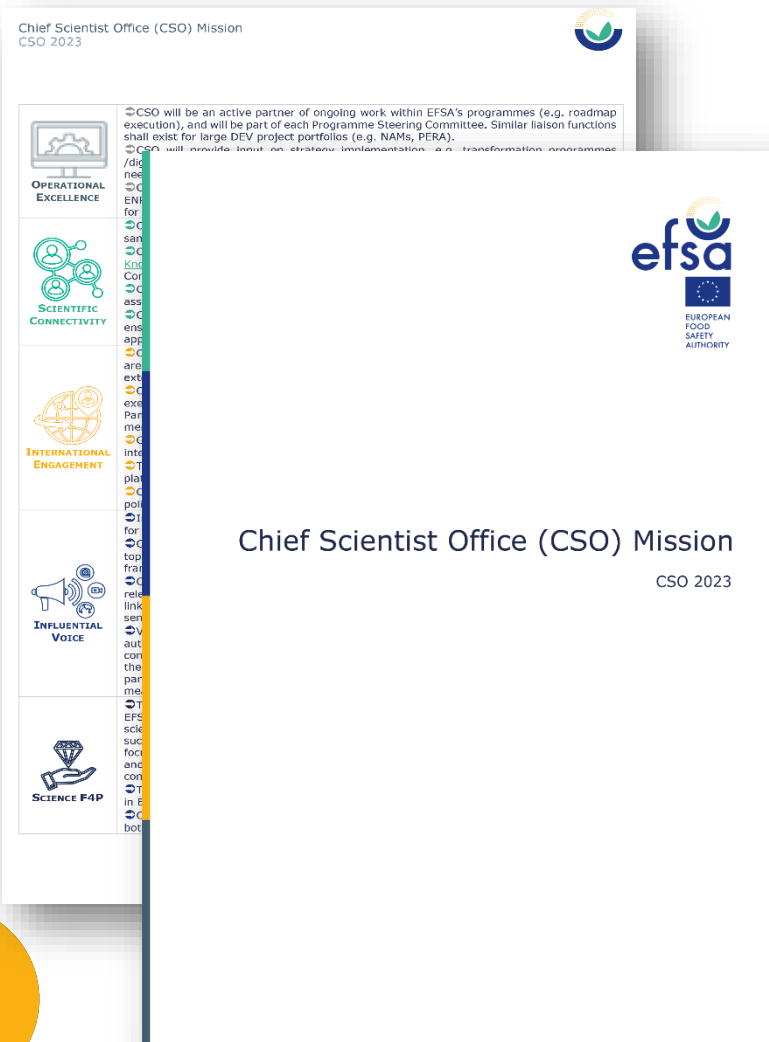


SHARE & COMMUNICATE

COMMUNICATION



WHAT ONE HEALTH MEANS FOR EFSA?



The Office of EFSA's Chief Scientist :

- provides strategic scientific *leadership & expertise*
- enables *decisions* to achieve EFSA's scientific *strategic goals*
- coordinates the *implementation* of a *OH approach* across EFSA

GETTING ONE HEALTH TO WORK HAS ITS BARRIERS....

How people describe those barriers ...



How those barriers actually look like...