

Interactions with stakeholders: targeted dissemination, support, and advocacy. The example of the One Health EJP



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To have impact results should be useful for the stakeholders

A stakeholder is any group or individual that
can affect or is affected by the achievement of an organisation's objectives
[Freeman, R. Edward. 1984. Strategic Management: A Stakeholder Approach Boston: Pitman Publishing]

Realisation:

1. Scientific and integrative activities have to address stakeholders' needs to be impactful



Response:

1. The Research Agenda has to be set up based on stakeholders' needs from the very beginning

2. Stakeholders' needs evolve in time



2. Exchanges have to be kept throughout the project to understand evolving interests and adapt interactions accordingly

3. The One Health arena evolves in time



3. Stakeholder groups can be changed (e.g. enlarged to include additional sectors)

Regular exchanges are important!



Identification of stakeholders and setting up appropriate interactions

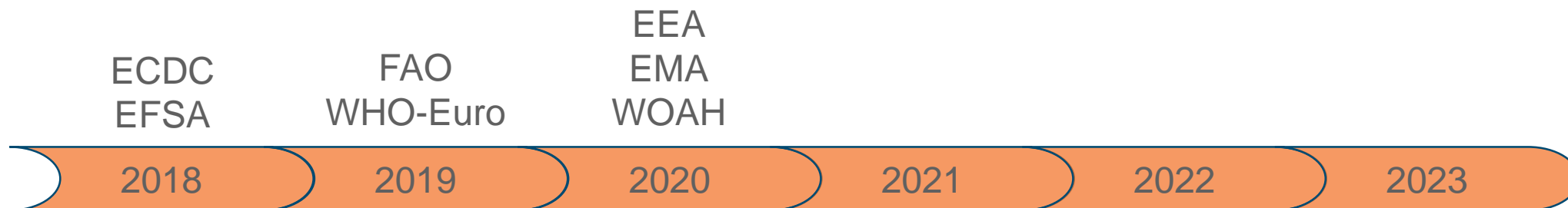
For One Health EJP, One Health =
Animal health + Food safety + Public health



	National stakeholders: Ministries of agriculture and health	ECDC,EFSA: Key EU Stakeholders	EEA, EMA: Other EU stakeholders	FAO, WOA, WHO- Euro: International stakeholders
Approval of the Research Agenda	X			
Consultation to define scientific topics	X	X		
Target of targeted dissemination	X	X	X	X
Continuous support		X	X	X



Appointment of official contact points



- To find the right person: understand the structure of each agency and identify high-level person (expert in One Health topics and knowledge of strategic direction of agency)
- Take contact:
 - Make best use of previous contacts
 - Publish ad-hoc reports that relate the needs of the stakeholders with your expertise (Examples from One Health EJP are available [here](#)). **More on this later!**

Thematic Reports:





The Stakeholders Committee



- Committee of appointed representatives with knowledge of strategic directions of their agencies/organisations, and experts in cross-sectoral collaboration: ECDC and EFSA (Key EU Stakeholders), FAO, WOAAH, WHO-Euro, EEA, EMA
- Stable group increasingly familiar with the One Health EJP
- Regular meetings (twice per year):
 - Report on the development of the consortium
 - Targeted dissemination of results
 - **Discussion on the impact of the presented results**
 - **Discussion on the needs of the stakeholders**
 - **Discussion on mutual support**

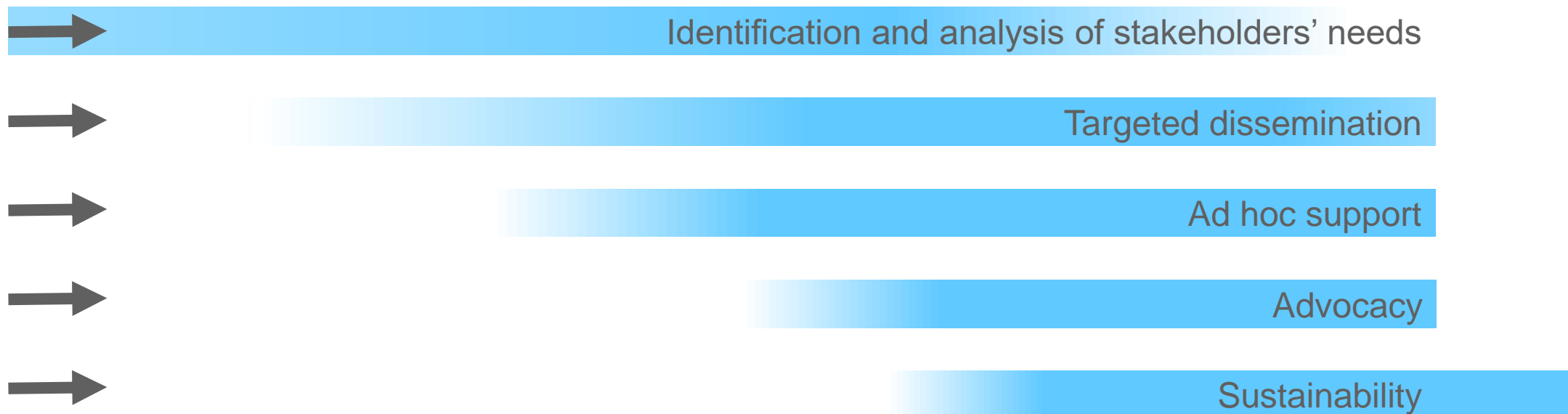
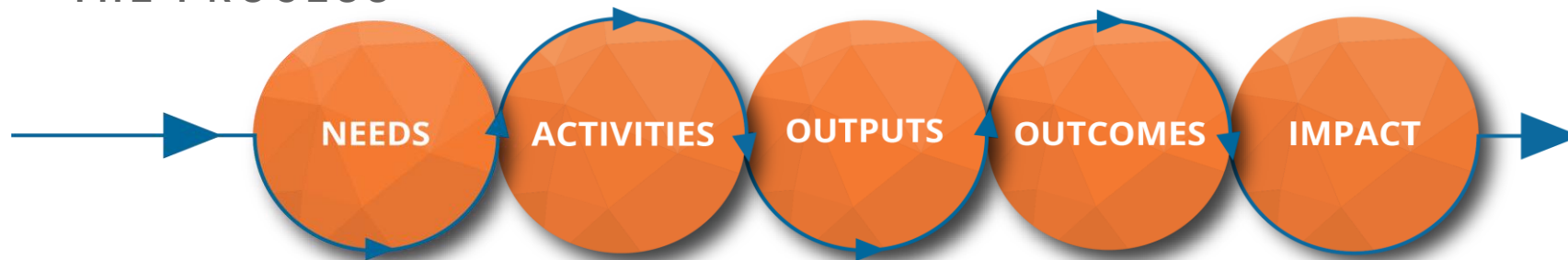




Stakeholders' engagement and priorities over time 2018-2023



THE PROCESS



More insights on targeted dissemination to stakeholders



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Targeted dissemination is the first step towards uptake

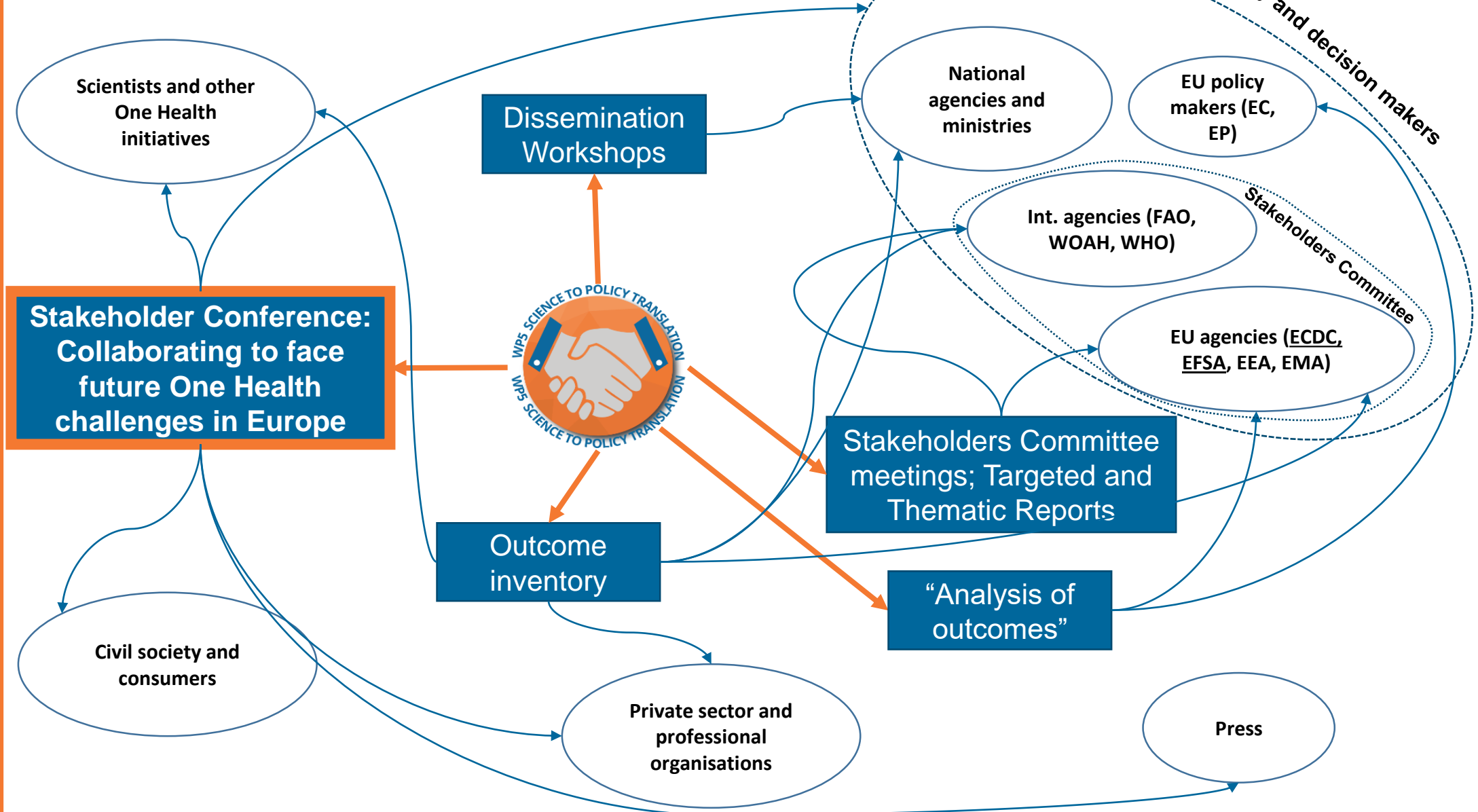
To relate the needs of the stakeholders with the consortium's:

- Expertise (*we have the capacity to assist you*)
- Outcomes (*we have a tool, and it is ready to use*)
- Knowledge (*we have a scientifically solid advice*)

Important to:

- Adapt the language and format to the target audience
- Be timely

The right format for the right audience



One Health EJP Thematic Reports



- Link between **needs of stakeholders** and One Health EJP expertise
 - International stakeholders (FAO, OIE, WHO)
 - European Medicine Agency
 - European Environment Agency



- **Topic-related reports** on aspects addressed in One Health EJP activities
 - Antimicrobial Resistance
 - Environmental aspects
 - COVID-19 related needs

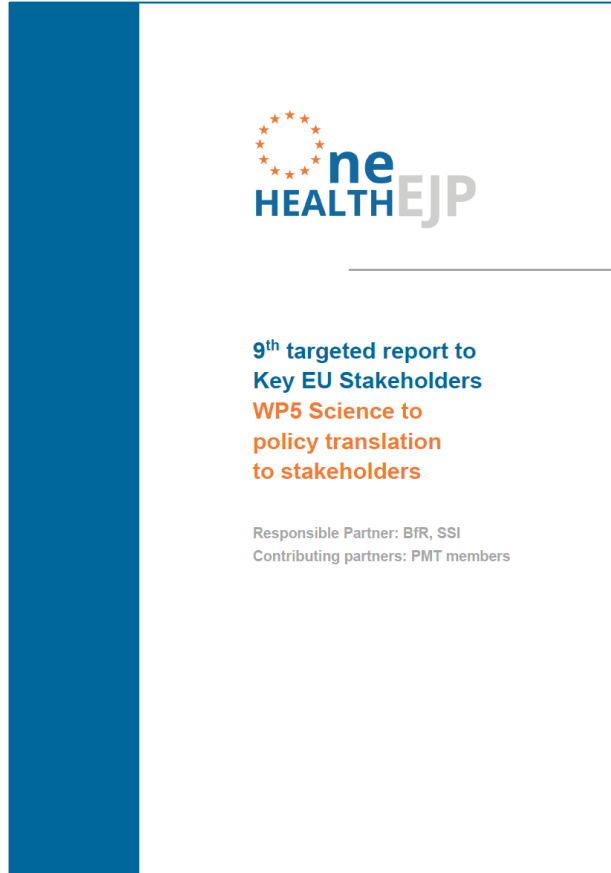
Publicly available: <https://onehealthejp.eu/outcomes/science-to-policy-translation/reports>



Thematic Reports:



One Health EJP Targeted Reports to Key EU Stakeholders



- **Targeted to ECDC and EFSA**, also for the use of EEA, EMA, FAO, WOAHA and WHO
- Updates on the consortium, information on upcoming events of interest for ECDC and EFSA
- Regularly published twice per year to keep stakeholders up to date and as background for Stakeholders Committee meetings

Not publicly available!

Dissemination Workshop series

- Target: national stakeholders -> various technical backgrounds
- Topics communicated directly by stakeholders:
 - **Metagenomics**
 - improving **One Health preparedness** to (re)emerging infectious threats
 - **Joint SimEx/Dissemination Workshop** lead by WP4
- By invitation only, but reports publicly available through [WP5 webpage](#)



Diss. Workshops' Reports:



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TAKE-HOME MESSAGES

Metagenomics techniques provide considerable advantages over current standard techniques, for example they are unbiased, allow simultaneous detection of different pathogens, are culture-independent and are applicable to different matrices.

Challenges and limitations include the need of large databases and technical expertise, as well as EU General Data Protection Regulation (GDPR) issues.

Results from metagenomic analyses have to be interpreted correctly, and require clear and transparent communication.

The apparent trend in Europe is that metagenomics techniques are entering the routine work of reference laboratories.

One Health EJP Dissemination Workshop Series: METAGENOMICS

The One Health EJP Dissemination Workshop on Metagenomics took place online on the 27th of October 2021.

It was organised by the Work Package 5 (WP5) Science to Policy Translation of the One Health EJP as part of the Dissemination Workshop series. The event targeted an audience with decisional power, mostly policy/decision makers and risk managers.

The presentations focused on the applicability of One Health EJP produced solutions, and how they can benefit the prevention, detection, and response to pathogens in One Health settings.

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TAKE-HOME MESSAGES

Given the emergence of many health threats at the animal-human-environment interfaces, multi-sectorial, One Health preparedness is essential.

Despite the One Health approach being well acknowledged for the prevention of health crises, preparedness actions are still mostly divided into several silos, especially at the national level, hindering cross-sectorial collaboration.

Habit and commitment to collaborate across sectors in times when there are no major crises makes cooperation in times of crisis smoother and more efficient.

One Health preparedness, and the One Health approach in general, should increasingly include sectors with the environment and social sciences, in particular, given the influence of climate change on human health – and One Health.

One Health EJP Dissemination Workshop Series: IMPROVING ONE HEALTH PREPAREDNESS TO (RE) EMERGING INFECTIOUS THREATS

The One Health EJP Dissemination Workshop on Improving One Health preparedness to (re)emerging infectious threats took place online on the 25th of March 2022.

It was organised by the Work Package 5 (WP5) Science to Policy Translation of the One Health EJP as part of the Dissemination Workshop series. The event targeted an audience with decisional power, mostly policy/decision makers and risk managers.

The presentations focused on the applicability of One Health EJP produced solutions, and how they can benefit the prevention, detection, and response to pathogens in One Health settings.

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TAKE-HOME MESSAGES

The multi-country One Health EJP Simulation Exercise (One Health EJP SimEx) conducted in 2022 is an example of learning from experiences across sectors and countries.

10 European countries shared how beneficial the One Health EJP SimEx conduction was to their national response teams.

The participating countries identified areas for future improvements in their outbreak response, including improved data sharing and enhanced communication across sectors.

All countries identified a willingness to participate in future simulation exercises.

One Health EJP Dissemination Workshop Series: Joint SimEx/Dissemination Workshop 'A ONE HEALTH SIMULATION EXERCISE AS A ROADMAP FOR FUTURE FOODBORNE OUTBREAK PREPAREDNESS'

The One Health EJP Joint SimEx/Dissemination Workshop 'A One Health Simulation Exercise as a roadmap for future foodborne outbreak preparedness', took place online on the 6th of December 2022. It was organised jointly by the SimEx Project Team of the Work Package 4 (WP4), and the Work Package 5 (WP5) Science to Policy Translation of the One Health EJP, as part of the Dissemination Workshop series. In addition to those who participated in the One Health EJP SimEx, the event targeted an audience with decisional power, including policy makers, decision makers and risk managers.

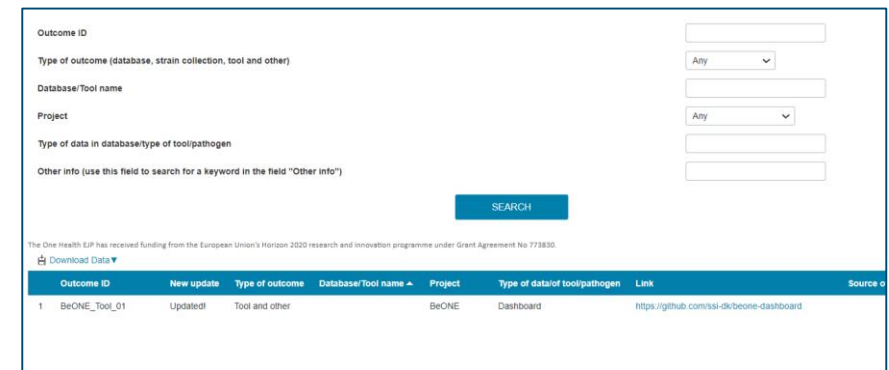
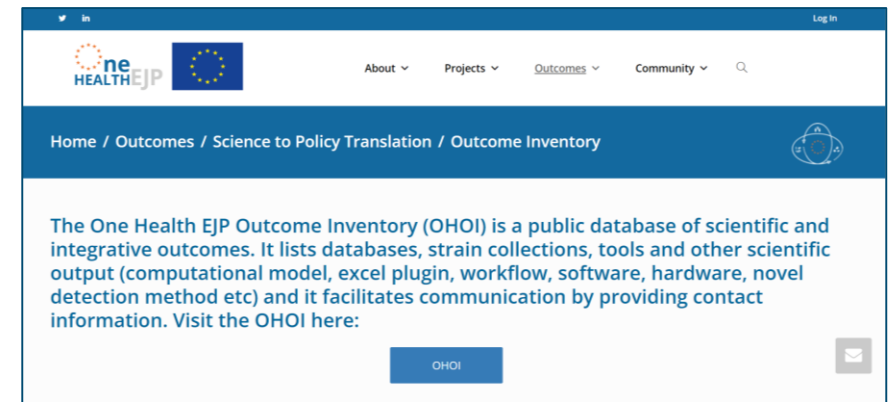
The presentations focused on the experiences from conducting the [One Health EJP SimEx](#), and applicability of One Health EJP-produced solutions to improve prevention, detection, and response to pathogens in One Health approach.



One Health EJP Outcome Inventory (OHOI)

Public database of **scientific and integrative outcomes**: <https://onehealthejp.eu/outcome-inventory/>

- databases, strain collections, tools and other scientific outputs (computational model, excel plugin, workflow, software, hardware, novel detection method etc)
- facilitates **communication** by providing contact information
- Main features
 - **Open access**
 - **Easy to use**: search by keywords
 - Regular **updates**
 - Entries **validated** by projects coordinators
- Important for impact



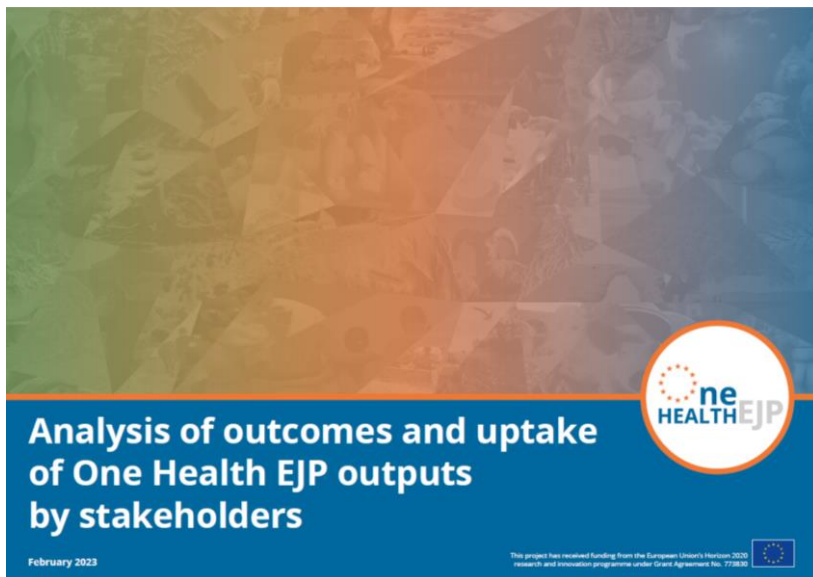
OHOI:





Analysis of outcomes for uptake by stakeholders

Full deliverable:



- Ensure that the main scientific outputs, protocols, databases, and other strategic integration activities will be **sustainable beyond the lifetime of the project**
- List of outcomes that address some of the **needs of ECDC, EFSA, DG-HEALTH and DG-AGRI (and beyond).**
- Available as full deliverable or as branded table

Only table:



JOINT INTEGRATIVE PROJECTS (IIP)	INTEGRATIVE STRATEGIC ACTIVITIES	JOINT RESEARCH PROJECTS (JRP)		
		FOODBORNE ZOONOSES	ANTIMICROBIAL RESISTANCE (AMR)	EMERGING THREATS
MATRIX: solutions to support and advance One Health surveillance COHESIVE: pathway analysis of detection of outbreaks	Design and implementation of surveillance activities	AIR-SAMPLE: air filters to detect <i>Campylobacter</i> in broiler houses NOVA: code to model disease spread and explore disease surveillance options		
OH-HARMONY-CAP: diagnostics, laboratories capabilities, capacities and interoperability collection tool	Laboratory methods	METASTAR: Guidelines for sequence based metagenomics disease surveillance TOKOSOURCES: Harmonised Methods for detecting <i>Toxoplasma gondii</i> contamination in fresh produce	IMPART: updated and improved detection protocols multicentre evaluation study results. New ESCAPE of veterinary antibiotics FARMED: Detection and Characterisation of unauthorised genetically modified microorganisms	TOX-Detect: database of protein profiles of foodborne toxigenic bacteria MAD-Vir: Tool to detect known viruses and discover new viruses
			WORLD-COM: predict/detect AMR from microbial samples and genomic sequences MedVetKlebs: The ZXR Assay, a Real-Time PCR method for the detection of <i>Klebsiella pneumoniae</i> in environmental samples	TELE-Vir: portable toolbox for identification and characterisation of emerging virus threats IDEMBRU: toolbox for rapid detection/identification of emerging <i>Brucella</i> species MEME: detection tools standardisation and data collection tools on <i>Echinococcus multilocularis/granulosus</i> in the food chain PARADISE: novel genotyping schemes and detection strategies for <i>Cryptosporidium</i> and <i>Giardia</i> detection

JOINT INTEGRATIVE PROJECTS (IIP)	INTEGRATIVE STRATEGIC ACTIVITIES	JOINT RESEARCH PROJECTS (JRP)		
		FOODBORNE ZOONOSES	ANTIMICROBIAL RESISTANCE (AMR)	EMERGING THREATS
CARE: database of strains and genomes for quality control analysis in food safety	Reference material and data	LISTADAPT: Algorithm for selecting strains to explore the diversity of strains circulating	ARDISC: collection of large number of genomes that can be used as reference material for AMR confirmation	
ORION: Framework for understanding and information exchange - One Health Surveillance Colex	Interpretation of surveillance data	ADONIS: decision making tool to determine causes and best interventions in human <i>S. Enteritidis</i> infections EACHONE: integrative solutions for foodborne pathogens surveillance	ARDISC: Compatibility between antimicrobial usage and AMR data to improve AMR surveillance	
COVIRIN: models for risk assessment of SARS-CoV-2		DISCOVIS: models and methods for attributing human foodborne infections to animal, food and environment sources TOXOSOURCES: methods to evaluate the relative contribution of different sources of <i>Toxoplasma gondii</i> infections MedVetKlebs: Multicentric Study of <i>Klebsiella pneumoniae</i> in European food products	FULL-FORCE: data on plasmid structure and variability of drug resistant organisms	
COHESIVE: information system that stores genomic data and metadata of pathogens from different countries (demo)				
COHESIVE: Risk Analysis System for zoonoses; FoodChainLab web application to trace suspicious food items; quantitative <i>shiny</i> <i>Brisk</i> application assessment toolbox; risk assessment Decision Support Tool	Cross-sector communication of data	BIOPRIGEE: education and training activities	FULL-FORCE: tool box for Single Molecule Real Time sequencing for AMR surveillance	
		NOVA: mathematic models for data combination and analysis for One Health syndromic surveillance systems	FED-AMR: new data on the role of extracellular DNA as an AMR source and on AMR spread in agricultural environment	
ORION: solutions for interoperability to improve data FAIRness - OHEIP: Glossary, One Health Linked Data Toolbox, Health Surveillance Ontology			RADAR: modelling methodology for AMR specific source attribution, disease burden	
COHESIVE: review on economic analysis of foodborne zoonoses	Action (prevention and response)	MoMIR-PPC Prevention & Control Measures against <i>Salmonella</i> at the poultry production level PRIGEE: biosecurity measures for the control of <i>Salmonella</i> and HEV in primary pig production and abattoir		

Stakeholder Conference: Collaborating to face future One Health challenges in Europe



Save the Date!
**Collaborating to Face Future
One Health Challenges in Europe**
a One Health conference

Date: 19th to 21st June 2023

Location: [Museum of Natural Sciences](#), Brussels

Audience: Departments and executive agencies of the European Commission;
Agencies of the European Union;
One Health and other scientific initiatives;
Associations for human, animal, and environmental health - private sector,
citizen, farmers, or patients associations;
General and specialised press.

Website: [for further information](#)

Registration: [here](#)

- Two Aims:
 - To have additional **impact** at the scientific, policy, societal and economic level, and to support **sustainability** of One Health EJP outcomes
 - To provide a **forum for discussion** to wide range of stakeholders
- At the Museum of Natural Sciences in Brussels and online (free of charge), 3 days: 19th-21st June 2023.
- Almost 1000 registrations, 120 present on-site, hundreds online
- <https://onehealthejp.eu/outcomes/science-to-policy-translation/stakeholder-conference-2023>



Conference website:



@OneHealthEJP ONE Health EJP
#OneHealthEJP #StrongerTogether

Stakeholder Conference: a wide target audience

Policy and
decision makers

Civil society

Private sector

Scientists

Press

- EU and international agencies (ECDC, EFSA, EEA, EMA, FAO, WOA, WHO-Euro)
- EC DGs: SANTE, AGRI, RTD, ENV, JRC, REA
- National stakeholders: representatives of ministries, risk managers
- NGOs, farmers, veterinary, animal welfare, public health, consumers and multi stakeholders associations
- Industry associations (human and animal pharma industry, food and feed industry)
- One Health and scientific initiatives
- Specialised (and popular) press

Conference
website:





Ad hoc support to reach impact

After creation of **trust** between stakeholders and your network (dependent on successful targeted dissemination)

- Facilitate **operationalisation** of outcomes
 - Knowledge to **inform policies**
 - **Advocacy** of the One Health approach
 - Support **sustainability**
- Targeted request for assistance (e.g. Quadripartite, WOAAH, WHO)
 - Request for outcomes to be included in stakeholders' toolboxes (e.g. TZG-SISOT, WHO compendium)
 - Contribution to stakeholders' consultations (direct input to EU policies)
 - Invitation to join stakeholders' groups (e.g. WHO-GOARN, Partner Platform of the Regional One Health Coordination Mechanism)
 - Contribution to meetings (e.g. ONE2022 side event, EFSA Summer Schools) and joint publications

Thank you for your
attention!



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