

## The One Health EJP as an opportunity for cross-sector collaboration

(10)(2e)



(10)(2e)

“To any Interested Party”

19 May, 2020



## One Health EJP key facts

- European Joint Programme Co-fund (EJP) under Horizon 2020, only in H2020
- Details of the OHEJP
  - 5 years project, started in January 2018
  - ANSES (FR) Coordinator, Sciensano (BE) deputy
  - 38 organisations, 19 EU countries
  - Partners have **received mandate** from authorities
  - **Total cost** <sup>(10)(1c)</sup> 50% EU co-funded
  - **11+(13)** Joint Research and **2+(3)** Joint Integrative projects in **two internal calls**
  - Education and training activities
    - **17 PhD** students
    - 50+ Short Term Missions
    - 5 major workshops and Summer Schools
    - Continuing Professional Development module





## One Health EJP main objectives

- To develop and support the **European network** of public mission organisations with **reference laboratory functions** on infectious diseases
- Institutions **with mandate from their authorities:** ministries and/or food agencies
- The EJP integrates **public health, animal health and food scientists** in the field of food and feed safety
- To improve **prevention, detection and response** in the fields of **foodborne zoonoses, antimicrobial resistance** and emerging infectious threats
- Through **integration and alignment** of approaches and methodologies of joint priority and through deciding on a **joint research agenda**
- This One Health EJP is an **opportunity to facilitate** the quality and compatibility of **information for decision making**, across all sectors in the food chain





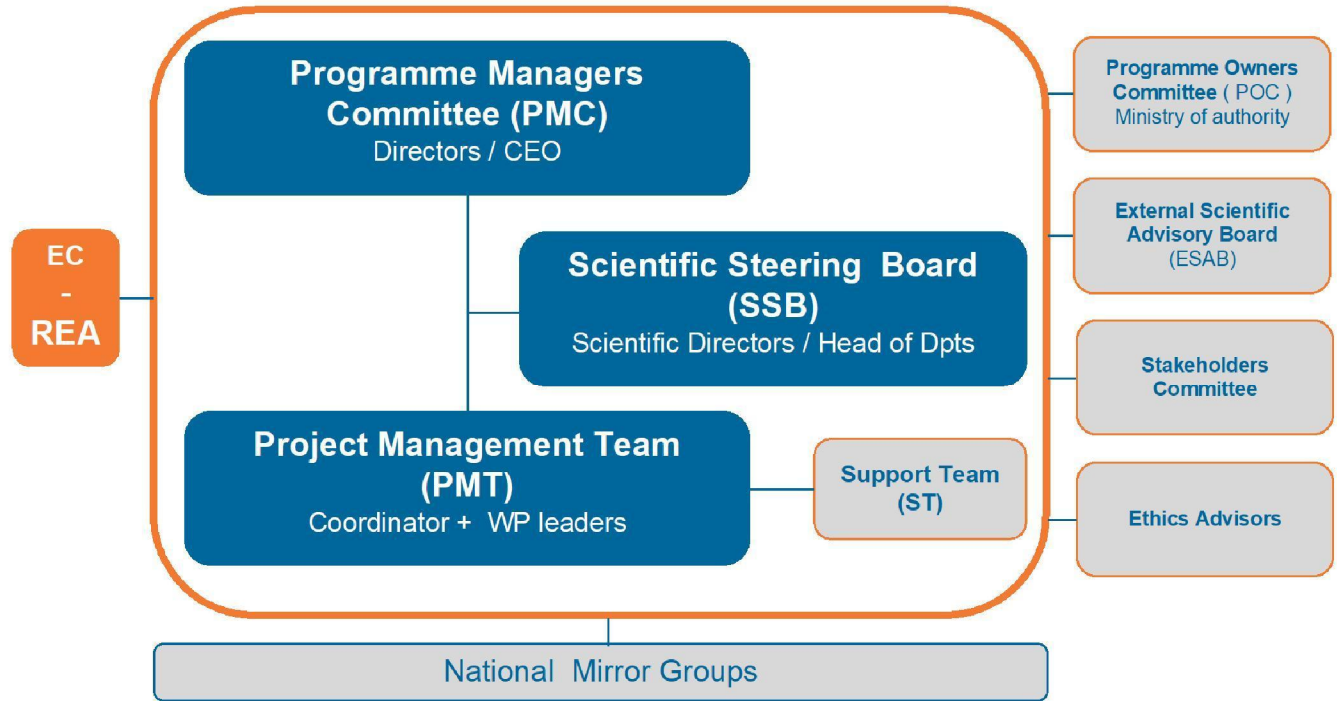
## One Health EJP scope and budget

« One Health »				
Zoonoses		Emerging threats	Integrative Activities	Education & Training
<b>Foodborne Zoonoses</b>	<b>Antimicrobial Resistance</b>	Zoonotic potential suspected	Joint data Harmonisation of protocols Common frameworks for surveillance and control	17 PhDs 50+ STMs 5 Workshops 4 Summer Schools 4 continuing professional development modules
Bacteria, viruses, parasites, prions	Transmission by food or not	Non-foodborne zoonoses Foodborne zoonoses		
11 projects (10)(1c)	7 projects (10)(1c)	6 projects (10)(1c)	5 projects (10)(1c)	(10)(1c)

Total: (10)(1c) scientific and integrative activities

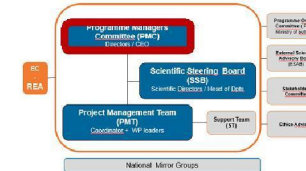


# Governance of One Health EJP





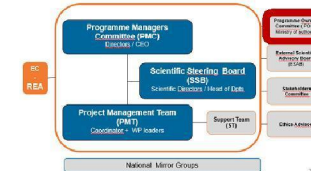
## Role of Programme Managers



- The PMC represent the **Reference Laboratories** and is the **overall governing body** of One Health EJP
  - With support from Scientific Steering Board: EJP's progress, validation of activities
- The PMC monitors the One Health EJP **activities** and its **strategy**
  - **Validate** the **finances** and potential IPR
  - Approve the evolution of the **consortium composition**
  - **Collaborate with Programme Owners**
    - Is the One Health Strategic Research Agenda consistent with / contributing to the national research agendas?
    - How can the One Health EJP's outcome last beyond its end date (sustainability)?
  - **Ensure direct contact with the relevant EU agencies** (EFSA, ECDC) and also possibly with international stakeholders (OIE, WHO, FAO)
- The PMC meeting is an **opportunity to meet with peers** in Europe



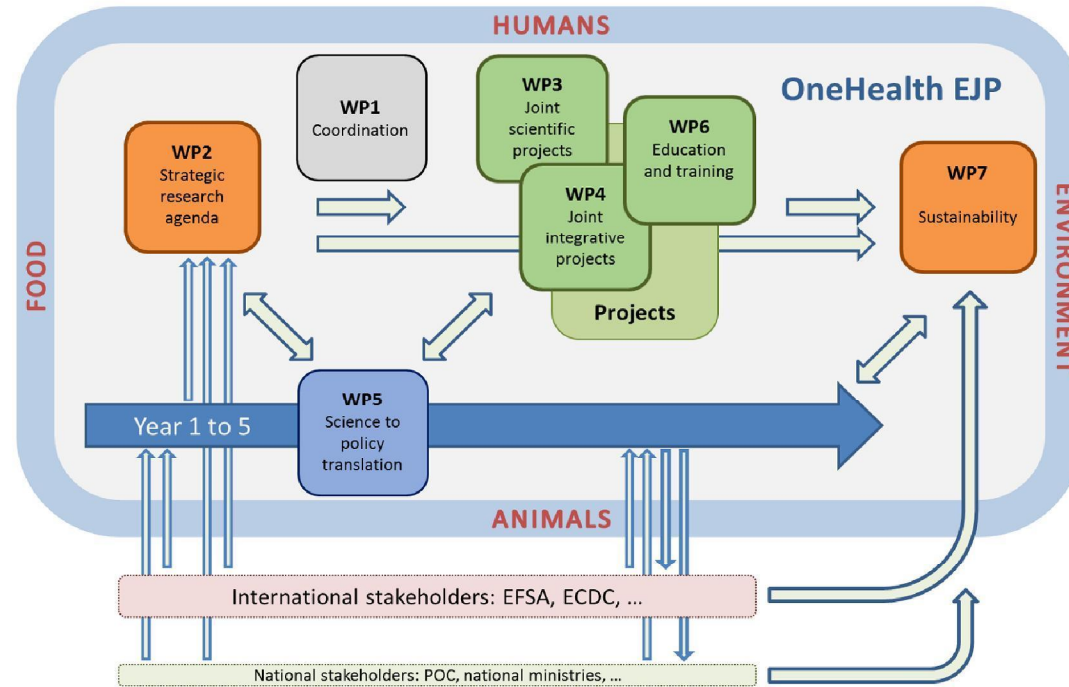
## Role of Programme Owners



- **Initial role:** **Relevant Ministries** have given the mandate to the Programme Managers to participate in One Health EJP
  - Agreement to use existing budgets of ongoing programmes (no extra budget required)
- **Recurrent role:** as non-participants keep aware of One Health EJP's activities and outcome
  - Yearly POC meeting
    - Meeting with peers in Europe, including CEOs
  - Mirror groups
  - During formal & informal meetings, i.e. with Programme Managers, conferences, meetings with researchers, ...
- **Supportive role** at the end of the One Health EJP: to back its sustainability

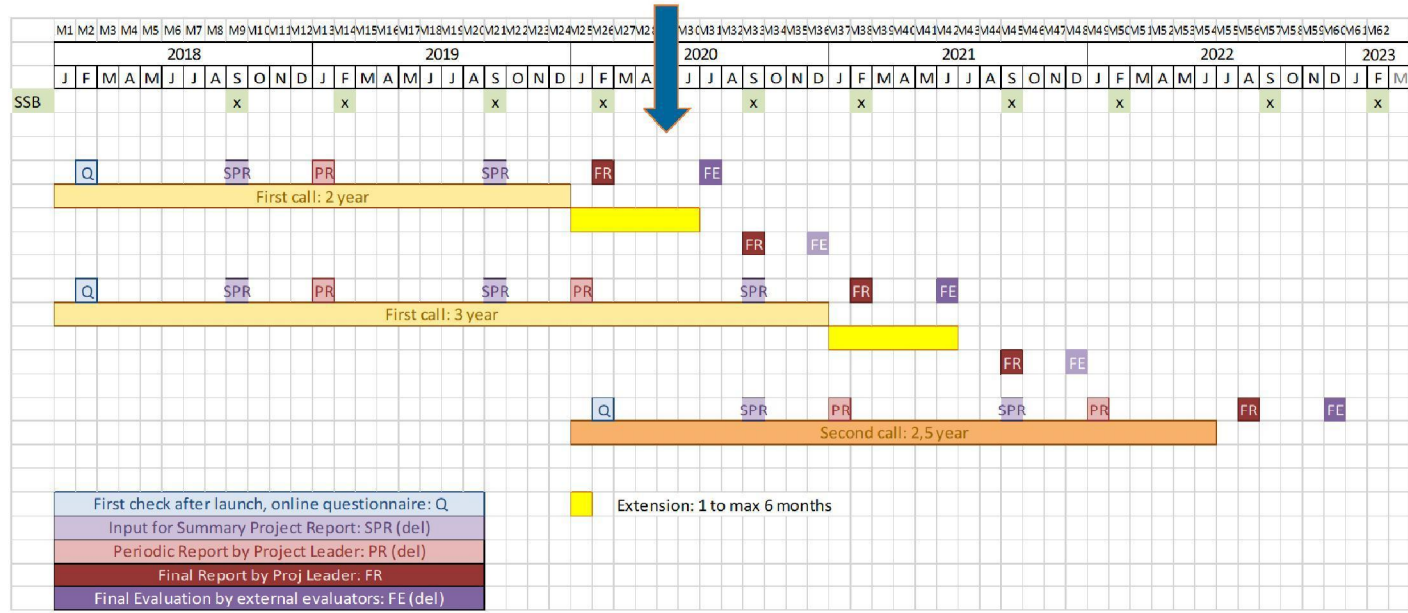


# The Work Packages of One Health EJP





# Internal cals: Planning of the projects





## One Health EJP scientific activities



Creating a network of public institutes doing reference tasks and research on food-borne zoonoses, antimicrobial resistance and emerging zoonotic threats



Joint Research  
Projects (JRPs)



Joint Integrative  
Projects (JIPs)



Education  
& Training

See website [link](#) for SRA of One Health EJP, basis for the two internal calls



## Research Projects (JRPs)

- Typical scientific studies addressing **specific research objectives**
- May also contain long term **supportive integrative actions**
  - Capacity building / training, incl. ring trials, input for risk analysis
  - Experimental facilities
  - Detection / typing methods / protocols / GLP
  - Strain collection / reference materials / bio-banks
  - Digital infrastructure / databases / data sharing protocols / data access / bioinformatics
  - Surveillance strategies / reporting / signalling
  - Legal / policy aspects



## Integrative Projects (JIPs)

- Aim at developing **harmonization of approaches, methodologies, databases and procedures** for the assessment and management of foodborne hazards, emerging threats and AMR across Europe
  - E.g. platforms for uploading, sharing and analysing sequence data, experimental facilities, biological collections and/or risk assessment structures
- This will improve the quality and compatibility of information for decision making by the authorities, the **core business of One Health EJP**
  - Requirement: animal health-public health representation
- The deliverables **should become integrated into the work processes of project partners**; impact-oriented and sustainable, long term outcome



## OHEJP activities, started in 2018

Creating a network of public institutes with reference tasks and research on food-borne zoonoses, antimicrobial resistance and emerging zoonotic threats



**11** Joint Research Projects (JRPs)

**AMR:** IMPART, ARDIG, RaDAR; **ET:** MAD-Vir, TOX-Detect  
**FBZ:** NOVA, LISTADAPT, METASTAVA, AIR Sample, MoMIR-PPC, MedVetKlebs



**2** Joint Integrative Projects (JIPs)

COHESIVE and ORION



Education & Training activities

**4 PhDs**, Summer School, Short term missions and CPD modules



## New OHEJP activities, started in 2020

Creating a network of public institutes with reference tasks and research on food-borne zoonoses, antimicrobial resistance and emerging zoonotic threats



**13 Joint Research Projects (JRPs)**

**FBZ:** DISCOVER, BIOPIGEE, TOXOSOURCES, ADONIS, BeONE; **ET:** TELE-Vir, IDEMBRU, MeME, PARADISE  
**AMR:** FARMED, WORLDCOM, FULL-FORCE, FEDAMR



**3 Joint Integrative Projects (JIPs)**

CARE, OH-HARMONY-CAP, MATRIX



**Education & Training activities**

**12 PhDs**, Summer Schools, Short term missions, Workshops and CPD modules



# OHEJP runs 29 JRP & JIP (+ 17 PhD)

	2018												2019												2020												2021												2022											
	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	M13	M14	M15	M16	M17	M18	M19	M20	M21	M22	M23	M24	M25	M26	M27	M28	M29	M30	M31	M32	M33	M34	M35	M36	M37	M38	M39	M40	M41	M42	M43	M44	M45	M46	M47	M48	M49	M50	M51	M52	M53	M54	M55	M56	M57	M58	M59	M60
JIP01-R1-IA1.1-ORION													ORION																																															
JIP02-R1-IA1.2-COHESIVE													COHESIVE																																															
JIP03-R2-IA2.3-CARE																																					CARE																							
JIP04-R2-IA2.2-OH-HARMONY CAP																																					OH-HARMONY-CAP																							
JIP05-R2-IA2.1-MATRIX																																					MATRIX																							
JRP01-R1-AMR1-IMPART													IMPART																																															
JRP02-R1-AMR2-ARDIG													ARDIG																																															
JRP03-R1-AMR3-RADAR													RADAR																																															
JRP04-R1-ET1-MADVIR													MADVIR																																															
JRP05-R1-ET1-TOXdetect													TOX-Detect																								ev																							
JRP06-R1-FBZ1-NOVA													NOVA																																															
JRP07-R1-FBZ2-LISTADAPT													ListAdapt																																															
JRP08-R1-FBZ2-METASTAVA													METASTAVA																																															
JRP09-R1-FBZ3-AIR-SAMPLE													AIR-Sample																																															
JRP10-R1-FBZ3-MoMIR-PPC													MoMIR																																															
JRP11-R1-FBZ4-MedVetKlebs													MetVetKlebs																																															
JRP12-R2-AMRH5-FARMED																																					FARMED																							
JRP13-R2-AMRH5-WORLDCOM																																					WORLDCOM																							
JRP14-R2-AMR2.1-FULL-FORCE																																					FULL-FORCE																							
JRP15-R2-AMR2.1-FED-AMR																																					FED-AMR																							
JRP16-R2-ET2.2-TELE-Vir																																					TELE-Vir																							
JRP17-R2-ET2.2-IDEMBRU																																					IDEMBRU																							
JRP18-R2-ET1.1-MeMe																																					MeMe																							
JRP19-R2-ET1.1-PARADISE																																					PARADISE																							
JRP20-R2-FBZSH3-DISCOVeR																																					DISCOVER																							
JRP21-R2-FBZ3.1-BIOPIGEE																																					BIOPIGEE																							
JRP22-R2-FBZ4.1-TOXOSOURCES																																					TOXOSOURCES																							
JRP23-R2-FBZSH5-ADONIS																																					ADONIS																							
JRP24-R2-FBZSH9-BeONE																																					BeONE																							



## Other Joint Activities

- **Cogwheel meetings** (or TC/Adobe Connect) to define the future plan of collaboration
  - COMPARE
  - EFFORT
  - INNUENDO, IRIDA & COMPARE
  - JPI AMR
- **Integrative missions or mobility activities** aim at supporting integration among OHEJP partners, with special focus on on-going JIPs
- **COVID-19:** JIP “Development and harmonization of detection and characterization methods for SARS-CoV2 in humans, animals, and food and feed specimens” + overview role veterinary labs in diagnostics ([Latest News](#))
- Also **data management** and data sharing: DMP, OpenAIRE and Zenodo



## Education & Training

- **Doctoral Training Programme:** 16 PhD on AMR, FBZ, ET
- Short Term **Missions:** 4 in 2019
- 'One health' **Summer School** for medical and veterinary science undergraduates
  - University Surrey, Wageningen Bioveterinary Research and Public Health England, July 2019
- One-Health **Continuing Professional Development (CPD)** Module
- **Workshop** Programme (satellite to Annual Scientific Meetings)
- Communications and Media (CaM) workshop

## Projects, Education & Training: website

The screenshot displays the website's navigation structure. The top navigation bar includes 'Dashboard', 'My Events', 'Members', and 'Groups'. Below this, a secondary menu features 'About', 'Consortium', 'Projects', 'Training', 'Outcomes', 'News', and 'Contacts'. Two orange arrows point from the 'Projects' and 'Training' menu items to their respective dropdown lists. The 'Projects' dropdown lists 11 projects (JRP1 ORION to JRP11 MedVetKlebs). The 'Training' dropdown lists 'The Doctoral Programme', 'Short Term Missions (STMs)', 'The OHEJP Summer School', 'Continuing Professional Development Module', 'ASM Satellite Workshop', and 'Communication and Media Workshop'. The main content area features the 'One Health European Joint Programme' title, a description of the partnership, and a 'LEARN MORE' button.

**One Health European Joint Programme**

A landmark partnership between 39 partners, including acclaimed veterinary and medical laboratories and institutes across Europe and the Vet-Net Association.

[LEARN MORE](#)

**Projects**

- JRP1 ORION
- JRP2 COHESIVE
- JRP1 IMPART
- JRP2 ARDIG
- JRP3 RaDAR
- JRP4 MAD-Vir
- JRP5 TOX-detect
- JRP6 NOVA
- JRP7 LISTADAPT
- JRP8 METASTAVA
- JRP9 AIR-SAMPLE
- JRP10 MOMIR-PPC
- JRP11 MedVetKlebs

**Training**

- The Doctoral Programme
- Short Term Missions (STMs)
- The OHEJP Summer School
- Continuing Professional Development Module
- ASM Satellite Workshop
- Communication and Media Workshop

Please see [www.OneHealthEJP.eu](http://www.OneHealthEJP.eu) for more information!



## Outward dissemination

- Exchange and communication with **EU stakeholders**, in particular with the European Centre for Disease Control and Prevention ([ECDC](#)) and the European Food Safety Authority ([EFSA](#)), but also with the national stakeholders (e.g. mirror groups)
  - **Science to policy**: feed the evidence based risk assessment and therefore the management of risks by the competent national and European authorities; prevent-detect-response; support preparedness
  - Recent outreach to **other strategic stakeholders and networks**, i.e. FAO, OIE, WHO-EU, [EEA](#), [EMA](#), [GHSA](#), etc.
- Four **Annual Scientific Meetings** are planned; peer reviewed publications (open access); dissemination strategy to **enhance impact**



## Links with other EU Partners and initiatives

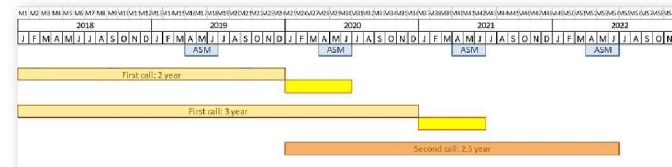
- Exchange with **EU funded projects and networks**: [JPI AMR](#), [COMPARE](#), [EFFORT](#), but also [OH Platform](#) (Coalition partner), [JAMRAI](#), [SCAR CWG AH&W](#), [IRC STAR-IDAZ](#), [AVANT](#), etc.
- **GoGlobalGoal**: to participate in other relevant international meetings: [ECCMID 2019](#), [IAFP 2020](#), [\(GMI\)](#), [NEOH](#), [GOARN](#), etc.
- **Synergies** with these projects
  - Avoid duplication
  - Improve integration
  - Increase visibility
- To participate to the respective stakeholders fora/committees
- To strengthen the **sustainability plan**





## Sustainability

- **SWOT analysis** of One Health EJP
  - Very useful feedback; to be fully exploited
- Gathering Stakeholders' needs and expectations
- Exploiting scenario's for **extension**
  - Horizon EU Partnerships (see [position paper](#))
- Strategic Research and Innovation Agenda (SRIA) 2021-2030
- To develop a credible strategy for the years to come
  - Important to identify those activities that are most appropriate for continuation beyond 2022





## Annual Scientific Meetings

Dissemination, networking, integration, visibility

#OHEJPASM2019 in **Dublin**, May 2019

Three ahead:

- #OHEJPASM2020 in **Prague**, May 2020
  - Turned into an **online** conference



Prague 2020



### OHEJP ASM 2020 is an online event!

Open to all interested, pre-registration is needed. Those who have registered will receive instructions how to access the event.

There is no registration/participation fee to this year's online ASM!

One Health EJP  
Meeting 2020!





Thank you for your  
attention!

