

WOAH Collaborative Centre Reports Activities 2025

This report has been submitted: 30 janvier 2026 15:45

CENTRE INFORMATION

*Title of WOA Collaborating Centre	Veterinary Training and Capacity Building
*Address of WOA Collaborating Centre	Istituto Zooprofilattico Sperimentale dell'Abruzzo e del Molise (IZSAM), Campo Boario, 64100 Teramo, Italy
*Tel:	+39 0861 33.27.22
*E-mail address:	s.dalbenzio@izs.it
Website:	www.izs.it
*Name Director of Institute (Responsible Official):	Nicola D'Alterio
*Name (including Title and Position) of Head of the Collaborating Centre (WOAH Contact Point):	Ms. Silvia D'Albenzio, Head of the Project Development and Management Centre
*Name of the writer:	Francesca Pompei, Silvia D'Albenzio

TOR 1 AND 2: SERVICES PROVIDED

1. Activities as a centre of research, expertise, standardisation and dissemination of techniques within the remit of the mandate given by WOA

Category	Title of activity	Scope
Training, capacity building (true)	CONTRAT DE JUMELAGE n° ENI/2022/433-530 Renforcement du dispositif national d'encadrement vétérinaire de la santé animale – TN 18 ENI AG 01 21 (2022-2025)	The general objective of the project among IZSAM (Italy) and the Ministry of Agriculture of France and Tunisia is to promote human health in line with the "one health" approach, animal health and welfare and primary animal production and trade at European and international level. The specific objective is to strengthen the Tunisian national health system in order to improve the control of animal health risks and to promote trade.
Training, capacity building (true)	MediLabSecure3. Preventing biological risks increased by environmental and climate change in the Mediterranean, Black Sea and Sahel regions by strengthening a structured, inclusive and institutionalized One Health approach (2022-2025)	The MediLabSecure project, funded by EU through the CBRN excellence initiative, aims to strengthen a network of laboratories and health institutions to prevent vector-borne diseases in 22 countries around the Mediterranean, Balkans, Black Sea, Maghreb and Sahel regions. Enhancing preparedness and response capacities to vector-borne diseases by promoting a One Health approach is the core of MediLabSecure project.

<p>Training, capacity building (true)</p>	<p>Development of a self-assessment and monitoring platform on the WOAAH standards: SAM TOOL 2.0 project (2022-2025)</p>	<p>The general objective of this project is to develop a web-based self-assessment and monitoring methodology to assist countries in making progress on the agreed vision of full compliance with the WOAAH standards on stray dog population control in Europe. The SAM 2.0 platform represents a permanent and evolving IT data management tool at low risk of obsolescence, with a low-cost localisation of the questionnaire and the reports (including right to left languages). Being easily scalable to other WOAAH standards with minor efforts and investments, it can be considered a cornerstone of a topic-based observatory.</p>
<p>Training, capacity building (true)</p>	<p>European Reference Centre for the welfare of ruminants and equines (EURCAW Ruminants & Equines)</p>	<p>In May 2021, the Commission designated a third EU Reference Centre for animal welfare focusing on the welfare of ruminants and equines (Commission Implementing Decision (EU) 2021/755). The tasks of this centre include supporting the Commission and the Member States in the application of animal welfare requirements for ruminants and equines, carrying out scientific and technical studies, as well as conducting training courses and disseminating research findings and information on technical innovations. The centre is constituted of a consortium led by the Swedish University of Agricultural Sciences and the Swedish Centre for Animal Welfare (Sweden), and also composed of the University of Natural Resources and Life Sciences (Austria), the Ellinikos Georgikos Organismos-Dimitra/Veterinary Research Institute (Greece), the National Institute for Agriculture, Food, and Environment (France), the University College Dublin (Ireland) and the Istituto Zooprofilattico Sperimentale dell'Abruzzo e del Molise "G. Caporale" (Italy). IZSAM is participating in all the activities of the Centre and is leading the training activities.</p>
<p>Training, capacity building (true)</p>	<p>One Health Award</p>	<p>One Health One Earth is the watchword of our time marked by the pandemic and threats to the ecosystem. Putting this slogan at the centre of the public scene, the international One Health Award (OHA) honours One Health One Earth as the revolution necessary to face new challenges. For a long time, it was thought that the safety of humanity was in protecting themselves from nature; then that it was in distancing oneself from nature. The recent awareness is that our health safety is with nature, indeed it consists of the safety of nature itself. This year the appointment with the One Health Award was for the days from 10 to 11 October 2025. During those days in the city of Teramo all together scholars, opinion makers, representatives of institutions, and protagonists of culture and entertainment brought to the centre of attention, the urgent need for a change of mentality and perspective. This year scientists from all over the world, alongside experts and policymakers, met to confront the theme of "New Geographies."</p>
		<p>The three-year project, funded by the European Education and Culture Executive Agency (EACEA) in</p>

- -

Training, capacity building (true)	Food Law At Vocational Education And Training (FLAVEAT) (2023-2026)	the framework of the Erasmus+ Programme, aims to offer a complete vocational education training programme on food legislation to professionals employed in the food sector in various roles and functions.
Training, capacity building (true)	EU Twinning Project "Appui au renforcement du dispositif de surveillance et de contrôle de la qualité et conformité sanitaire et phytosanitaire des produits agricoles et agroalimentaires à Madagascar" - MG 19 FED AG 01 21 (2022-2025)	The project aims to secure and increase trade in agricultural and agri-food products between Madagascar and the islands of the Western Indian Ocean Region, as well with the EU and to improve the performance of agricultural sector in Madagascar in terms of quality and sanitary and phytosanitary compliance of agricultural and livestock products.
Training, capacity building (true)	Provision of support to EFSA and to ECDC in the production of the EU One Health Zoonoses report and in related zoonoses online interactive data visualisation dashboards and zoonoses story maps (OC/EFSA/BIOCONTAM/2020/03) (2021-2025)	The service aims to prepare the EU One Health Zoonoses report for the years 2020-2023 and to produce several interactive online zoonoses data visualisation dashboards and zoonoses story maps to innovate and enhance the communication of this report in order to address properly the needs of the risk managers as the volume and quality of submitted data increase every year, and the EU One Health Zoonoses reports need to be produced and published with limited resources within short deadlines (11 months).
Training, capacity building (true)	MEDiterranean NETwork for One Health (MEDNET 4OH) (2024-2027)	The 'MEDNET 4OH' project, MEDiterranean NETWORK for One Health, is a multidisciplinary initiative funded by the Italian Agency for Development Cooperation (AICS) aimed at improving the capacity to monitor and control the spread of emerging, re-emerging and endemic infectious diseases in Tunisia using the 'One Health' approach.
Training, capacity building (true)	EquiNotio: development of the potential of the national equine database in the field of non-DPA equines (2022-2025)	The project 'Equinotio', in continuity with the project 'Social Network Analysis and Innovative Diagnostic Methods for the Control of Movement and Infectious Diseases of Horses in Italy' (SNAI), intends to strengthen the protection on the health and welfare of equines not destined for Food Production (non DPA), in particular with regard to the spread of infectious diseases through the movement of international competition horses.
Training, capacity building (true)	WOAH Twinning project for Laboratory Biosafety and Biosecurity System, standardisation of laboratory performance and whole genome sequencing (WGS) by next generation sequencing (NGS) technology and bioinformatic analysis (2024-2026)	The main objective is to improve the knowledge and technical skills of INMV staff, in order to enable the Algerian veterinary laboratory to meet the requirements for biosafety and biosecurity, to support molecular epidemiology and phylogenetic analysis by whole genome sequencing (WGS) of emerging and re-emerging viral strains responsible for disease outbreaks and to organise and manage the proficiency tests for evaluating and harmonising the laboratory methods performance. These increased capacities will reinforce the efficacy of the surveillance of infectious disease outbreaks and facilitate the tracing of the source of infection, whether it is natural, accidental or deliberate in origin.
		WiLiMan-ID addresses the complexity and the dynamics of the host-pathogen interactions for five animal infectious diseases (IDs) that are ranked as high priority by the EU (Avian influenza, African

<p>Training, capacity building (true)</p>	<p>Ecology of Wild-life, Livestock, huMan and Infectious Diseases in changing environments (WiLiMan-ID) (2023-2028)</p>	<p>swine fever, West Nile fever, African horse sickness, and Chronic wasting disease). These IDs circulate in livestock and wildlife and, at the human-animal interfaces: two are causing severe economic losses to farming systems and three represent a threat to human health. The main objective of WiLiMan-ID is to identify key factors driving their emergence and dissemination in ever-changing environments by integrating data at different scales (pathogens>host>community of hosts>territory) and, to provide farmers, health services and policy makers with innovative strategies and methods for prevention, surveillance and control for the IDs considered in WiLiMan-ID and beyond.</p>
<p>Training, capacity building (true)</p>	<p>SCuola d'AlTA formazione REgionale per l'innovazione in One Health (SCALARE)- Regional School of Advanced Training for Innovation in One Health (2025-2028)</p>	<p>SCALARE marks a major milestone in the long-standing scientific collaboration between IZSAM and the University of Teramo (UNITE). The project was jointly submitted in response to the national call launched by the Italian Agency for Territorial Cohesion to support research, technology transfer, and advanced education in regions affected by the 2016 earthquakes. Approved for funding with a total financial contribution of €5 million, SCALARE aims to establish a Regional School of Advanced Training designed to:</p> <ul style="list-style-type: none"> • develop a collaborative and intersectoral territorial model involving universities, research centres, and enterprises at regional, national, and international levels to address global health challenges through the One Health approach; • train future generations of One Health researchers through dedicated doctoral and postdoctoral programmes; • enhance regional attractiveness, particularly in the Province of Teramo, by strengthening specialised advanced training in the health sector. <p>The project officially started on 1 April 2025 and will run until 30 September 2028. It currently involves 12 PhD researchers working on joint One Health research projects, while 11 postdoctoral researchers are in the process of being recruited. Through its multidisciplinary and international network, SCALARE aims to become a national and international reference hub for advanced education, research, and innovation in human, animal, and environmental health, fully aligned with the integrated One Health paradigm.</p>
<p>Training, capacity building (true)</p>	<p>Supporting livestock holders in North East Syria- SU.Li.N.E.S.Phase II (2025-2026)</p>	<p>The initiative aims to improve capacity to treat and detect animal diseases considered as national priority in Syria.</p>
<p>Training, capacity building (true)</p>	<p>MIPRO-Sud: Improving Food Production in Sudan through Support to Small-Scale Producers in the Agriculture, Fisheries, and Livestock Sectors in Red Sea and Kassala States (2025-2027)</p>	<p>The initiative aims to improve capacity to detect and control high economic impact infectious animal diseases improved in Sudan.</p>
<p>Training, capacity building (true)</p>	<p>SPARROW: Seeking Preemptive Antiviral Responses and Rapid diagnostic tools for West Nile Virus Outbreaks in One Health Approach (2024-2026)</p>	<p>The project aims to find preventive antiviral responses and develop rapid diagnostic tools for West Nile virus outbreaks using a One Health approach. The project was funded by the Ministry of Health and is led by the Lombardy Region in</p>

--

		<p>consortium with IZSLER, UNI Magna Grecia of Catanzaro, IZSAM and ASST Spedali Civili of Brescia.</p>
<p>Training, capacity building (true)</p>	<p>Filling the gap: production and validation of reagents and tools for the diagnosis and control of camel-specific pathogens (2024-2026)</p>	<p>The project, funded by WOA, is part of the collaboration between IZSLER, IZSAM and the Biosecurity Affairs Division of ADAFSA (United Arab Emirates-UAE), launched in 2016 to consolidate the capacity of the WOA Collaboration Centre for Camel Diseases-ADAFSA Biosecurity Affairs Division in the diagnosis of camel diseases. Specifically, activities involve the production and validation of specific reagents for the diagnosis and control of infectious diseases to strengthen the capacity of the WOA Collaboration Centre in this regard.</p>
<p>Training, capacity building (true)</p>	<p>Letter of Agreement between FAO and IZS Teramo for provision of "Advanced Training in Beekeeping Health: Epidemiology, Laboratory Diagnosis of Bee Diseases and Honey Quality Analysis" (2024-2025)</p>	<p>The apiculture sector plays a vital socio-economic role across many regions, providing significant benefits through the exploitation of diverse melliferous resources and the production of a wide range of hive products such as honey, beeswax, propolis, royal jelly, and pollen. Bees are fundamental actors in ecosystems, as they perform a crucial role in the pollination of both wild and cultivated plants. This pollination process not only increases agricultural yields but also contributes to enhanced food security, supports rural economies, preserves genetic diversity, and maintains overall biodiversity in natural habitats. In the Maghreb countries — specifically Morocco, Algeria, Tunisia, and their neighbours—the apiculture sector faces a series of persistent and emerging challenges. Within this broader framework, a blended training initiative was carried out to improve expertise in disease identification, epidemiological monitoring, and risk mapping, to strengthen early detection systems and containment efforts against bee pathologies. The target group of beneficiaries for the first online course was represented by UMA Nationals laboratory technicians. The second practical residential training course was attended by 9 participants (2 from Algeria, 1 from Libya, 2 from Mauritania, 2 from Tunisia and 2 from Morocco). The online course was delivered over two training days. Even if online, the methodological approach adopted was rich in practical examples and case studies. The second 3-day residential course was organised in a theoretical and a more practical part: the former, common to both groups, was mainly based on critical issues and prospects in the beekeeping sector. For the more practical part, the participants were divided into two groups, depending on their area of major interest. One group followed theoretical-practical lessons mainly focused on bee health, while the other on honey quality.</p>
<p>Training, capacity building (true)</p>	<p>Defining Ecoregions and Prototyping on Earth Observation (EO)-based Vector-borne Disease Surveillance System for North Africa PROVNA2 (2024-2026)</p>	<p>The project PROVNA2 is the second phase of the PROVNA project and aims at establishing a risk-based surveillance system across North Africa for mosquito-borne disease (MBDs), using the eco-regionalization method developed in the so-called "phase 1" of the PROVNA project (Defining Ecoregions and Prototyping on EO-based Vector-</p>

- -

		borne Disease Surveillance System for North Africa), and capitalising on its findings and recommendations.
Training, capacity building (true)	European network for medical and veterinary entomology – VECTORNET3 (2024-2026)	In the framework of the project “European network for medical and veterinary entomology – VECTORNET3 – Framework contract number EFSA/2023/OP/0009 (OC/EFSA/BIOHAW/2023/05)”, jointly funded by EFSA and ECDC, Avia-GIS, a privately owned SME, the Operator and Delegate Contractor, entrusts specific activities to IZSAM through a specific agreement
Training, capacity building (true)	LOA 369982 - European reference laboratory services in support to the EuFMD work programme for improving Rift Valley fever emergency preparedness in Europe and its neighbourhood (2024-2026)	With the Letter of Agreement for provision of “European reference laboratory services in support to the EuFMD work programme for improving Rift Valley fever emergency preparedness in Europe and its neighbourhood”, IZSAM, as European Reference Laboratory, provides services to FAO in support to the EuFMD Work Programme for improving RVF emergency preparedness in Europe and its Neighbourhood (North Africa and Near East).
Training, capacity building (true)	“Eritrean Control for bovine Tuberculosis and Brucellosi (EC 4bTB) - AID 013311/01/0” (2025-2027)	This initiative, financed by the Italian Agency for Development Cooperation, supports Eritrea’s national programme for controlling tuberculosis and brucellosis in dairy cattle. The initiative aims to strengthen national capacities for controlling and preventing these diseases by taking an integrated, coordinated 'One Health' approach.

TOR 3: HARMONISATION OF STANDARDS

2. Proposal or development of any procedure that will facilitate harmonisation of international regulations applicable to the main focus area for which you were designated

Proposal title	Scope/Content	Applicable Area
WOAH Regional Platform on Animal Welfare for Europe	IZSAM is member of the steering group of the WOAH Regional Platform on Animal Welfare for Europe (https://rpawe.WOAH.int/), a platform launched by the WOAH in 2013 with the aim to improve the harmonisation in the application of animal welfare standards, mainly the ones concerning animal transport, slaughter, stray dog population management, animal welfare in disasters and welfare for working equids within the Region. Experts from the WOAH CC IZSAM contributed to implement the activities designed in the Platform action plans, providing expertise to address the established priorities including capacity building.	Training and Education Health Management
WOAH Platform for the Training of Veterinary Services	As WOAH CC for Veterinary Training and Capacity Building, the IZSAM is member of the WOAH Platform for the Training of Veterinary Services.	Laboratory Expertise Training and Education Health Management
	ICRAD is a new ERA-Net Cofund Action under Horizon 2020 that will build upon the achievements of the ERA-NET EMIDA (Emerging and Major Infectious Diseases of Animals) and the ERA-NET ANIHWA (Animal Health and Welfare). This initiative aims at supporting cross-cutting research to improve public health, animal health and welfare, with associated benefits	

<p>ICRAD: International Coordination of Research on infectious animal diseases (2019-2025)</p>	<p>towards the environment and the economy; connecting research partners with different but complementary scientific and technological expertise. The partnership between industrial and academic researchers improves and accelerates the development of technological solutions for the benefit of animal health and welfare. Research and innovation co-funded through ICRAD would seek concerted approach towards the development of novel and improved instruments to address and control infectious diseases, particularly regarding novel detection, intervention and prevention strategies to: increase preparedness and ability to respond to emerging and endemic livestock threats; contribute to the reduction of antimicrobial and antiparasitic use in livestock and to minimising the development of resistance for the benefit of animal and public health; contribute to animal welfare by better prevention of diseases and renewed animal management and farming systems; on a larger scale, contribute to food security and competitive and sustainable livestock systems.</p>	<p>Laboratory Expertise Health Management</p>
<p>SAM Tool 2.0</p>	<p>The SAM Tool 2.0 is a peculiar methodology designed by IZSAM. It is based on the benchmarking analysis principles. It is also an IT platform that supports – through a permanent self-assessment system – WOAHA Members in policy or decision making to achieve fully compliance with the Chapter 7.7 and 8.14 of the WOAHA TAHC</p>	<p>Training and Education</p>
<p>Renforcement du dispositif national d'encadrement vétérinaire de la santé animale (2022-2025)</p>	<p>The specific objective of the twinning among IZSAM (Italy) and the Ministry of Agriculture of France and Tunisia is to strengthen the Tunisian national health system.</p>	<p>Health Management</p>
<p>Establishment of a surveillance system on selected (re)emergent and at risk of introduction zoonoses based on an ecologic approach – EcoSurv (2024—2026)</p>	<p>The goal of EcoSurv is the development of a surveillance system based on an ecological approach, able to take into account the whole spectrum of animal species in a given ecosystem (zoocenosis) having a possible role in the maintenance, persistence and/or transmission to humans of (re)emergent pathogens, already present or at risk of introduction into the national territory. The new surveillance system to set will be integrated with the already existing ones, in order to collect and complement the information recorded into the information systems currently used by the veterinary, environmental and public health sectors in Italy. The Consortium will put in place and manage “the coordination with the actions carried out on human health surveillance” in the country. Furthermore, it will establish a coordination mechanism “to ensure the regular exchange of knowledge, threats reporting, and joint undertaking of risk assessment between animal and human health surveillance experts at Union and Member State level”. The proposed surveillance actions are conceived to produce the relevant and necessary information for the identification of proper early warning indicators and data for the risk assessment of the introduction or (re)emergence of selected zoonotic agents. These indicators, coupled with environmental and climatic data, and animal/human demographic information, will support predicting models on the possible emergence, spread and persistence of those pathogens. As part of the Project and its communication activities, a pilot activity has been carried out. It involved the use of A.I. for podcast production. The first episode, which is available in English and Italian on the project website, focused on presenting the main general aspects of the project, with Alice and Marco, the avatars leading the podcast itself (https://ecosurv.eu/podcast/)</p>	<p>Health Management</p>

<p>European Partnership on Animal Health and Welfare (EUPAHW) (2024-2030)</p>	<p>The European Partnership on Animal Health and Welfare (represented by the abbreviation EUP AH&W or its acronym EUPAHW) is by far the most ambitious research and innovation initiative the European Commission (EC) has funded in the framework of the Horizon Europe Programme to control infectious diseases of animals, and to promote animal welfare. Launched in 2024, the EUPAHW is anticipated to invest €360 million over seven years to boost research and facilitate cooperation between all actors. The scope goes beyond the animal health and welfare actors to enhance cross sector collaboration and, through a One Health and One Welfare approach, to provide societal impact. The objectives of the EUPAHW align with the European Green Deal and its associated Farm to Fork strategy for a fair, healthy, and environmentally friendly food system.</p>	<p>Training and Education Health Management Animal Production Veterinary Products Wildlife Health and Biodiversity</p>
<p>EURCAW Ruminants and Equines</p>	<p>The European Union Reference Centre for Animal Welfare (EURCAW) Ruminants & Equines is the third Centre designated by the European Commission (Official Controls Regulation 2017/625, Articles 95 & 96), established in May 2021. The remit of the EURCAW is to support the Competent Authorities in EU member states with the implementation of current regulations on animal welfare. The Centre provides scientific and technical expertise on the development and application of animal welfare indicators and methods of assessment of animal welfare to competent authorities and policy workers in animal welfare. The EURCAW Ruminants & Equines covers a range of farm animal species including those used for dairy production (cows, goats, sheep, buffaloes), the production of meat by cattle, sheep, goats, deer and horses, and ruminants and equines kept for other purposes. The activities of the EURCAW Ruminants & Equines are set out in a work programme in consultation with the European Commission. As member of this EURCAW, the IZSAM contributes to the coordination of the Centre activities and to the scientific and dissemination tasks. It mainly coordinates and implements all the training initiatives foreseen by the multi-annual programmes in favour of the main target groups assigned to it: national competent authorities and their supporting bodies and official control staff in EU Member States.</p>	<p>Health Management</p>
<p>European Union reference laboratory for Rift Valley fever (2023-2027)</p>	<p>The European Union reference laboratory for Rift Valley fever ensures that the appropriate level of methods of analysis, test or diagnosis, and the development of validated methods and the coordinated assistance of the official laboratory is maintained.</p>	<p>Health Management</p>

3. In exercising your activities, have you identified any regulatory research needs* relevant for WOA?H?

No

4. Did your Collaborating Centre maintain a network with other WOA?H Collaborating Centres (CC), Reference Laboratories (RL), or organisations designated for the same specialty, to coordinate scientific and technical studies?

Yes

Name of WOA?H CC/RL/other organisation(s)	Location	Region of networking Centre	Purpose
Center for Animal Health and Food Safety	USA	América	Collaboration in the framework of the WOA?H Platform for the Training of

			Veterinary Services and further relevant initiatives
Ecole Inter-Etats de Sciences et Médecine Vétérinaires	Senegal	África	Collaboration in the framework of the WOAHP Platform for the Training of Veterinary Services and further relevant initiatives
Ecole Nationale des Services Vétérinaires	France	Europa	Collaboration in the framework of the WOAHP Platform for the Training of Veterinary Services and further relevant initiatives
CRESVet	Argentina	América	Collaboration in the framework of the WOAHP Platform for the Training of Veterinary Services and further relevant initiatives
Veterinary Public Health and Food Safety Centre for Asia Pacific	Thailand	Asia y el Pacífico	Collaboration in the framework of the WOAHP Platform for the Training of Veterinary Services and further relevant initiatives
Panaftosa	Brazil	América	Collaboration in the framework of the WOAHP Platform for the Training of Veterinary Services and further relevant initiatives
Center for Food Security and Public Health	USA	América	Collaboration in the framework of the WOAHP Platform for the Training of Veterinary Services and further relevant initiatives
Centre National de Veille Zoosanitaire	Tunisia	África	Collaboration in the framework of the WOAHP Platform for the Training of Veterinary Services and further relevant initiatives
Reduction of the Risk of Disasters in Animal Health (CENSA)	Cuba	América	Collaboration in the framework of the WOAHP EmVet network
Biological Threat Reduction (IIAD)	USA	América	Collaboration in the framework of the WOAHP EmVet network
		Europa	Collaboration in the framework of the European Partnership on Animal Health

--

UNIMI (Università degli Studi di Milano)	Italy		and Welfare, WP 5 on communication, dissemination and exploitation
AINIA	Spain	Europa Oriente Medio	Collaboration in the framework of the Erasmus+ Flaveat Project
European Reference Centre for the Welfare of ruminants and equines	Sweden, Austria, France, Greece, Ireland, Italy	Europa	The objective of the EURCAW - ruminants & equines is to provide the EU Commission and EU Member States with support to knowledge building, implementation and enforcement of relevant legislation and capacity building
Federation of European Laboratory Animal Science Associations (FELASA)	European countries	Europa	Collaboration for capacity building on Laboratory Animal Sciences – Accreditation of training courses
WOAH Animal Welfare Collaborating Centres	Global	África América Asia y el Pacífico Europa Oriente Medio	To promote the establishment of a WOAH Network of Animal Welfare Collaborating Centres
Fondazione Guido Bernardini	Italy	África América Asia y el Pacífico Europa Oriente Medio	Collaboration for capacity building on Laboratory Animal Sciences
VIRTUAL CAMPUS LDA	Portugal	Europa Oriente Medio	Collaboration in the framework of the Erasmus+ Flaveat Project
JORDAN UNIVERSITY OF SCIENCE AND TECHNOLOGY	Jordan	Europa Oriente Medio	Collaboration in the framework of the Erasmus+ Flaveat Project
NABLUS UNIVERSITY for VOCATIONAL AND TECHNICAL EDUCATION	Palestine	Europa Oriente Medio	Collaboration in the framework of the Erasmus+ Flaveat Project
PALESTINE TECHNICAL UNIVERSITY - KADOORIE (PTUK)	Palestine	Europa Oriente Medio	Collaboration in the framework of the Erasmus+ Flaveat Project

DIMIOURGIKI SKEPSI ANAPTYXIS	Greece	Europa Oriente Medio	Collaboration in the framework of the Erasmus+ Flaveat Project
AL-BALQA APPLIED UNIVERSITY	Jordan	Europa Oriente Medio	Collaboration in the framework of the Erasmus+ Flaveat Project
University of Surrey	United Kingdom	Europa	Collaboration in the framework of the European Partnership on Animal Health and Welfare, WP 5 on communication, dissemination and exploitation
University of Ghent	Belgium	Europa	Collaboration in the framework of the European Partnership on Animal Health and Welfare, WP 5 on communication, dissemination and exploitation
Germany Federal Institute for Risk Assessment (BfR)	Germany	Europa	Collaboration in the framework of the European Partnership on Animal Health and Welfare, WP 5 on communication, dissemination and exploitation
EFSA European Food Safety Authority	Italy	Europa	Collaboration in the framework of the European Partnership on Animal Health and Welfare, WP 5 on communication, dissemination and exploitation
EMA European Medicines Agency	the Netherlands	Europa	Collaboration in the framework of the European Partnership on Animal Health and Welfare, WP 5 on communication, dissemination and exploitation
APHA – The Animal and Plant Health executive agency	United Kingdom	Europa	Collaboration in the framework of the European Partnership on Animal Health and Welfare, WP 5 on communication, dissemination and exploitation

--

WU – Wageningen University	the Netherlands	Europa	Collaboration in the framework of the European Partnership on Animal Health and Welfare, WP 5 on communication, dissemination and exploitation
IZSLER – Istituto Zooprofilattico Sperimentale Lombardia Emilia Romagna	Italy	Europa	Collaboration in the framework of the European Partnership on Animal Health and Welfare, WP 5 on communication, dissemination and exploitation
SSI - The Animal and Plant Health	Denmark	Europa	Collaboration in the framework of the European Partnership on Animal Health and Welfare, WP 5 on communication, dissemination and exploitation
PREZODE (Preventing ZOonotic Disease Emergence)	Belgium, Burkina Faso, Cambodia, Cameroon, Chile, Democratic Republic of Congo, Congo (Brazzaville), Costa Rica, Cuba, Dominica, Dominican Republic, France, Gabon, Guinea Conakry, Haiti, Laos, Madagascar, Mexico, Morocco, Panama, Senegal, Thailand, Trinidad and Tobago, The Philippines, The United Kingdom, Uruguay, Vietnam, Zambia and Zimbabwe.	África América Asia y el Pacífico Europa	Collaboration to ensure rapid response to the risks of emerging infectious diseases of animal origin.

TOR 4 AND 5: NETWORKING AND COLLABORATION

5. Did your Collaborating Centre maintain a network with other WOAHO Collaborating Centres, Reference laboratories, or organisations in other disciplines, to coordinate scientific and technical studies?

Yes

Name of WOAHO CC/RL/other organisation(s)	Location	Region of networking Centre	Purpose
FAO/IAEA Animal Production and Health Laboratory	Austria	Europe	Hosting fellowship also focused on Animal Disease Diagnosis
ENMV (National School of Veterinary Medicine of Sidi Thabet)	Tunisia	Africa Europe	Collaboration in the framework of the twinning project "Renforcement du dispositif national d'encadrement vétérinaire de la santé animale"
Ministère de l'Agriculture, des Ressources hydrauliques et de la Pêche - Direction générale des Services	Tunisia	Africa Europe	Collaboration in the framework of the twinning project "Renforcement du dispositif national d'encadrement vétérinaire de

--

vétérinaires			la santé animale"
Ministère de l'Agriculture et de l'Alimentation	France	Africa Europe	Collaboration in the framework of the twinning project "Renforcement du dispositif national d'encadrement vétérinaire de la santé animale"
EmVetNet	Italy	Europe	The objective of the Network for Veterinary Emergencies is to support WOAH Member Countries preparedness for and response to animal health emergencies
Fondazione Guido Bernardini	Italy	Europe	Promotion of research and capacity building in Laboratory Animal Science
AISAL	Italy	Middle East	Promotion of research and capacity building in Laboratory Animal Science
ETPLAS	Spain	Europe	Promotion of research and capacity building in Laboratory Animal Science
FOUR PAWS	Belgium/Germany	Europe	Promotion of research, capacity building, awareness raising in Animal Welfare
France Vétérinaire International (FVI)	France	Europe	Promotion of International Cooperation and relevant capacity building in Animal Health and Food Safety
The Federation of Veterinarians in Europe (FVE)	Belgium	Europe	Collaboration for competencies certification (VETCEE) and capacity building on Animal Welfare
Animal Transport Association (ATA)	USA	Americas	Collaboration for capacity building on Animal Welfare
World Road Transport Association (IRU)	Belgium	Europe	Collaboration for capacity building on Animal Welfare

--

Animals' Angels	Germany	Europe	Collaboration for capacity building on Animal Welfare
RSPCA	United Kingdom	Europe	Collaboration for capacity building on Animal Welfare
Animal Welfare Foundation	United Kingdom	Europe	Collaboration for capacity building on Animal Welfare
Eurogroup for Animals	Belgium	Europe	Collaboration for capacity building on Animal Welfare
AVEC	France	Europe	Collaboration for capacity building on Animal Welfare
Copa-Cogeca	Belgium	Europe	Collaboration for capacity building on Animal Welfare
European Centre for Animal Welfare-pigs	European countries	Europe	Collaboration with EURCAW-pigs
European Centre for Animal Welfare-poultry and small farm animals	European countries	Europe	Collaboration with EURCAW-poultry and small farm animals
European Union Reference Centre for Animal Welfare – Aqua	European countries	Europe	Collaboration with EURCAW-Aqua
All the WOAHCs belonging to the WOAHC Platform for the training of Veterinary Services	Paris	Africa Americas Asia and Pacific Europe Middle East	Promote innovative methodologies and tools for the training of Veterinary Services globally
WOAH Network of Animal Welfare Collaborating Centres	Global	Africa Americas Asia and Pacific Europe Middle East	The network has been officially established in February 2025. The chair is held, for the first two years, by the WOAHC for AW Europe.

TOR 6: EXPERT CONSULTANTS

6. Did your Collaborating Centre place expert consultants at the disposal of WOA?H?

Yes

Name of expert	Kind of consultancy	Subject
Luigi Possenti, Silvia D'Albenzio, Daniela Morelli	Experts	Dissemination activities for the use of the SAM TOOL 2.0
Nicola D'Alterio, Maurilia Marcacci, Daniela Morelli, Francesca Pompei, Alessandro Ripani, Manuela Tittarelli	Experts	WOAH Twinning project for Laboratory Biosafety and Biosecurity System, standardisation of laboratory performance and whole genome sequencing (WGS) by next generation sequencing (NGS) technology and bioinformatic analysis
Luigi Iannetti	Expert	WOAH Regional Workshop on AW during slaughter and WOA Regional workshop on developing national action plans for animal welfare (Tirana, Albania, 11-13 February 2025)
Luigi Iannetti	Expert	Chair of the Global Network of WOA CCs for Animal Welfare, period 2025-2027
Luigi Iannetti	Expert	25th Meeting of the Steering Group (SG25) of the WOA Platform on animal welfare for Europe (Baku, Azerbaijan, on 22nd -23rd October 2025)
Luigi Iannetti	Expert	5th WOA Regional Workshop on Dog Population Management for the Caucasus and Central Asia. 2-4 December 2025 – presentation of the SAM TOOL 2.0 for Dog Population management

TOR 7: SCIENTIFIC AND TECHNICAL TRAINING

7. Did your Collaborating Centre provide advice/services to requests from Members in your main focus area?

Yes

The IZSAM developed and promoted the SAM Tool 2.0 to support the compliance of the WOA Members in the Europe Region to the revised Chapter 7.7 of the WOA TAHC and to the Chapter 8.14.

The IZSAM hosted the WOA Regional Seminar entitled 'Vector-Borne Diseases in the European Region' in Teramo from 25 to 27 June organised by WOA in collaboration with IZSAM, and with the support of the European Commission's Directorate-General for Health and Food Safety (DG SANTE). The initiative was divided into several thematic sessions of a high technical and scientific level and was attended by 54 institutional representatives from numerous countries in the European region (France, Germany, Austria, Bulgaria, Romania, Portugal, Denmark, Switzerland, Sweden, Serbia, etc.). Among them were Heads of National Veterinary Services (CVO), delegates from the World Organisation for Animal Health (WOAH), representatives from the European Commission (DG SANTE), the European Space Agency (ESA), EFSA, the World Health Organisation (WHO) and experts from European reference centres. The event provided an important opportunity to discuss the main issues related to vector-borne diseases (VBDs) in the European Region and neighbouring areas.

Upon request of the regional representation for Europe of the World Organisation for Animal Health (WOAH), IZSAM designed a training course on basic epidemiology in Animal Health for the Official Veterinarians of the Competent Authorities of the Russian Federation, Armenia, Azerbaijan, and Georgia. The online course focused on essential aspects for epidemiological data analysis, assessment of the relevance of animal health problems and definition of surveillance and control options. The course also provided an introduction to risk assessment methods, as an indispensable tool for managing risks in the international trade of live animals and as a valuable, scientifically sound decision-making tool. Experts from the National Reference Centre for Veterinary Epidemiology delivered lectures, practical exercises, and guided discussions aimed at reinforcing participants' competencies.

8. Did your Collaborating Centre provide scientific and technical training, within the remit of the mandate given by WOA, to personnel from WOA Members?

Yes

a) Technical visit : 116

b) Seminars : 4469

c) Hands-on training courses: 254

d) Internships (>1 month) : 0

Type of technical training provided (a, b, c or d)	Content	Country of origin of the expert(s) provided with training	No. participants from the corresponding country
B	Roundtable on the challenges at the modelling-policy interface in animal health 12 November 2025 10 am – 12 pm CET	UK, Denmark, Austria, France, the Netherlands, Italy	12
A	Capacity Building training held in Teramo on 11-13 February 2025 in the framework of FLAVEAT	Palestine, Jordan	6
C	EURCAW Ruminants & Equines Webinar on provision of colostrum to calves and hoof care to reduce leg and hood disorders, 25 June 2025.	EU Member states	55
C	EURCAW Ruminants & Equines Webinar on confinement in domestic horses and welfare of working equids, 25 September 2025.	EU Member states	80
B	EURCAW Ruminants & Equines meets National Reference Centres and Supporting Bodies, 15 October 2025	EU Member states	41
C	EURCAW Table Top Exercise on animal welfare during Transport (Online 30/10/2025)	EU Member states	25
B	EURCAW Ruminants & Equines meets Competent Authorities. Brescia 11-12 November 2025	EU Member states	16
C	EURCAW Ruminants & Equines Roadshow Improving the welfare of calves at farm. Brescia 12-13 November 2025	Italian competent authorities	32
C	EURCAW Ruminants & Equines Meeting with Italian Stakeholders. Brescia 14 November 2025.	Italian Stakeholders	23
B	WOAH Regional Workshop on AW during slaughter and WOA Regional workshop on developing national action plans for animal welfare (Tirana, Albania, 11-13 February 2025)	12 WOA countries of European Region	32

--

A	IAEA Programme FS-SRB5005-2401992 Teramo, 27/01-21/02/2025	Republic of Serbia	2
C	FAO LoA TCP/SNE/3902 Beekeeping Health Epidemiology, Laboratory Diagnosis of Bee Diseases and Honey Quality Analysis Teramo, 08-10/04/2025	Algeria Morocco Lybia Mauritania Tunisia	9
A	IZSAM LSD project Action in Libya to control nodular skin disease Teramo, 07- 17/04/2025	Libya	10
A	WOAH TWINNING PROJECT for Laboratory Biosafety and Biosecurity System, standardisation of laboratory performance and whole genome sequencing (WGS) by next generation sequencing (NGS) technology and bioinformatic analysis Kick off meeting Algeri, 15-16/04/2025	Algeria	50
A	IZSAM and National Veterinary Laboratory (LANAVET) Teramo, 12-30/05/2025	Camerun	2
A	WOAH TWINNING PROJECT for Laboratory Biosafety and Biosecurity System, standardisation of laboratory performance and whole genome sequencing (WGS) by next generation sequencing (NGS) technology and bioinformatic analysis Teramo, 16-27/06/2025	Algeria	3
B	WOAH Regional Seminar: Vector-Borne Diseases in the European Region Teramo, 25-27/06/2025	Europe	54
A	Universidade Federal de Lavras (UFLA) Teramo, 9-16/07/2025	Brazil	1
A	WOAH TWINNING PROJECT for Laboratory Biosafety and Biosecurity System, standardisation of laboratory performance and whole genome sequencing (WGS) by next generation sequencing (NGS) technology and bioinformatic analysis Teramo, 14-16/07/2025	Algeria	3
A	WOAH TWINNING PROJECT for Laboratory Biosafety and Biosecurity System, standardisation of laboratory performance and whole genome sequencing (WGS) by next generation sequencing (NGS) technology and bioinformatic analysis Teramo, 14-25/07/2025	Algeria	1

--

A	IAEA Programme Teramo, 15/09-10/10/2025	Morocco	1
A	Italian Agency for Development Cooperation and CIHEAM Teramo, 23-25/09/2025	Federation of Bosnia and Herzegovina	8
A	CISA-INIA/CISIC Teramo, 22/09-03/10/2025	Spain	1
B	EURL Rift Valley Fever. Annual Meeting Antwerp, Belgium 2-3/10/2025	Europe	90
A	Joint meeting between the Arenas-Gamboa Brucellosis Laboratory, Texas A&M Institute, USA, and IZS-Teramo Teramo, 6-11/10/2025	United States of America	3
B	One Health Award 2025. New Geographies, Opening conference Teramo, 10/10/2025	United Kingdom, New Zealand, Brazil, Italy	300
B	One Health Award 2025. New Geographies Teramo, 11/10/2025	United Kingdom, New Zealand, Brazil, Italy	1500
A	IAEA Programme Teramo, 06-31/10/2025	Serbia	1
C	Online training course on Basic Epidemiology in Animal Health (delivered upon request of the Regional representation for Europe of WOA) Teramo, 13, 20, 27 November 03 December 2025	Russian Federation, Armenia, Azerbaijan, Georgia	30
A	WOAH TWINNING PROJECT for Laboratory Biosafety and Biosecurity System, standardisation of laboratory performance and whole genome sequencing (WGS) by next generation sequencing (NGS) technology and bioinformatic analysis Teramo, 03-07/11/2025	Algeria	3
A	WOAH Provna2 Project focus on Mediterranean mosquitoes identification and arboviruses detection Teramo, 10-14/11/2025	Algeria, Tunisia, Mauritania	11
A	WOAH Provna2 Project focus on Mediterranean mosquitoes identification and arboviruses detection Teramo, 17-21/11/2025	Morocco and Lybia	8

--

A	Vectornet project Teramo, 1 – 5 December 2025	Slovenia	1
A	Scientific collaboration with University of Setif Teramo, 1 – 5 dicembre 2025	Algeria	1
B	Webinar on National legislation and Ethics 10/12/2025	Italy	68
B	Webinar on the PT results (FAO LoA PO n. 369982) 16/12/2025	Algeria, Egypt, Jordan, Lebanon, Libya, Mauritania, Morocco, Tunisia	19
B	National database for companion animals Training for veterinarians from Friuli Venezia Giulia region 12/02/2025 On line	Italy	327
B	National database for companion animals Training for veterinarians from Friuli Venezia Giulia region 19/02/2025	Italy	368
B	National database for companion animals Training for veterinarians Autonomous Province of Trento 21/10/2025	Italy	223
B	LAS – Laboratory Animal Science Training and education in the use of animals for scientific and educational purposes Teramo, 1-2-3 / 8-9-10/04/2025	Italy	24
B	The National Reference Laboratory for Listeria Monocytogenes Teramo, 13/05/2025	Italy	70
B	The National Service Centre for Animal Identification and Registration Database Teramo, 20/05/2025	Italy	66
B	Dengue and West Nile disease: prevention, surveillance and control measures Teramo, 21/05/2025	Italy	137
B	Management of outbreaks of bovine and ovine-caprine brucellosis and bovine tuberculosis Termoli, 22/05/2025	Italy	22
B	The results of the Current Research carried out by IZSAM (Year 2024), 10/06/2025	Italy	93

--

B	Organic contaminants Teramo, 19-20/06/2025	Italy	37
B	Workshop on Health and Beekeeping: Challenges and Opportunities	Italy	288
B	Seminar on Brucellosis Rome, 25/09/2025	Italy	161
B	The National Reference Centre for Urban Hygiene and Non-Epidemic Emergencies Teramo, 19/10/2025	Italy	43
B	Equine I&R System: Management, Monitoring and Regulatory Updates Verona, 07/11/2025	Italy	175
B	EcoSurv: results from the First 18 Months of the Project 12/11/2025	Italy	62
B	National Reference Centre for Whole Genome Sequencing of microbial pathogens: database and bioinformatic analysis Teramo, 19/11/2025	Italy	60
B	National Reference Laboratory for Listeria monocytogenes Teramo, 20/11/2025	Italy	37
B	T-Racing for Disease Tracking in Livestock Farms Teramo, 25/11/2025	Italy	23
B	National Reference Centre for Veterinary Epidemiology, Programming, Information and Risk Analysis Teramo, 25-26/11/2025	Italy	54
B	Seminar on Bluetongue Teramo, 03/12/202	Italy	67

TOR 8: SCIENTIFIC MEETINGS

9. Did your Collaborating Centre organise or participate in the organisation of scientific meetings related to your main focus area on behalf of WOA?

Yes

National/International	Title of event	Co-organiser	Date	Location	No. Participants
	WOAH Regional Seminar				

WOAH Collaborative Centre Reports Activities 2025

Internationally	entitled 'Vector-Borne Diseases in the European Region', 25-27 June 2025	IZSAM, DG SANTE	2025-06-25	Teramo	54
-----------------	--	-----------------	------------	--------	----

TOR 9: DATA AND INFORMATION DISSEMINATION

10. Publication and dissemination of any information within the remit of the mandate given by WOAHP that may be useful to Members of WOAHP

a) Articles published in peer-reviewed journals:

6

1) *Distante D., Albanello C., Zaffar H., Faralli S. & Amalfitano D. 2025. Artificial intelligence applied to precision livestock farming: A tertiary study. Smart Agricultural Technology, 11, 100889. doi:10.1016/j.atech.2025.100889*

2) *M. Milazzo, A. Falconi, L. Baldacchini, C. Marchitelli, A. Velarde, J. Zemzmi, O. Girardie, G. E. M. Valls, P. Llonch, F. Johansen, S. D'Albenzio, S. Ashe, E. Caro, C. Reverte & L. Iannetti. Building a data-driven future for animal welfare: stakeholder insights for the eu knowledge platform. 76th Annual Meeting of the European Federation of Animal Science. Innsbruck, Austria; 25-29 August 2025; Poster*

3) *Muehlen M., Dhand N., Simmons H., Dunkle S., Budke C., Zaghloul A., Castellan D., D'Albenzio S., Dissanayake R., Cargill J., Koyie S. L., Pinto J., Alessandrini B. & Schenkel K. 2025. Competencies for One Health Field Epidemiology (COHFE)—a framework to train the epidemiology workforce. One Health Outlook, 7(1), 13. doi:10.1186/s42522-025-00135-x*

4) *Romano G., Bouslah Z., Abid S., Di Giallonardo F., Ferrari G., Piralla A., El Moussi A., Koumi Y., Charaa L., Landolsi I., El Ghord H., Curini V., Marcacci M., Smaoui H., Gzara A., Zedini C., Ripani A., Achour W., Mnif K., Cammà C., Lorusso A. & Boubaker I. B. B. 2025. Genomic surveillance and evolutionary dynamics of respiratory syncytial virus circulating in Tunisia post-COVID-19 pandemic lockdown restrictions. IJID Regions, 15, 100609. doi:10.1016/j.ijregi.2025.100609*

5) *JM. Ferrer-Villar, C. Carvalho, F. Pompei, V. Krestos, Poster "From Regulation to Education: FLAVEAT's approach to Food Law In Vocational Training", accepted to INTED2026, the 20th annual International Technology, Education and Development Conference*

6) *Torricella L, Iannetti L, Rossi E, D'Albenzio S & Podaliri Vulpiani M (2025). The Contribution of IZS Teramo to the Study of Animal Welfare within the European Partnership for Animal Health and Welfare (EUP AH&W). Italian Journal of Food Safety (in press)*

b) International conferences:

18

the WOAHP Regional workshop on animal welfare during slaughter Tirana, 11-13 February, 2025.

2. *Francesca Pompei. Presentations "Detailed planning of the project activities" and "Administrative rules and procedures" held at the Kick off Meeting of the WOAHP TWINNING PROJECT for Laboratory Biosafety and Biosecurity System, standardisation of laboratory performance and whole genome sequencing (WGS) by next generation sequencing (NGS) technology and bioinformatic analysis, Algeri (Algeria), 15-16 April 2025. Algeri, Algeria.*

3. *Laura De Antoniis. "Euro-African cooperation in the scientific community; Research and cooperation projects" and "The global engagement of the IZS" in "Partenariato Euro-africano. VII Conferenza, Università di Teramo".*

4. *Laura De Antoniis. Presentation "MEDNET CCP: Structure et fonctions" held at the Comité de Coordination du Projet "MEDNET 40H". Tunisi, Tunisia.*

5. *Laura De Antoniis. Presentation "Animal Health Networks for Mediterranean: ERFAN as case study" held at the Roundtable "Animal Health Networks for the Mediterranean" - in "Fe.Me.S.P.Rum. 27^o International Congress. 4-6 Settembre, Bologna".*

6. *Laura De Antoniis. Presentation "IZS-Teramo and International Cooperation: an Integrated Vision for Global Interdependence" held at the Joint meeting between the Arenas-Gamboa Brucellosis Laboratory, Texas A&M Institute (USA), and IZS-Teramo.*

7. *Laura De Antoniis. Presentation: "One Health and cooperation. ERFAN: an international network experience" at the "International Veterinary Cooperation", Bologna.*

8. *Silvia D'Albenzio. Presentation "Attività in Eurcaw Ruminants and Equids" held at the training course BENESSERE ANIMALE: INCONTRO TRA EFSA, FOCALPOINT ITALIANO DI EFSA E*

ORGANIZZAZIONI COMPETENTI "EX ART. 36", Brescia.

9. *Silvia D'Albenzio. Presentations "Sustainability of eLearning platforms" and "Artificial intelligence for learning" held at the 2025 WOAHP General Session Side Event Engaging in Learning for Stronger Veterinary Services.*

10. *Silvia D'Albenzio. Participation in the workshop of the WOAHP Platform for the training of Veterinary Services | Paris, 10 – 11 December 2025*

11. *Silvia D'Albenzio. Welcome address and presentation of tabletop exercise methodology, Tabletop simulation exercise on Animal welfare during long distance transportation, October 30, 2025*

12. *Silvia D'Albenzio & Chiara Albanello, Coordination of the World Café parallel session: "Training initiatives and funding calls", Four EURCAWs 2025 Meeting, 13–14 May 2025 - Heraklion, Greece*

13. *Silvia D'Albenzio, Presentation on Training Team progress: "Common training platform and mapping of animal welfare training across the EU (opportunities for cooperation with training providers)", Four EURCAWs 2025 Meeting, 13–14 May 2025 - Heraklion, Greece*

14. *Silvia D'Albenzio, Colostrum provision to calves and Hoof care to reduce leg and hoof disorders: Introduction, Provision of colostrum to calves and Hoof care to reduce leg and hoof disorders - June 25, 2025*

15. *Silvia D'Albenzio, How to use the Trainers' Toolkit for cascade training, Provision of colostrum to calves and Hoof care to reduce leg and hoof disorders - June 25, 2025*

16. *Silvia D'Albenzio, Confinement in domestic horses and Welfare of working equids: Introduction, Confinement in domestic horses and Welfare of working equids -*

September 25, 2025

17. *Silvia D'Albenzio, How to use the Trainers' Toolkit for cascade training, Confinement in domestic horses and Welfare of working equids - September 25, 2025*

18. *Ombretta Pediconi, Educational and training itineraries, Jubilee of the educational world euro-african partnership, VII conference, Jubilee of the educational world euro-african academic and scientific cooperation: a sign of hope, Teramo - October 29/30, 2025*

c) National conferences:

3

1. *Silvia D'Albenzio. Coordination of the national workshop "Health and apiculture: challenges and opportunities", Rome, 23 September 2025*

2. *Silvia D'Albenzio. Coordination of the national workshop "Health and aquaculture: challenges and opportunities" | Rome, 10 March 2025*

3. *Ombretta Pediconi, Amerigo Bonanni, Presentation "Artificial intelligence tells EcoSurv: a communication experiment (WP1. Task 1.6)", EcoSurv: The results of the first 18 months of the project, online, 12 November 2025*

d) Other (Provide website address or link to appropriate information):

11. What have you done in the past year to advance your area of focus, e.g. updated technology?

- *Use of interaction platforms (e.g. Slido) to engage participants with live polls during webinars*
- *Use of tools (e.g. Qualtrics) to develop surveys, collect and analyse data*
- *Development of metaverso application in laboratory training in the framework of the EURL for Rift Valley Fever*

The SAM TOOL 2.0 was developed at IZSAM and put at disposal of WOAHA member countries that can use it for self-assessment, as a web-based self-assessment and monitoring e-platform to assist countries in making progress on the agreed vision of full implementation of the WOAHA TAHC Chapter 7.7 on dog population management with a rabies component. An update has been done in 2005 to ensure the availability also for Central Asia and Caucasus WOAHA countries.

12. Additional comments regarding your report: