



Praktična obuka za poljoprivrednike i veterinare: Nove mjere za borbu protiv otpornosti na antibiotike

Hands-on training for farmers and veterinarians: New measures to fight antimicrobial resistance

Tuhelj, HRVATSKA

Tuhelj, CROATIA

[Terme Tuhelj Hotel](#)

16. i 17. svibnja 2024,

16 & 17 May, 2024

14:00 Početak sjednice

14:00 Start of the session

Prijave sudionika bit će otvorene od 13:30 sati.

Registration of participants will be open from 13:30.

Adresa dobrodošlice *Welcome address*

5 minuta

5 minutes

Andrea CASTRO

Voditelj projekta

Project Manager

Dobrodošli sudionici na trening

Welcome participants to the training

Adresa dobrodošlice *Welcome address*

10 minuta

10 minutes

Mr. Tomislav Kiš, Načelnik sektora za sigurnost hrane i javno zdravstvo, Ministarstvo poljoprivrede, Uprava za veterinarstvo i sigurnost hrane

Head of the sector for food safety and public health, Ministry of Agriculture, Department for animal health and food safety

Ivan Zemljak, Predsjednik, Hrvatska veterinarska komora

President, Croatian veterinary chamber

Uvod u program osposobljavanja *Introduction to training programme*

10 minuta

10 minutes

Massenzio FORNASIER

Koordinator osposobljavanja,

Trener 1

Training coordinator, Trainer 1

Objašnjene su teme, ciljevi i aktivnosti kolegija

Course topics, objectives and activities are explained.

Test prije treninga *Pre-training test*

20 minuta

20 minutes

Andrea CASTRO

Voditelj projekta

Project Manager

Test samoprocjene za mjerenje znanja sudionika

Self-assessment test to measure participants' knowledge



1. dio – Presentacije o zakonodavnom okviru za antimikrobnu rezistenciju na razini EU i nacionalnoj razini

Part 1 – Presentations on Antimicrobial resistance legislative framework at EU and national level

1. Utjecaj antimikrobne rezistencije

Antimicrobial resistance impact

| | | |
|--------------------------------|--|--|
| 10 minuta <i>10 minutos</i> | <p>Massenzio FORNASIER Koordinator osposobljavanja, Trenner 1 <i>Training coordinator, Trainer 1</i></p> <p>Tomislav KIS, Trenner 3 <i>Trainer 3</i></p> | <p>Prikazat će se opći podaci i brojke o otpornosti, ekonomski učinak i poduzete mjere. <i>General data and figures on resistance will be presented, as well as the economic impact and the actions taken.</i></p> |
|--------------------------------|--|--|

2. Uvod u cjelokupni regulatorni okvir EU-a koji podupire najbolje prakse u borbi protiv AMR-a.

Introduction to overall EU regulatory framework supporting best practices to fight AMR.

| | | |
|--------------------------------|---|--|
| 10 minuta <i>10 minutos</i> | <p>Frane BOZIC Trenner 2 <i>Trainer 2</i></p> | <p>Kratak uvod u glavnu odredbu uključenu u novu uredbu u vezi s razboritom uporabom antimikrobnih sredstava: <i>Brief introduction to the main provision included in the new regulation in relation to the prudent use of antimicrobials:</i></p> <ul style="list-style-type: none"> ✓ Prezentacija EU i nacionalnog akcijskog plana o AMR-u, strategije EU-a od farme do stola <i>Presentation EU and national Action Plan on AMR, EU Farm-to-fork strategy</i> ✓ Uredba (EU) 2016/429 o prenosivim bolestima životinja, Zakon o zdravlju životinja (AHL) <i>Regulation (EU) 2016/429 on transmissible animal disease, Animal Health Law (AHL)</i> ✓ Uredba (EU) 2019/6 o veterinarsko-medicinskim proizvodima (VMP) i Uredba (EU) 2019/4 o ljekovitoj hrani za životinje (MF) <i>Regulation (EU) 2019/6 on Veterinary Medicinal Products (VMP) and Regulation (EU) 2019/4 on Medicated Feed (MF)</i> ✓ Ostali delegirani i provedbeni propisi (tercijarno zakonodavstvo) <i>Other Delegated and Implementing Regulations (tertiary legislation)</i> ✓ EU i druge smjernice za razboritu uporabu antimikrobnih sredstava u veterinarskoj medicini i relevantne sektorske smjernice. <i>EU and other guidelines for the prudent use of antimicrobials in veterinary medicine and relevant sectorial guidelines.</i> |
|--------------------------------|---|--|

3. Važni elementi novih EU propisa o VMP & MF, te nacionalnog zakonodavstva i/ili smjernica za veterinare i poljoprivrednike (I)

Important elements of the new EU VMP & MF regulations, and national related legislation and/or guidelines for veterinarians & farmers (I)

| | | |
|--------------------------------|--|---|
| 30 minuta <i>30 minutos</i> | <p>Massenzio FORNASIER Koordinator osposobljavanja, Trenner 1 <i>Training coordinator, Trainer 1</i></p> <p>Tomislav KIS, Trenner 3 <i>Trainer 3</i></p> | <p>Zajednički elementi za EU veterinare i poljoprivrednike, s fokusom na VMP: <i>Common elements for EU veterinarians and farmers, with focus on VMP:</i></p> <ul style="list-style-type: none"> ✓ Propisivanje i uporaba VMP-a na razini EU i na nacionalnoj razini <i>Prescriptions and use of VMP at EU and national level</i> ✓ Obveze poljoprivrednika i veterinara <i>Obligations for farmers and veterinarians</i> |
|--------------------------------|--|---|

4. Predavanje 4. Važni elementi uključeni u nove propise, VMP & MF i nacionalno zakonodavstvo i/ili smjernice koje trebaju uzeti u obzir veterinari i poljoprivrednici (II.)

Lecture 4. Important elements included in the new regulations, VMP & MF and national related legislation and/or guidelines to be considered by veterinarians & farmers (II)



30 minuta
30 minutos

Frane BOZIC
T trener 2
Trainer 2
Tomislav KIS
T trener 3
Trainer 3

Upotreba antimikrobnih lijekova

Use of Antimicrobial Medicinal Products

- ✓ Profilaksa / Metafilaksa / Liječenje
Prophylaxis / Metaphylaxis / Treatment
- ✓ Zabranjena uporaba antimikrobnih lijekova kao promotora rasta.
Banned use of Antimicrobial Medicinal Products as grow promoters.
- ✓ Korištenje lijekovite stočne hrane koja sadrži antimikrobna sredstva.
The use of medicated feed containing antimicrobials.
- ✓ Popis antimikrobnih lijekova rezerviranih za liječenje određenih infekcija kod ljudi („rezervni popis“)
The list of antimicrobials reserved for treatment of certain infections in humans ('reserve list')
- ✓ Popis antimikrobnih lijekova koji se ne smiju koristiti izvan uvjeta odobrenja za stavljanje u promet („kaskadna uporaba“) ili koji se smiju koristiti pod određenim uvjetima.
The list of antimicrobials which may not be used outside the terms of their marketing authorisations ('cascade use'1) or to be used subject to certain conditions.
- ✓ Popis antimikrobnih sredstava za određene vrste (tj. konje i vodene životinje)
The list of antimicrobials for specific species (i.e., equine species and aquatic animals)
- ✓ Zbrinjavanje lijekova
Disposal of medicinal products

Nacionalno zakonodavstvo / nacionalne smjernice o uporabi antimikrobnih lijekova

National legislation / national guidelines on use of Antimicrobial Medicinal Products

30 minute 30 minutes *Pauza za kavu i grupna fotografija* Coffee break and group photo

Dio 2 – Praktična obuka: veterinari i farmeri prema zajedničkom cilju

Part 2 – Hands-on training: veterinarians and farmers towards a common goal

Grupna vježba 1. Identificiranje izazova u primjeni najboljih praksi i daljnjem smanjenju potrebe za korištenjem antimikrobnih sredstava

Group Exercise 1. Identifying the challenges in implementing best practices and further reduce the need to use antimicrobials

60 minuta
60 minutos

Annick SPAANS
T trener 4 uz podršku
trenerskog tima
Trainer 4 with the
support of Trainers'
team

Identifikacija izazova i prilika uočenih na terenu koji utječu na provedbu najboljih praksi i daljnje smanjenje AMU-a, kao što su:
Identification of challenges and opportunities observed in the field that impact the implementation of best practices and further reduction of AMU, such as:

- ✓ uvjeti uzgoja, *husbandry conditions,*
- ✓ stanje bolesti, *disease situation,*
- ✓ biosigurnost, *biosecurity,*
- ✓ veterinarske posjete, *animal health visits,*



- ✓ dijagnostičko testiranje, *diagnostic testing*,
- ✓ propisivanje i korištenje antimikrobnih lijekova itd. *prescription and use of antimicrobials, etc*

Grupna vježba 2.A. Poboljšanje suradnje veterinarara i farmera u pronalaženju rješenja za rješavanje prepreka i provođenje razborite upotrebe antimikrobnih sredstava

Group Exercise 2.A. Enhancing collaboration of veterinarians and farmers in finding solutions to address barriers and enforce the prudent use of antimicrobials

60 minuta
60 minutes

Annick SPAANS
Trener 4 uz podršku
trenerskog tima
*Trainer 4 with the
support of Trainers'
team*

- ✓ Ova grupna vježba bit će usmjerena na to kako poboljšati praksu uzgoja
This group exercise will be focused on how to improve husbandry practices

10 minute Zaključci i završetak prve polovice dana
10 MINUTES Conclusions and closing of first half day

19:00 Piće dobrodošlice i svečana večera

19:00 Welcome Drink and standing dinner reception





Druga polovica dana: Početak sjednice 09:00. Završetak sjednice u 13:00 sati

Second half day: Start of the session 09:00. End of session at 13:00

Prijave sudionika bit će otvorene od 08:30 sati.

Registration of participants will be open from 08:30.

Dobrodošli *Welcome*

05 minuta
05 minutes

Andrea CASTRO
Voditelj projekta
Project Manager

Grupna vježba 2.B. Poboljšanje suradnje veterinarima i farmerima u pronalaženju rješenja za rješavanje prepreka i provođenje razborite upotrebe antimikrobnih sredstava

Group Exercise 2.B. Enhancing collaboration of veterinarians and farmers in finding solutions to address barriers and enforce the prudent use of antimicrobials

60 minuta
60 minutes

Annick SPAANS
Trener 4 uz podršku
trenerskog tima
*Trainer 4 with the
support of Trainers'
team*

- ✓ Ova grupna vježba bit će usmjerena na to kako smanjiti upotrebu i odgovornije koristiti antimikrobne lijekove.
This group exercise will be focused on how to reduce the use and have a more responsible use of antimicrobials.

Grupna vježba 3.A. Najbolje prakse za poboljšane prakse uzgoja. Zajednička prezentacija i rasprava

Group Exercise 3.A. Best practices to improved husbandry practices. Common presentation and discussion

20 minuta
20 minutes

Annick SPAANS
Trener 4 uz podršku
trenerskog tima
*Trainer 4 with the
support of Trainers'
team*

- ✓ Suradnja između veterinarima i farmerima potiče se razmjenom rješenja za poboljšanje uzgojne prakse.
Collaboration between veterinarians and farmers is fostered by sharing solutions to enhance husbandry practices.
- ✓ Prikazani su rezultati okruglih stolova 2A.
The outcomes from the round tables 2A are presented.

Grupna vježba 3.B. Najbolje prakse za poboljšanje odgovorne upotrebe antimikrobnih sredstava. Zajednička prezentacija i rasprava

Group Exercise 3.B. Best practices to enhance a responsible use of antimicrobials. Common presentation and discussion.

20 minuta
20 minutes

Annick SPAANS
Trener 4 uz podršku
trenerskog tima
*Trainer 4 with the
support of Trainers'
team*

- ✓ Suradnja između veterinarima i farmerima potiče se razmjenom rješenja kako bi se poboljšala odgovorna uporaba antimikrobnih sredstava i smanjila potreba za upotrebom antimikrobnih sredstava.
Collaboration between veterinarians and farmers is fostered by sharing solutions to enhance responsible use of antimicrobials and to reduce the need to use antimicrobials.
- ✓ Prikazani su rezultati okruglih stolova 2B.
The outcomes from the round tables 2B are presented.

30 minute 30 minutes - *Pauza za kavu* *Coffee break*



Studije slučaja – Odabrane najbolje prakse u promicanju praksi na razini farmi s ciljem smanjenja AMR-a. Rasprava o uspješnim slučajevima

Case studies – Selected best practices in promoting practices at farm level aiming at reducing AMR. Discussion of success cases

| | | |
|--|---|--|
| <p>45 minuta <i>45 minutes</i></p> | <p>Treneri / Netko tko je radio na studiji slučaja <i>Trainers / Someone who has worked on the Case Study</i></p> | <ol style="list-style-type: none"> 1. Uzročnici mastitisa krava u Hrvatskoj i njihova osjetljivost prema antimikrobnim tvarima, Mr. Miroslav BENIĆ <i>Cow mastitis pathogens in Croatia and their susceptibility toward antimicrobials</i> 2. DISARM - Ghid de bune practice, Annick SPAANS, Trainer 4 <i>DISARM – Best practice Guide</i> 3. Instrument de Biosecuritate, Massenzio FORNASIER, Trainer 1 <i>Biosecurity tool</i> |
|--|---|--|

Sažetak treninga

Summary of the training

| | | |
|--|--|--|
| <p>15 minuta <i>15 minutes</i></p> | <p>Massenzio FORNASIER Kordinator osposobljavanja, Trener 1 <i>Training coordinator, Trainer 1</i></p> | <p>Ključni sadržaji su istaknuti i dat je sažetak obuke, uključujući naučene lekcije, relevantna pitanja i odgovore, među ostalim. <i>Key contents are highlighted and a summary of the training is provided, including lessons learned, relevant questions and answers, among others.</i></p> |
|--|--|--|

Izbliza i završni govori *Close up and closing speeches*

| | |
|--------------------------------------|--|
| <p>5 minuta <i>5 minutes</i></p> | |
|--------------------------------------|--|

Test nakon treninga *Post-training test*

| | | |
|--|---|--|
| <p>20 minuta <i>20 minutes</i></p> | <p>Andrea CASTRO Voditelj projekta <i>Project Manager</i></p> | <p>Test samoprocjene za mjerenje učinka obuke <i>Self-assessment test to measure the impact of the training.</i></p> |
|--|---|--|

Evaluacija online tečaja - Certifikati *Online course evaluation - Certificates*

| | | |
|--|---|---|
| <p>10 minuta <i>10 minutes</i></p> | <p>Andrea CASTRO Voditelj projekta <i>Project Manager</i></p> | <p>Navedene su smjernice koje se tiču evaluacije obuke i stjecanja certifikata. <i>Guidelines concerning the training evaluation and the obtention of the certificate are provided.</i></p> |
|--|---|---|

13:00 Ručak stojeći

13:00 Standing lunch



Hrvatski

Informacije o trenerskom timu

KOORDINATOR OSPOSOBLJAVANJA (T1): Massenzio FORNASIER



G. Massenzio FORNASIER je neovisni konzultant koji radi u području humane i veterinarske farmaceutske industrije.

Ima veliko iskustvo u ovom području jer je više od 30 godina radio na pretkliničkom i kliničkom razvoju i farmakovigilanciji. Radio je u različitim tvrtkama s različitim ulogama i odgovornostima. Bio je uključen u istraživačke projekte u različitim terapijskim područjima uključujući kardiovaskularna, respiratorna, gastrointestinalna, CNS, zarazne bolesti i onkologiju, kao toksikolog i farmakolog. Bio je odgovoran za pripremu predkliničke dokumentacije o sigurnosti koja je dovela do podnošenja 5 IND/IMPD i 1 NDA/MAA. Među tim projektima dva su dovela do pune registracije. Dr. Fornasier ima veliko iskustvo u razvoju sustava upravljanja kvalitetom primijenjenih na proizvodnju, kontrolu kvalitete i distribuciju medicinskih proizvoda, uključujući male molekule, biološke lijekove i cjepiva.

Dr. Fornasier se uključio u nekoliko međunarodnih projekata iz područja veterine. Član je i bivši predsjednik EVERI-ja, FVE sekcije koja zastupa interese veterinarima koji rade u obrazovanju, istraživanju i industriji. Bio je uključen u program poslijediplomskog usavršavanja na razini EU (VetCEE, Hermes) i na nacionalnoj razini (ugovorni profesor na Sveučilištu u Milanu – Veterinarski fakultet)

TRENER 2: Frane BOZIC



Rođen 1964. godine u Zadru, gdje je završio osnovnu i srednju školu (suradnik u pedagoškom smjeru - prirodoslovno-matematički smjer). Diplomirao 1992. na Veterinarskom fakultetu u Zagrebu, magistrirao 1996. na Prirodoslovno-matematičkom fakultetu u Zagrebu ("Intraepitelni T-limfociti u reakciji na crijevne gliste (*Trichinella spiralis*)" i doktorirao 2000. na Prirodoslovno-matematičkom fakultetu u Zagrebu. Veterinarski fakultet u

Zagrebu ("Imunomodulacijski učinak levamisola pri oralnom cijepljenju odbijene prasadi živim cjepivom protiv kolibaciloze" Radio kao znanstveni pripravnik na projektu MZT RH 3-03-301 ("Trichinosis: imunologija i imunopatologija"). zoonoze") na Zavodu za parazitologiju (1992.-1996.) te kao asistent (1996.-2000.), viši asistent (2000.-2003.), docent (2003.-2007.), izvanredni profesor (2007.-2010.) i redoviti profesor (2010.-) na Zavodu za farmakologiju i toksikologiju Veterinarskog fakulteta u Zagrebu predaje na dodiplomskom i poslijediplomskom studiju na matičnom fakultetu. Bio je stipendist talijanske vlade u Svjetskom referalnom centru za trihinelozu u Rimu (2000./2001.).). Sudjelovao na brojnim kongresima s više od 20 predavanja/usmenih izlaganja; 2003. godine na Devetom međunarodnom EAVPT kongresu održanom u Lisabonu dobio je



prvu nagradu za usmeno izlaganje rada "Levamisole stimulates intestinal T cell-mediated immune responses of weaned pigs to vaccination against colibacillosis". Aktivno sudjelovao u realizaciji jedanaest znanstvenih projekata kao istraživač. Objavio više od stotinu bibliografskih jedinica.

TRENER 3: Tomislav KIS



Na Veterinarskom fakultetu Sveučilišta u Zagrebu diplomirao je 1997. godine. U Ministarstvu poljoprivrede – Upravi za veterinarstvo zaposlen je od 2007. godine. Do 2010. godine radi u Sektoru veterinarskog javnog zdravstva, uglavnom na poslovima implementacije Uredbi 'higijenskog paketa' EU u hrvatsko zakonodavstvo, u sklopu predpristupnih pregovora Hrvatske s Europskom unijom. U Sektor za zaštitu zdravlja životinja prelazi 2010. godine, na poslove provedbe niza nacionalnih programa ostvarivanja zdravstvenih statusa populacije domaćih životinja. Od 2012. do 2016. godine na mjestu je načelnika Sektora za zaštitu zdravlja životinja, na poslovima izrade i provedbe nacionalnog zakonodavstva iz područja veterinarske epidemiologije, dobrobiti životinja, sustava označavanja i registracije domaćih životinja te organizacije veterinarske službe. Od 2019. godine na mjestu je načelnika Sektora za sigurnost hrane i veterinarsko javno zdravstvo.

TRENER DE SCHIMBARE COMPORAMENTALĂ (TRENER 4): Annick SPAANS



Voditelj projekta - ZLTO

Annick je znanstvenica za životinje i komunikacijska znanstvenica koja je posljednjih godina stekla mnogo iskustva s upravljanjem promjenama i participativnim pristupima u sektoru stočarstva. Ima iskustva u raznim europskim projektima o razboritom korištenju antibiotika i poboljšanju usklađenosti s biosigurnošću. Annick je u tim projektima vodila poljoprivrednike, veterinare i savjetnike prema poboljšanjima na farmama koristeći metodologije podučavanja i participativne radionice.

Annick radi kao voditeljica projekta za ZLTO, udruhu poljoprivrednika u Nizozemskoj. Njezin je cilj podržati poljoprivrednike u inovativnim procesima kako bi se poboljšali sustavi uzgoja stoke, posebno u zdravlju i dobrobiti životinja, uz zadržavanje zarađivačke moći poljoprivrednika.



[Informacije o materijalima za obuku](#)

Sve prezentacije i materijali za obuku bit će dostupni na našoj web stranici www.armfvtraining.eu

Naša web stranica također sadrži poveznice na relevantne organizacije, kao i programe kao što su EPRUMA, DISARM i drugi.

Materijali za obuku mogu se pronaći na engleskom i nacionalnim jezicima na našoj web stranici u svrhu širenja informacija. Potičemo vas da koristite materijale za obuku i prakticirate različite metode širenja, tj. informiranje kolega o informacijama dobivenim tijekom obuke, distribuciju materijala za obuku, održavanje prezentacija na temelju materijala za obuku, između ostalog.

[Sljedeći koraci](#)

Dva mjeseca nakon treninga, sudionici će biti kontaktirani putem e-pošte kako bi ispunili online upitnik za mjerenje učinkovitosti treninga. Ovaj upitnik će sadržavati pitanja o primjeni stečenog znanja u svakodnevnoj radnoj praksi. Pohađanjem edukacije pristajete na kontaktiranje u tu svrhu i davanje informacija putem online upitnika.

Očekuje se da će svi sudionici postići kompromis oko širenja sadržaja obuke i stečenog znanja. U tu svrhu dobit ćete USB s prezentacijama treninga (naći ćete ih i na našoj web stranici).



Information about the Trainers' team

TRAINING COORDINATOR (T1): Massenzio FORNASIER



Mr. Massenzio FORNASIER is an independent consultant working in the area of human and veterinary Pharmaceutical Industry.

He has a broad experience in this field having worked for more than 30 years in preclinical and clinical development and pharmacovigilance. He has worked in different companies with different roles and responsibilities. He has been involved in research projects in different therapeutic areas including cardiovascular, respiratory, gastrointestinal, CNS, infectious disease, and oncology, as toxicologist and pharmacologist. He has been responsible for the preparation of the Preclinical safety documentation leading to the submission of 5 IND/IMPD and 1 NDA/MAA. Among those projects, two led to a full registration. Dr. Fornasier has an extensive experience in developing quality management systems applied to the production, quality control, and distribution of medicinal products, including small molecules, biologics and vaccines.

Dr Fornasier joined several international projects in the field of veterinary medicine. He is member and past president of EVERI, the FVE section that represents the interests of veterinarians working in Education, Research and Industry. He was involved in postgraduate training programme at the EU level (VetCEE, Hermes) and at the national level (contract professor at University of Milan – Faculty of veterinary medicine). He is scientific director and teacher of a training course in laboratory animal science.

TRAINER 2: Frane BOZIC



Born in 1964 in Zadar, where he completed primary and secondary school (Associate in Education - Science and Mathematics). Graduated in 1992 at the Faculty of Veterinary Medicine in Zagreb, master's degree in 1996 at the Faculty of Science and Mathematics in Zagreb ("Intraepithelial T-lymphocytes in the reaction against intestinal worms (*Trichinella spiralis*)" and received his PhD in 2000 at the Faculty of Veterinary Medicine in Zagreb ("Immunomodulating effect of levamisole in oral vaccination of weaned piglets with a live vaccine against colibacillosis"). Worked as a research trainee on the project MZT RH 3-03-301 ("Trichinosis: immunology and immunopathology of zoonosis") at the Department of Parasitology (1992-1996) and as an assistant (1996-2000), senior assistant (2000-2003), assistant professor (2003-2007), associate professor (2007-2010) and full professor (2010-) at the Department of Pharmacology and Toxicology of the Faculty of Veterinary Medicine in Zagreb. Teaches at undergraduate and postgraduate studies at his home Faculty. Was a scholarship holder of the Italian Government at the World Trichinosis Referral Center in Rome (2000/2001). Participated in numerous congresses with more than 20



lectures/oral presentations; in 2003, at the Ninth International EAVPT Congress held in Lisbon, he received the first prize for the oral presentation of the paper "Levamisole stimulates intestinal T cell-mediated immune responses of weaned pigs to vaccination against colibacillosis". Actively participated in the implementation of eleven scientific projects as a researcher. Published more than one hundred bibliographic units.

TRAINER 3: Tomislav KIS



He graduated Veterinary Medicine at University of Zagreb in 1997. Since 2007 he is employed in Ministry of Agriculture – Veterinary Directorate. By 2010, he worked in Veterinary public health Sector, mainly on the implementation of the 'hygiene package' EU legislative frame into Croatian legislation and public health system, within the Croatian accession negotiations with the European Union. Since 2010, he worked in Animal health protection Sector, on the development and the implementation of different National veterinary programmes for control and eradication of certain diseases. From 2012 to 2016 he was on the position of Head of Animal health protection Sector, responsible for national legislation frame within the field of veterinary epidemiology, animal welfare, animal identification and registration system and structure and organization of national veterinary service. Since 2019 on the position of Head of Food Safety and Veterinary Public Health Sector.

BEHAVIORAL CHANGE TRAINER (TRAINER 4): Annick SPAANS



Project Manager - ZLTO

Annick is an Animal Scientist and Communication Scientist who gained a lot of experience with change management and participatory approaches in the livestock sector over the last years. She has experience in various European projects about prudent use of antibiotics and improving biosecurity compliance. In these projects, Annick guided farmers, veterinarians and advisors towards improvements in farms using coaching methodologies and participatory workshops.

Annick works as a project manager for ZLTO, a farmers' association in the Netherlands. Her goal is to support farmers in innovative processes in order to improve livestock systems, especially in animal health and welfare, whilst maintaining the earning power of the farmer.



[Information about the training materials](#)

All the presentations and training materials will be available on our webpage www.armfvtraining.eu

Our webpage also contains links to relevant organizations, as well as programs such as EPRUMA, DISARM and others.

Training materials can be found in English and in national languages on our webpage for dissemination purposes. [We encourage you to use the training materials and to practice different dissemination methods](#), i.e. informing peers about the information received during the training, distributing training materials, giving presentations based on the training materials, among others.

[Next steps](#)

Two months after the training, participants will be contacted via email to fill in an online questionnaire to measure the training's effectiveness. This questionnaire will contain questions about the application of the acquired knowledge in daily work practice. By attending the training, you agree to be contacted for this purpose and to provide information through the online questionnaire.

It is expected that all participants compromise to disseminate the content of the training and knowledge acquired. To this end, you will receive a USB with presentations of the training (you will also find them on our webpage).