



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

Plovdiv, Bulgaria

05 November

19:30

Networking dinner

Venue: *Hotel Imperial (6 Lev Tolstoy Str., Plovdiv, Bulgaria)*

06 November 2024

09:00 – 17:00

Training session

Venue: *Hotel Imperial (6 Lev Tolstoy Str., Plovdiv, Bulgaria)*

Registration link: <https://forms.office.com/e/GjMLuucPEb>

08:00	Participants' registry
09:00	Session begins at 9:00

Opening of the session

9:00 – 9:10	Andrea CASTRO Project Manager	Welcome and introduction, presentation of guest speakers, presentation of trainers' team
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Welcome address

9:10 – 9:20	- Ms. Elisa RUBIO LUCAS, Head of International Projects Department, AENOR - Dr. Petya PETKOVA, Executive director, Bulgarian poultry Union.
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DG Sante's work

9:20 – 9:35	Luben GORANOV, Policy Officer, DG SANTE
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Introduction to training programme

9:35 – 9:40	Jan VAARTEN Training coordinator, Trainer 1	Course topics, objectives and activities are explained.
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Pre-training test

9:40 – 10:00	Andrea CASTRO Project Manager	Self-assessment test to measure participants' knowledge
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Part 1 – Presentations on Antimicrobial resistance legislative framework at EU and national level

1. Antimicrobial resistance impact

10:00 – 10:30	Jan VAARTEN and Hristo DASKALOV Trainer 1 & 3	General data and figures on resistance will be presented, as well as the economic impact and the actions taken.
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2. Introduction to overall EU regulatory framework supporting best practices to fight AMR.

10:30 – 11:00	Antonio RADOEV, Trainer 2	<p>Brief introduction to the main provision included in the new regulation in relation to the prudent use of antimicrobials:</p> <ul style="list-style-type: none"> ✓ Antimicrobial definition in the Regulation (EU) 2019/6 on Veterinary Medicinal Products (VMP) ✓ The use of antimicrobial medicinal products for prophylaxis ✓ Metaphylaxis treatment ✓ National regulations or guidelines ✓ Veterinary prescription and record keeping ✓ Marketing authorization and Leaflets ✓ Use of VMP outside the Marketing authorization
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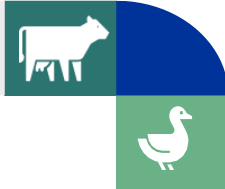
11:00 – 11:30 (30 MIN) Coffee break and group photo

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

11:30 – 12:00	Jan VAARTEN and Hristo DASKALOV Trainer 1 & 3	<p>Common elements for EU veterinarians and farmers, with focus on VMP:</p> <ul style="list-style-type: none"> ✓ Prescriptions and use of VMP at EU and national level ✓ Obligations for farmers and veterinarians ✓ National legislation
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4. Important elements included in the new regulations, on VMP & MF and national related legislation and/or guidelines to be considered by veterinarians & farmers (II)

12:00 – 12:30	Antonio RADOEV, Trainer 2 & Hristo DASKALOV 3	<p>Common elements for EU veterinarians and farmers, with focus on Antimicrobial medicinal products :</p> <ul style="list-style-type: none"> ✓ Delegated and Implementing Regulations (tertiary legislation) ✓ Lists of antimicrobials that can be used in general, specific circumstances or for specific species or in certain conditions ✓ List of antimicrobials for specific species (aquatic, horses) ✓ Pharmacovigilance ✓ Best practices for VMP disposal ✓ EU and other guidelines for the prudent use of antimicrobials in veterinary medicine and relevant sectorial guidelines. ✓ Regulation (EU) 2016/429 on transmissible animal disease, Animal Health Law (AHL) ✓ National regulations
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Part 2 – Hands-on training: veterinarians and farmers towards a common goal

Instructions for group exercises

12:30 – 12:45	Manuel MAGALHÃES SANT'ANA ,Trainer 4	Instructions for group exercises
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Group Exercise 1. Identifying the challenges in implementing best practices and further reduce the need to use antimicrobials

12:45 – 13:10	Manuel MAGALHÃES SANT'ANA, Trainer 4	<p>Veterinarians and farmers are grouped separately.</p> <p>Identification of challenges and opportunities observed in the field that impact the implementation of best practices and further reduction of AMU, such as:</p> <ul style="list-style-type: none"> ✓ husbandry conditions, ✓ disease situation, ✓ biosecurity, ✓ animal health visits, ✓ diagnostic testing, ✓ prescription and use of antimicrobials, etc
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13:10 – 13:50 (40 MIN) Lunch

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

13:50 – 14:15	Manuel MAGALHÃES SANT'ANA, Trainer 4	<p>Veterinarians and farmers will be grouped in mixed small groups per specie.</p> <p>This group exercise will be focused on how to improve <u>husbandry practices</u>.</p>
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Group Exercise 2.B. Enhancing collaboration of veterinarians and farmers in finding solutions to address barriers and enforce the prudent use of antimicrobials

14:15 – 14:40	Manuel MAGALHÃES SANT'ANA, Trainer 4	<p>Veterinarians and farmers will be grouped in mixed small groups per specie.</p> <p>This group exercise will be focused on how to reduce the use and have a more responsible <u>use of antimicrobials</u>.</p>
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Group Exercise 3.A. Best practices to improved husbandry practices. Common presentation and discussion

14:40 – 15:10	Manuel MAGALHÃES SANT'ANA, Trainer 4	<p>Collaboration between veterinarians and farmers is fostered by sharing solutions to enhance husbandry practices.</p> <p>The outcomes from the round tables 2A are presented.</p>
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Group Exercise 3.B. Best practices to enhance a responsible use of antimicrobials. Common presentation and discussion.

15:10 – 15:40	Manuel MAGALHÃES SANT'ANA, Trainer 4	<p>Collaboration between veterinarians and farmers is fostered by sharing solutions to enhance responsible use</p>
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of antimicrobials and to reduce the need to use antimicrobials.
The outcomes from the round tables 2B are presented.

15:40 – 16:10 (30 MIN) Coffee break

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

16:10 – 16:40	Presentation of case studies or best practices.
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Conclusions of the training

16:40 – 16:50	Jan VAARTEN, Trainer 1	Key contents are highlighted and a summary of the training is provided, including lessons learned, relevant questions and answers, among others.
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Post-training test

16:50 – 17:05	Andrea CASTRO Project Manager	Self-assessment test to measure the impact of the training. Results are commented by the trainers.
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Closing of the session and evaluation from participants

17:05 – 17:15	Andrea CASTRO Project Manager	It is your opportunity to rate several aspects of the training session.
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17:15 End of the training session



Information about the training materials

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

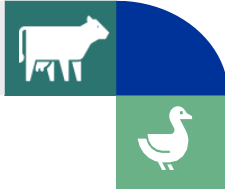
Our webpage also contains links to relevant organizations, as well as programs such as EPRUMA, DISARM and others.

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.



Information about the trainers' team

Trainer Coordinator – Trainer 1 - Jan VARTEEN



Jan Vaarten is a veterinarian who graduated from the Veterinary Faculty of the university of Utrecht, The Netherlands. In 2003, he was appointed Executive Director of the Federation of Veterinarians of Europe in Brussels, where he stayed until his retirement in 2021. From 2010 until 2020 he also was Executive Secretary of the World Veterinary Association.

Trainer 2 – Antonio RADOEV



Master in veterinary medicine since 1997, graduated from the Trakia University, Faculty of Veterinary Medicine, Stara Zagora, Bulgaria. Experience in the area of Veterinary medicinal products (VMP) regulation since 2006 as a staff member of the Bulgarian national competent authority. Current position: Head of Department for Controls on Manufacture, Trade and Use of Veterinary medicinal products within the Bulgarian Food Safety Agency (BFSA); chairman of the Commission under the Executive director of BFSA for Marketing authorisation of pharmaceutical VMP. Main expertise related to controls on manufacture and trade of VMP; supervision on the usage of VMP at veterinarian and farm (end user) level; antimicrobial VMP sales and use data collection and data reporting; different activities related to the implementation of the new VMP Legislation at national and EU level, including as a staff member of the European medicines agency and ad hoc member of the Standing Committee for VMP at the European Commission.

Trainer 3 – Hristo DASKALOV



Prof. Dr. Hristo Daskalov is a specialist in veterinary medicine, graduated from the Moscow Veterinary Academy. He specialized at Heriot-Watt University, Edinburgh, Scotland, Great Britain AND and majored at Colorado State University, Colorado, USA. In 2008, Dr. Daskalov started working at the National Diagnostic Research Veterinary Medical Institute (NDNIVMI) in Sofia and became Head of the National Center for Food Safety in 2010.

Dr. Daskalov is an active participant as a tutor in the EC-funded Better Training for Safer Food (AMR) training program from 2017 to 2022, covering issues related to animal husbandry and veterinary activities to reduce the use of antimicrobials means. He is currently teaching at the Forestry University and Sofia University in the city of Sofia and is also a lecturer in surrounding countries.

Trainer 4 – Manuel MAGALHÃES SANT'ANA



Mr. MAGALHÃES SANT'ANA is a veterinarian and a specialist in Animal Welfare by the European Board of Veterinary Specialisation. He is a researcher at the Centre for Interdisciplinary Research in Animal Health at the Faculty of Veterinary Medicine of the University of Lisbon and a member of the Scientific Council of APMVEAC - Portuguese Association of Veterinary Specialists in Companion Animals. His research interests are diverse and range from animal and professional ethics to human-animal relations, animal welfare and evidence-based veterinary medicine.