

5th Veterinary Big Data Stakeholder Forum

10 November 2025

Virtual meeting / EMA, Amsterdam

The annual edition of the Veterinary Big Data Stakeholder forum is part of the implementation of the EU Veterinary Big Data Strategy.

With presentations from representatives of EMA, the veterinary industry and academia, this year's agenda will focus on **real-world applications of big data and artificial intelligence (AI)** in the veterinary medicinal regulatory domain, and, as part of our commitment to stakeholder engagement, we warmly invite submissions from interested parties to share insights, case studies, or research on the use of big data and AI applications.

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09:00 **Joining and technical checks**

09:30 **Welcome and opening speech**

Presentation **5'**
Ivo Claassen (EMA)

09:35 **Session 1: Framing the Landscape**

Chair: to be confirmed

Veterinary Big Data Strategy and workplan update **15'**
Paul Lynn (EMA)

Use of RWD as pivotal evidence in veterinary regulatory applications **20'**
Raffaele Bruno (Zoetis)

Digital technologies and RWE for the evaluation of medicines **15'**
Alasdair Cook (AVC)

Q&A session **15'**

10:40 **Networking coffee break**

11:00 **Session 2: AI and Data in the Antimicrobial domain**

Chair: to be confirmed

Use of antibiotics in companion animals from 133 German practices **20'**
Roswitha Merle (Freie Universität Berlin)

Interoperable Big Data for Veterinary Prescription and Antimicrobial Use **20'**
Inês Almeida (DGAV)

Harnessing LLMs to improve antimicrobial use monitoring in dairy farming **20'**
Ben Koppe (Cornell University)

Q&A session **15'**

12:15 **Lunch break**

13:15 Session 3: Navigating AI Impact

Chair: to be confirmed

How company roles are changing with AI **25'**
Ruth Gross (AnimalhealthEurope)

AI governance in veterinary Big Data: why pursue it and how to achieve it **30'**
Petra Harms (VetMaite)

Q&A session **15'**

14:20 Session 4: AI Supported Use Cases

Chair: to be confirmed

SPC Reader: the next use case **15'**
Laura Romero (EMA)

AI Toolbox: a suite of AI-powered services developed by the MPA **20'**
Seamus Doyle (MPA)

Leveraging unified big data and AI: insights from VetCompass **20'**
Noel Kennedy (RVC)

Q&A session **15'**

15:30 Networking Coffee break

15:50 Session 5: Data-supported use cases

Chair: to be confirmed

Development of a data-driven quality improvement project in primary care clinics treating companion animals across Europe and Canada: Introducing the Care Framework **20'**
David Singleton (IVC Evidensia)

Data for environment, climate, and animal health **20'**
Carla Maia (Planet4Health)

Q&A session **10'**

16:40 Panel Discussion

Panel discussion **35'**

17:15 Closing remarks

Wrap up **10'**
Ivo Claassen (EMA)

17:25 Networking opportunity

List of speakers

Alasdair Cook	Association of Veterinary Consultants (AVC)
Ben Kopp	Cornell University
Carla Maia	Planet4health
David Singleton	IVC Evidencia
Inês Martins Almeida	Directorate-General for Food and Veterinary of Portugal (DGAV)
Ivo Claassen	European Medicines Agency (EMA)
Laura Romero	European Medicines Agency (EMA)
Noel Kennedy	Royal Veterinary College (RVC)
Paul Lynn	European Medicines Agency (EMA)
Petra Harms	VetMaite
Raffaele Bruno	Zoetis Belgium
Roswitha Merle	Freie Universität Berlin
Ruth Gross	Phibro Animal Health
Seamus Doyle	Swedish Medical Products Agency (MPA)