



EUROPEAN MEDICINES AGENCY
SCIENCE MEDICINES HEALTH

Data initiatives in the veterinary domain

Data standard strategy workshop
18th May 2021

Presenter: Ilaria Del Seppia, Data Scientist – EMA Veterinary Medicines Division

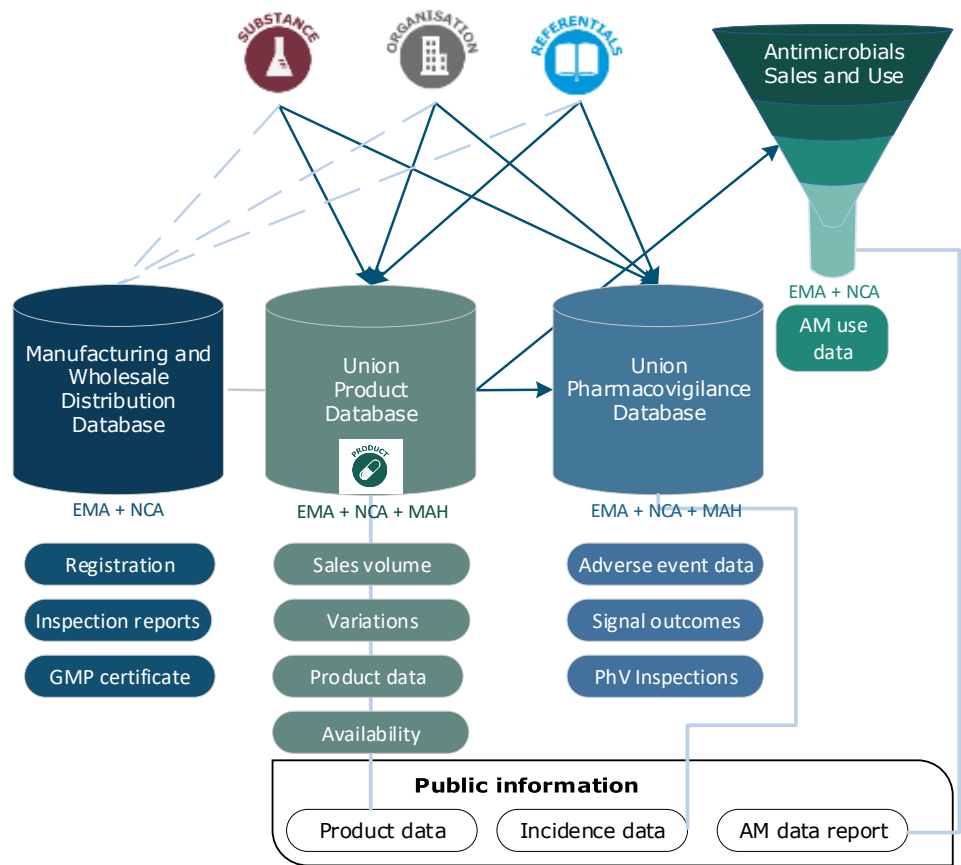
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Where we are (1)

The Agency and the entire EU regulatory network is focused on implementing the solutions required by the VMP Regulation (entering into force on 28th January 2022):

1. The Union Product Database (UPD)
2. Union Pharmacovigilance Database (EVV)
3. Collection of Antimicrobials Sales and Use (ASU)
4. Manufacturers and Wholesale Distributors database (MWD)



Building upon VMP-Reg implementation, the Agency is revising its procedures, processes and systems to:

- ✓ Embrace a data culture
 - ✓ Enhance VMP-Reg legal requirements with the use of new digital technologies
 - ✓ Be the pioneer of digital transformation at the Agency and across the Regulatory Network
- An EMA Veterinary Data Strategy was defined with a vision to establish a road map for aligning the activities across each discipline/ongoing VMP-Reg projects so that deliverables complement and build one on another
- The EMA Veterinary Data Strategy provides a baseline to open discussion on implementation of new digital solutions in the veterinary domain in liaison with the EU Medicines Regulatory Network and in the context of the Big Data Steering Group (BDSG) initiatives

HMA/EMA Big Data Steering Group was established in May 2020 to address 10 recommendations proposed by Big Data Task Force in 2019

1. DARWIN
2. Data Quality
3. Discoverability
4. Skills
5. Processes and transparency
6. Analytics capability
7. Expert advice
8. Ethics and Security
9. International
10. Stakeholder forum
11. Veterinary

1. *Vet Big data Team* formed by Dr S. Bertulat, Dr R. Carapeto, Dr C. Simoneit, Dr M. Goldammers, I. Del Seppia

2. Analysis on application of Big Data in Veterinary domain (presented at the BDSG in December 2020)

3. Endorsement to draft the European Veterinary Big Data Strategy

4. Pursue stakeholders engagement: Veterinary Big Data Stakeholder Forum (1 -2 June 2021)



- Implementing VMP-Reg solutions (i.e. UPD, EVV, ASU, MWD)
- Draft of the European Veterinary Big Data Strategy as supported by BDSG and CVMP and in cooperation with the Heads Of Medicines Agencies
- Contributing to BDSG activities providing preliminary inputs (e.g. Data Standards Strategy) based on:
 - current implementation of VMP-Reg solutions
 - the *EMA Veterinary Data Strategy*
 - the *Analysis on application of Big Data in Veterinary domain* performed by Vet Big Data Team

NOTE: Further inputs to be supplemented once the discussion is more mature

- Online event with the objectives of:
 - **building awareness** on the use of innovative digital technologies in the veterinary regulatory environment
 - **sharing needs, ambitions and opportunities**
 - **inspiring future activities**, shaping the development of the European Veterinary Big Data Strategy

- Registration is open until 25 May:
 - 1 June 2021: [registration link](#)
 - 2 June 2021: [registration link](#)

(if intending to participate both days, you must register for both days)

Further info available on [EMA website Event Link](#)





Any questions?

Further information

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