

EUROPEAN
MEDICINES
AGENCY

Veterinary Big Data Work Plan

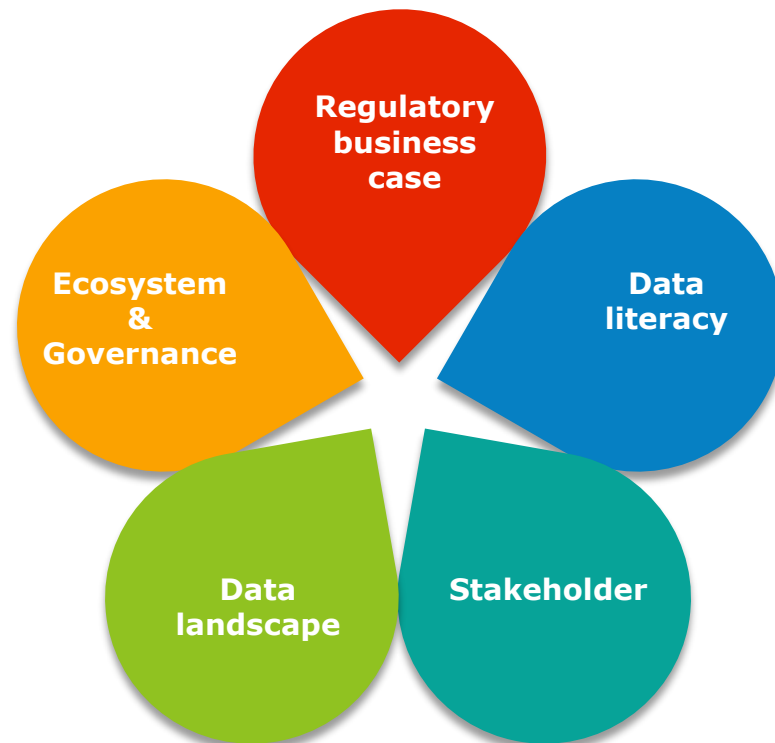
2022 to 2025

Presented by Dr. Sandra Bertulat

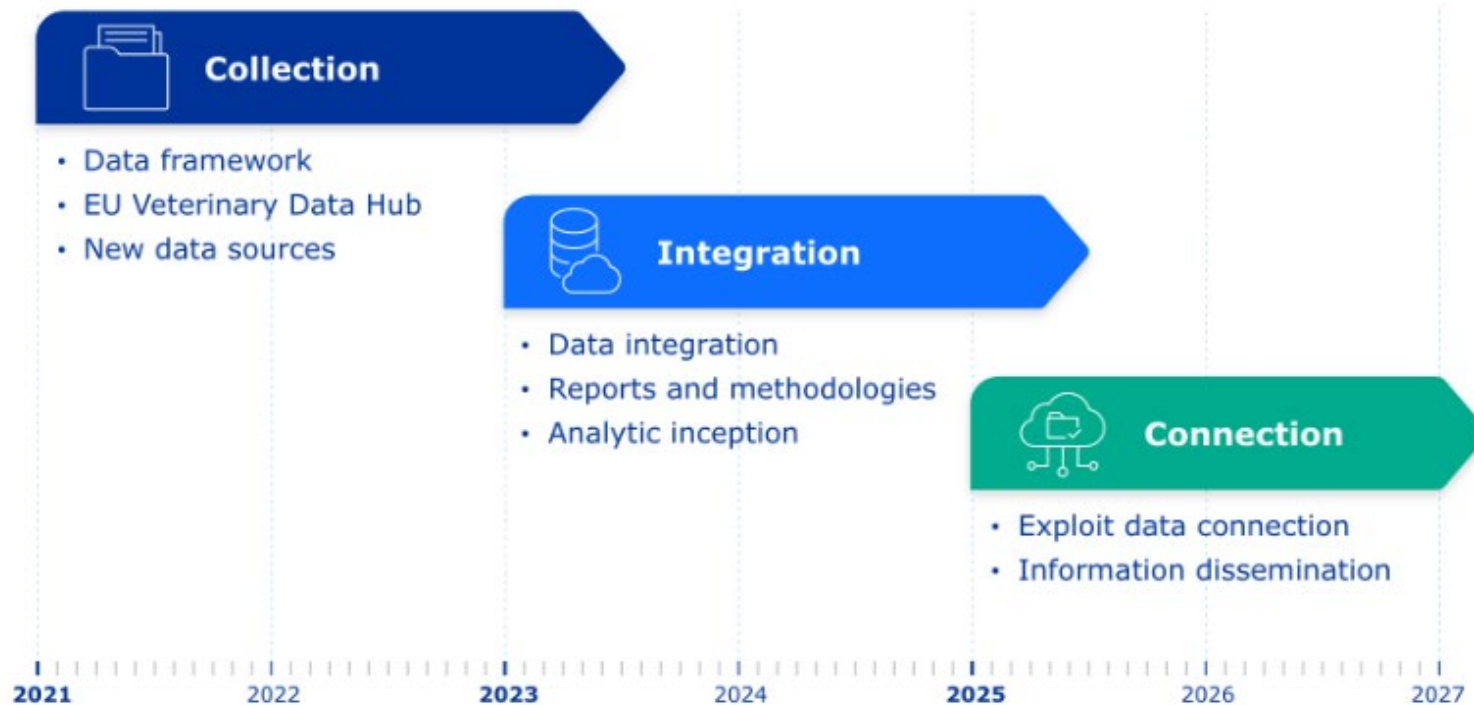
An agency of the European Union



Strategy paper adopted by HMA and CVMP in 2022



Implementation phases



2nd EU Vet Big Data Stakeholders Forum 2022

“In addition to progressing on enriching data quality in the veterinary systems established under Regulation (EU) 2019/6, an **EU Veterinary big data workplan** is to be developed to identify and prioritise use cases for the coming years.”



Use cases: identification & discussion



VMP Availability

- Monitoring veterinary medicines availability and anticipate shortages
- Data-driven identification of unmet medical needs and alternative treatments



Pharmacovigilance

- Signal detection, comparison and harmonisation of safety outcomes
- Enhance regulatory activities such as risk-based safety and compliance monitoring



Antimicrobial Resistance

Develop analytical methods to: understand the association of antimicrobial use and resistance development, inform risk management, identify emerging issues, and evaluate the impact of reduction of antimicrobial use on AMR development.

EU Vet Big Data workplan

Transposition of the EU Vet Big Data Strategy pillars into three workstreams



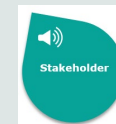
Analytics discoverability



Governance & literacy

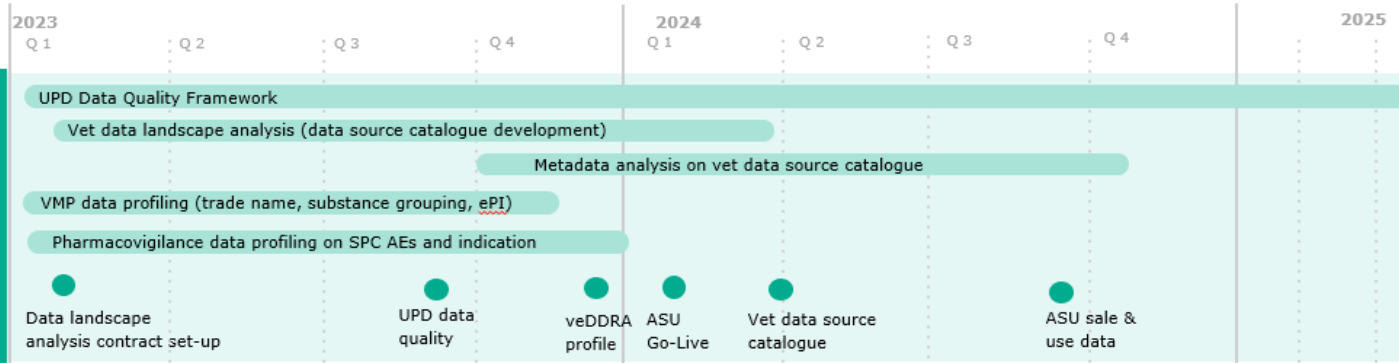


Stakeholder engagement





Analytics discoverability



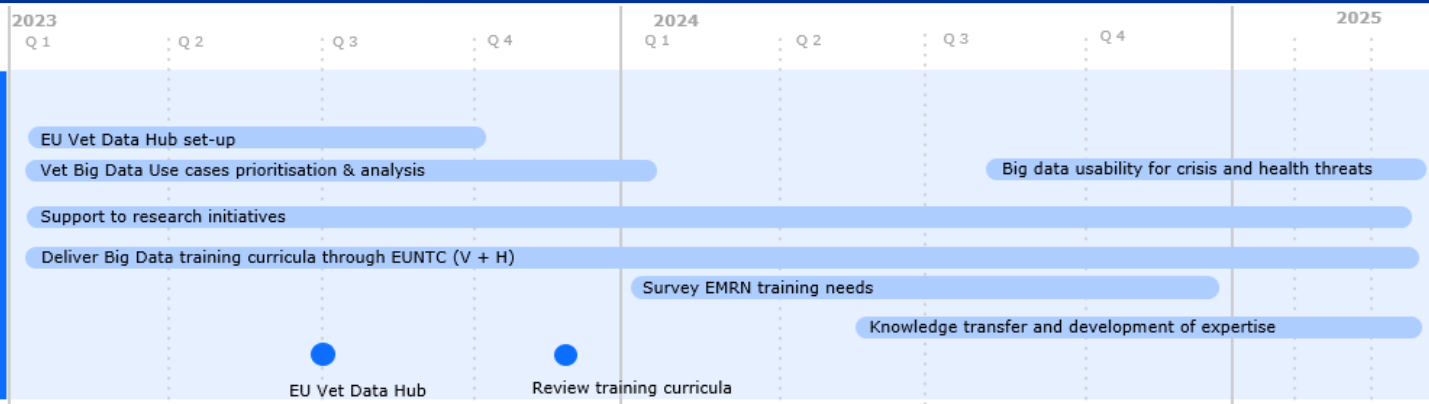
Key milestones:

- Q1 2023** UPD Data Quality Framework launch
- Q1 2023** Data landscape analysis research project launch
- Q4 2023** VeDDRA data profiling established
- Q1 2024** Antimicrobials Sales and Use database go-live
- Q1/Q2 2024** Metadata analysis research project launch
- Q2 2024** Veterinary data sources catalogue

Focus on Governance & Literacy



Governance & Literacy

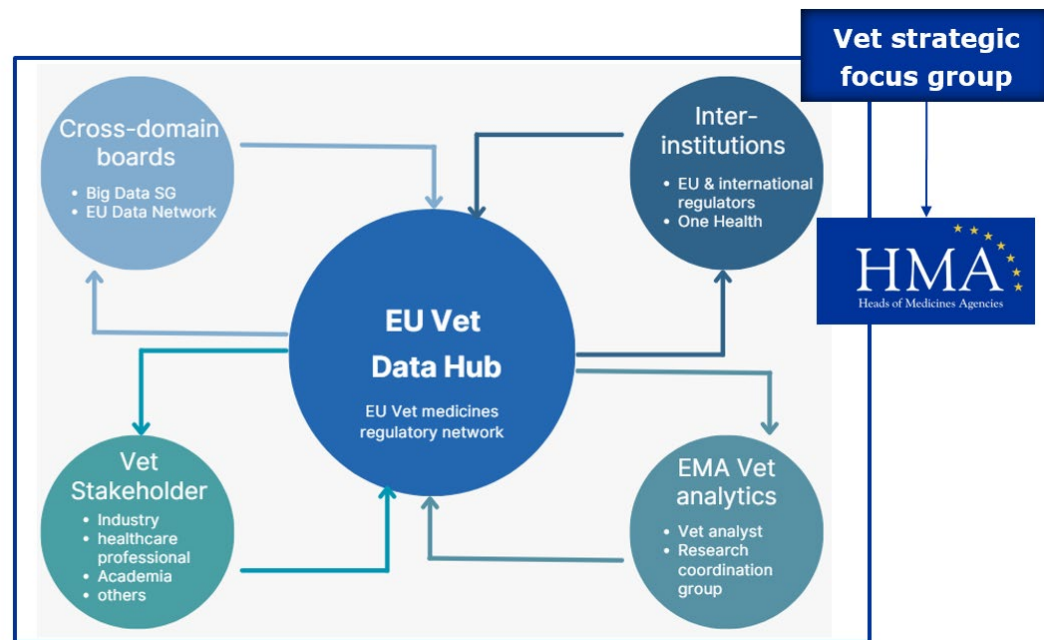


Key milestones:

- Q2 2023** Establishment of the EU Vet Data Hub
- from Q1 2023** Support to research initiatives
- from Q1 2023** Analyse and prioritise use cases to support vet regulatory activities
- Q4 2023** Review of network training curricula
- from Q1 2024** Contribute to the survey on network training needs
- from Q3 2024** Assess big data usability for crisis and health threats monitoring

Vet Data Hub

"the Vet Data Hub is a multidisciplinary forum of experts from the EU medicines regulatory network contributing to the definition of technical and structural guidance on utilization and implementation of new digital technologies to support veterinary regulatory activities."



Focus on stakeholder engagement




Key milestones:

- Q2 2023** Launch of the EU Veterinary Big Data webpage
- from Q2 2023** Report on Vet Big Data progress within the EMA Vet newsletter
- Q4 2023** Vet Big Data Stakeholder Forum
- Q4 2024** Vet Big Data Stakeholder Forum

EU Veterinary Big Data work plan to 2025



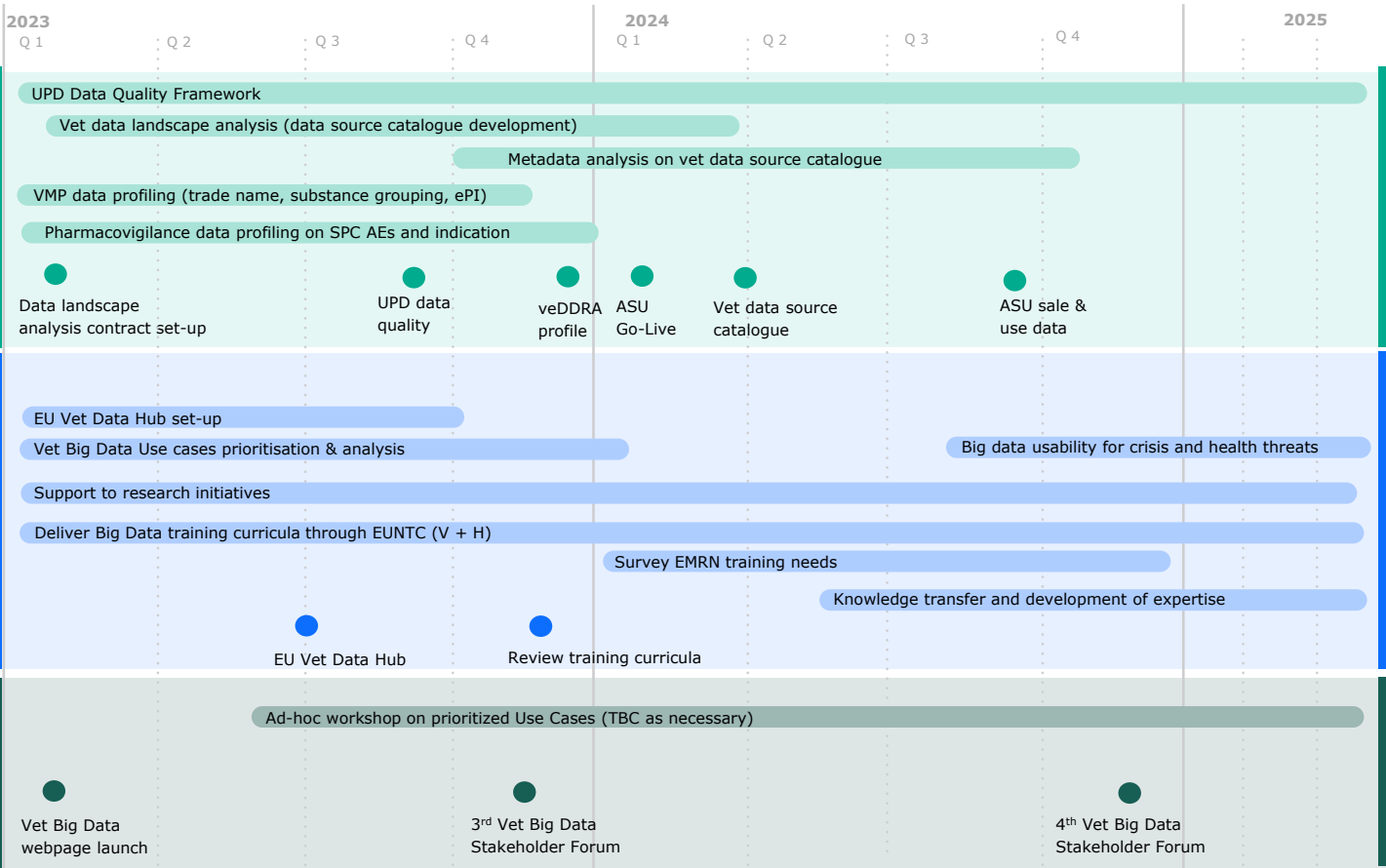
Analytics discoverability



Governance & Literacy



Stakeholder engagement



Thank you for your attention

Further information

Official address Domenico Scarlattilaan 6 • 1083 HS Amsterdam • The Netherlands

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Send us a question Go to www.ema.europa.eu/contact **Telephone** +31 (0)88 781 6000

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