EMA
EUROPEAN MEDICINES AGENCY

Veterinary Data strategy and workplan update

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Data is a precious thing and will last longer than the systems themselves.

Tim Berners-Lee

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Vet Data Hub — Who are we and what we do

Governance — Governance supported by dialogue and engagement

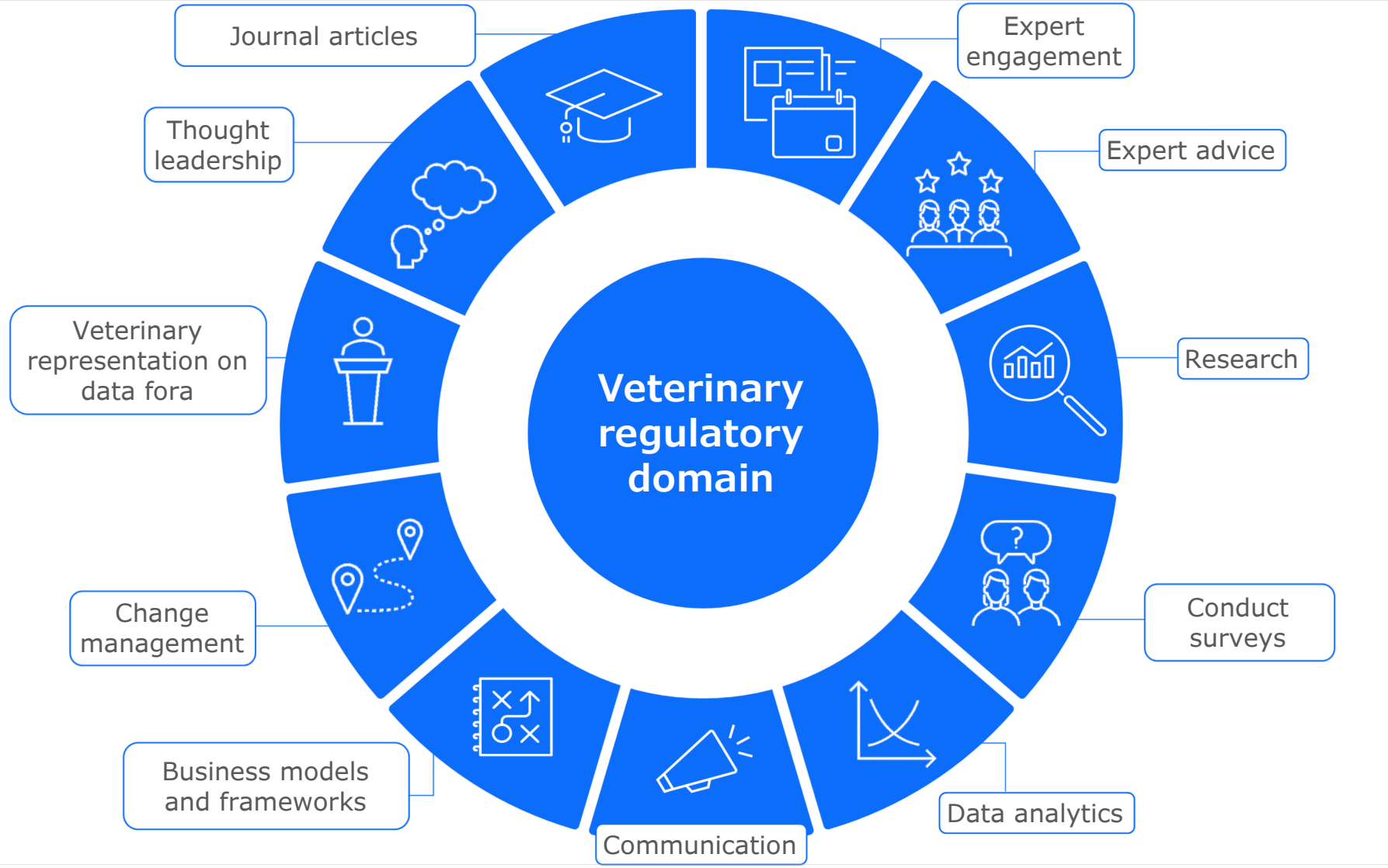
Achievements — 2026 key accomplishments

2028-2032 — The next 5-year plan

Next steps — The next 12 months

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Veterinary data team: scope of activities

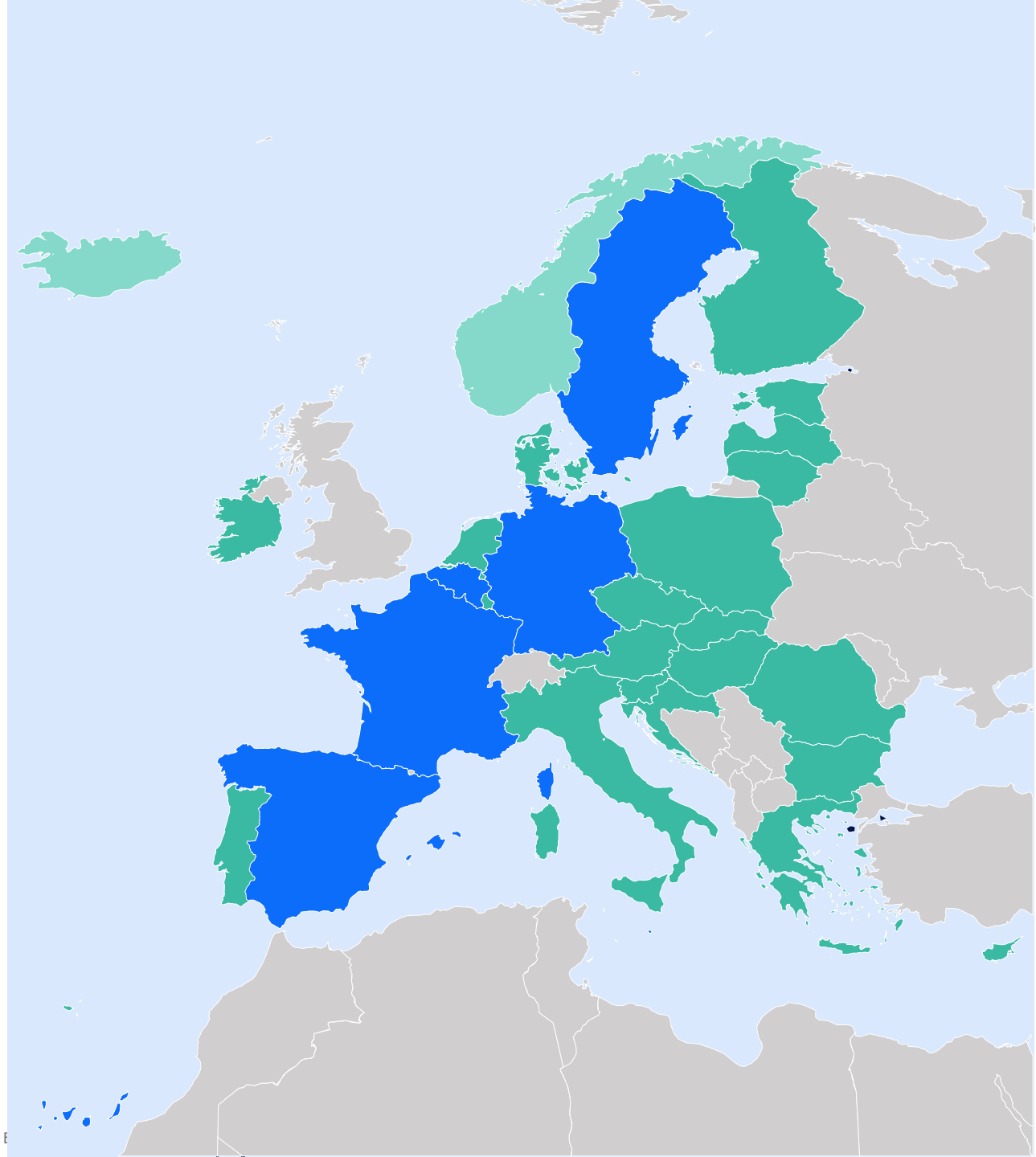


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Veterinary Data Hub

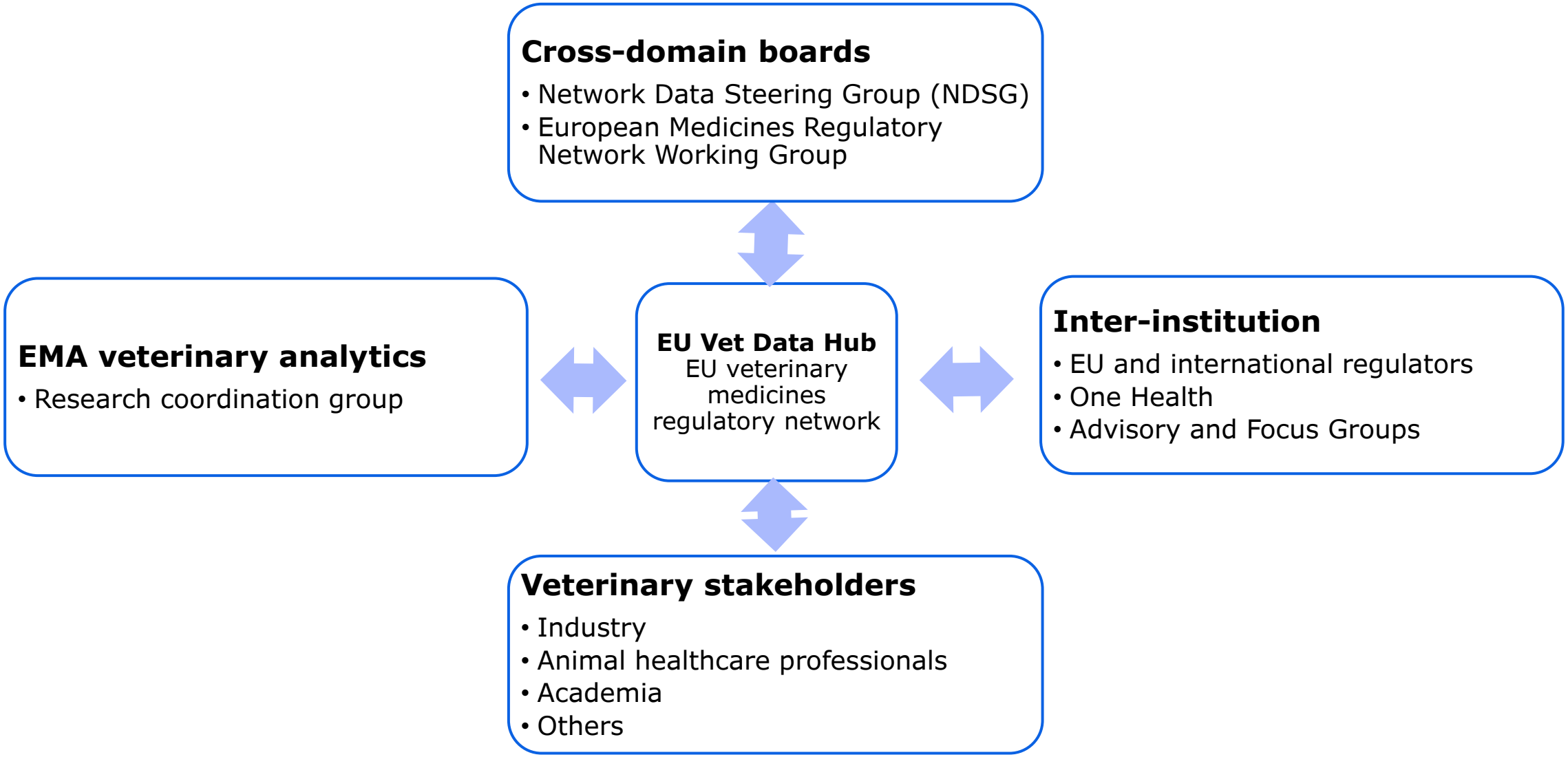
Multidisciplinary forum of Veterinary domain experts contributing to the:

- identification, prioritisation and support data-related initiatives.
- definition of technical and structural guidance on utilisation.
- implementation of new digital technologies to support veterinary regulatory activities.
- guidance on data needs relevant to the veterinary regulatory domain.



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Data Governance

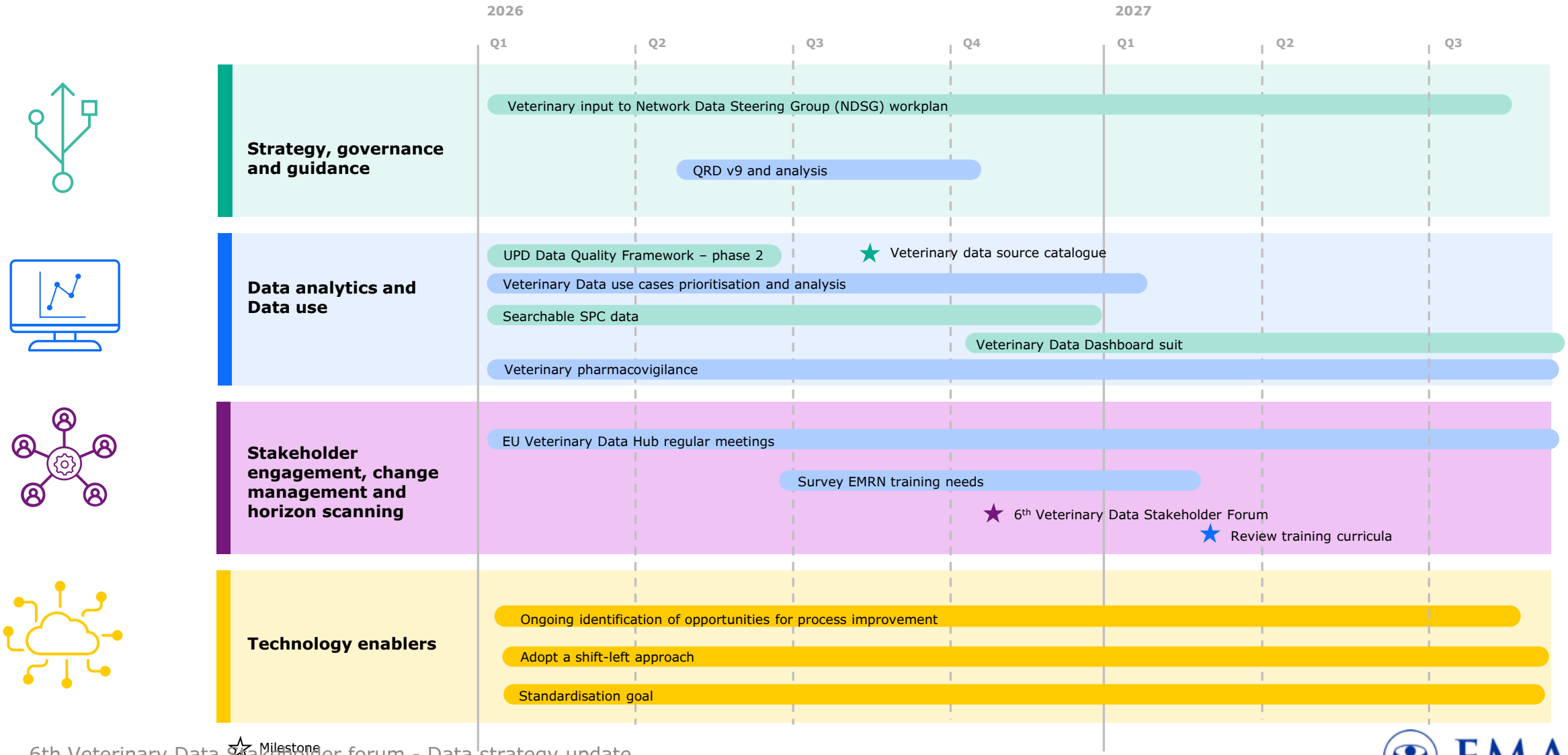


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> Data are not information, information is not knowledge, knowledge is not understanding, understanding is not wisdom.
>
> Clifford Stoll

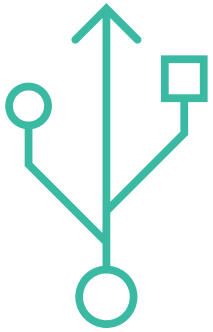
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Key achievements



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Strategy, governance and guidance



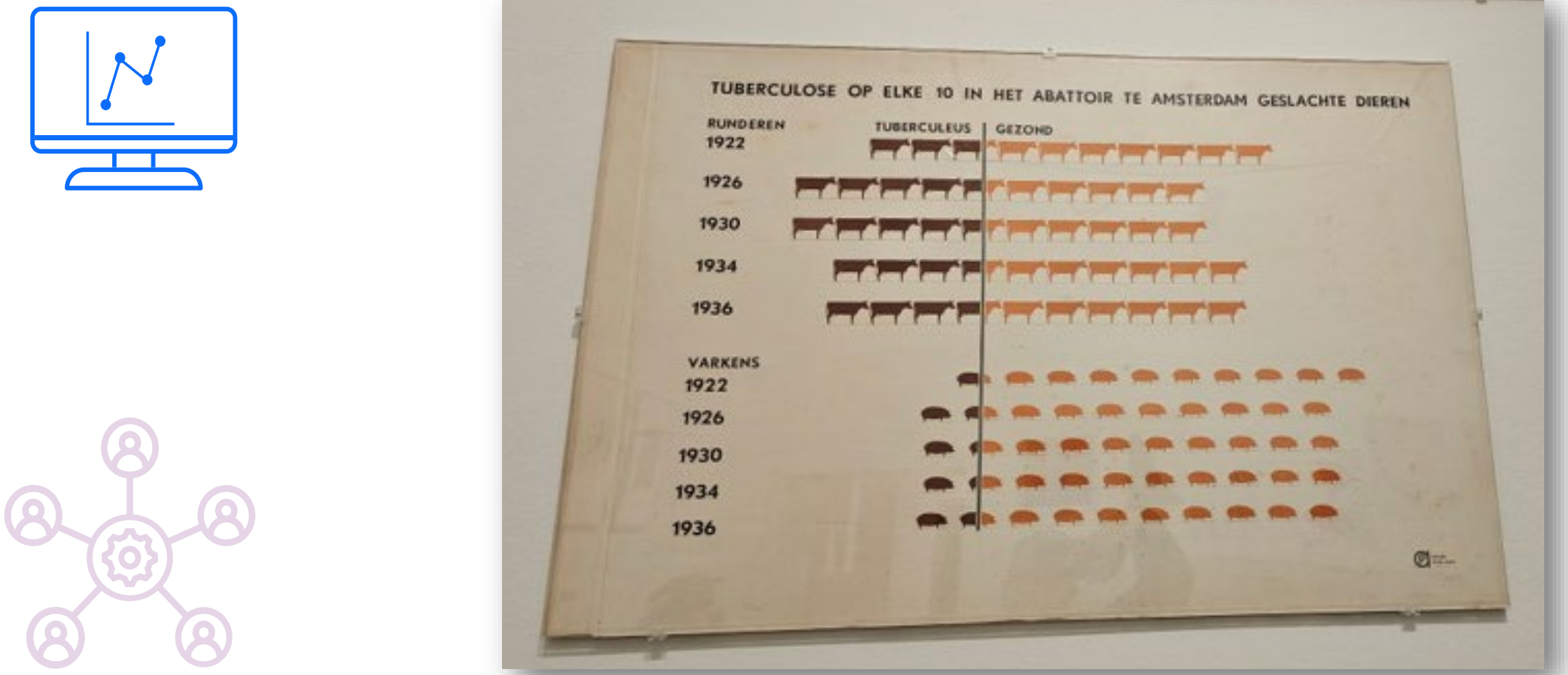
Implementation of the work plan

Veterinary involvement and integration with data fora and bodies, including NDSG and AI Co-ordination Group

Consultation starting on next phase of Veterinary Data Strategy

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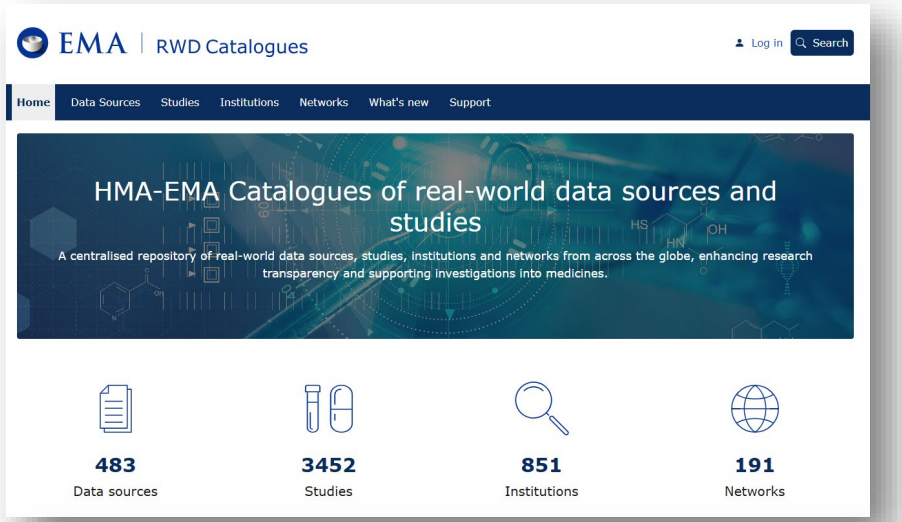
Data analytics and data use

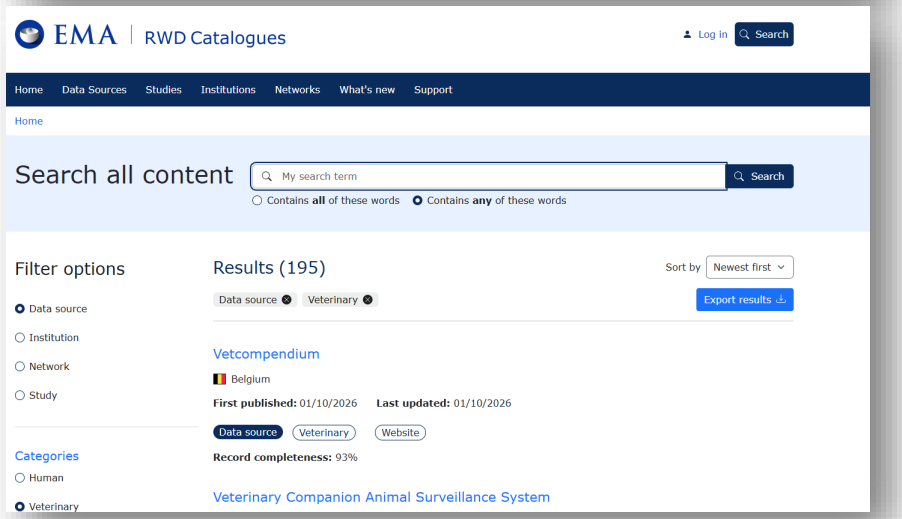


Tuberculosis found in one out of every ten animals slaughtered at the Amsterdam abattoir, Peter Alma (1937)

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Veterinary data landscape





- The **Data Landscape** project is complete
- Initial tranche of 195 veterinary data sources
- **Next step:** focus on adding datasets to support specific business goals

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Stakeholder Engagement & Technology Enablers



- **Stakeholder engagement, change management, and horizon scanning:** Engagement with stakeholders and leveraging the work of external parties remain critical to delivering the activities proposed by this workplan.
- Consistent engagement with stakeholders via Veterinary Newsletter, EMA event and EMA Veterinary Data Webpage



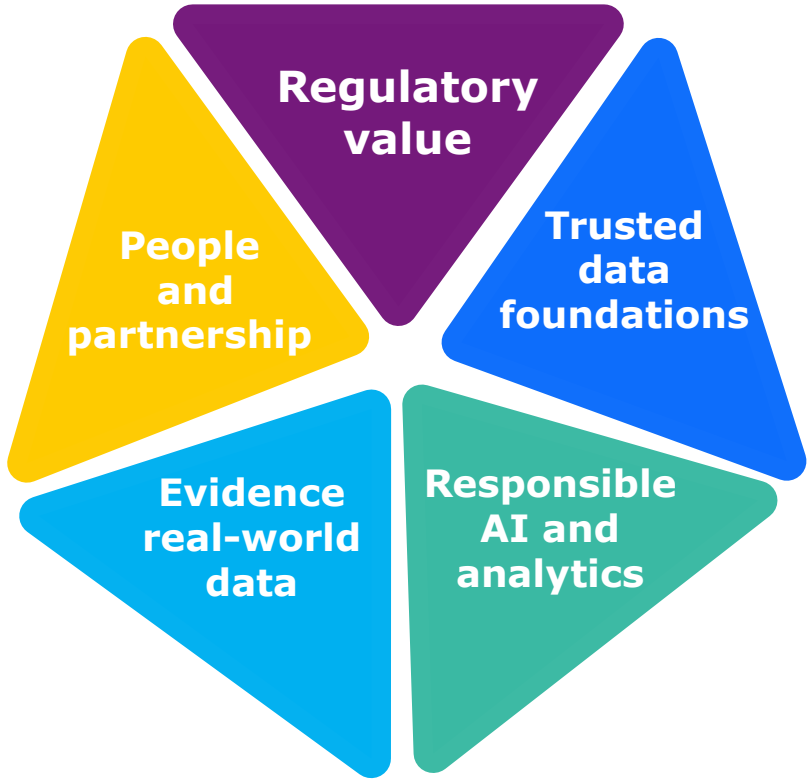
- **Technology enablers:** IT capabilities, platforms, tools, or infrastructure components that enable the veterinary data strategy goals
- Evaluation of new tools to achieve business objectives, including involvement in AI proof-of-concepts, low-code tooling for automation, and knowledge mining tools

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EMA Veterinary Data Strategy



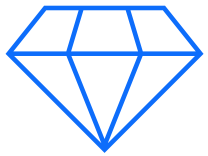
[European veterinary big data strategy 2022-2027]



The 2028-2032 Veterinary Data Strategy

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Moving forward: 2028-2032 Strategy



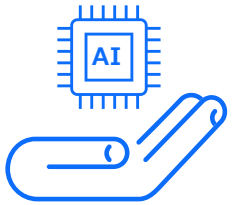
Regulatory value

Prioritised use cases across the veterinary medicinal product lifecycle. Deliver measurable regulatory value through data and technology.



Trusted data foundations

Catalogued, standardised, quality-assured veterinary data, built on UPD and other master data sources. Establish trusted and interoperable veterinary data foundations.



Responsible AI & advanced analytics

Alignment with EMA's AI strategy and guidance for risk-proportionate adoption of AI



Evidence from real-world data

Analyse pathway for veterinary real-world data (RWD) to inform regulatory decisions.

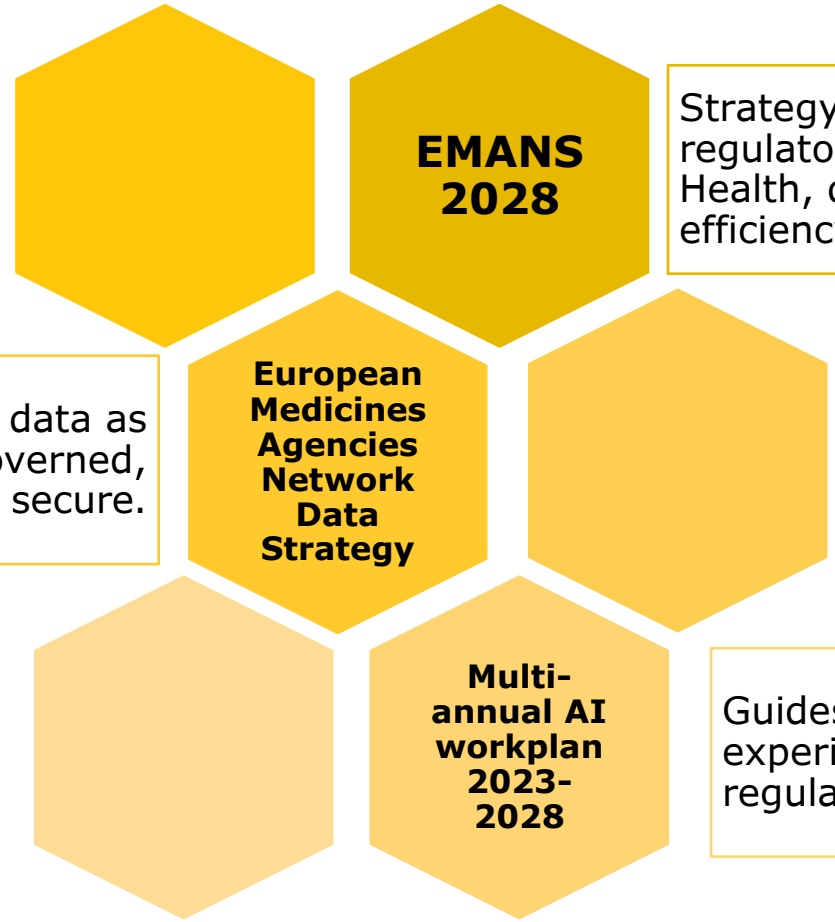


People, partnership and governance

Data and AI literacy, stakeholder collaboration, and alignment with network governance. Build the people, partnerships and governance needed for long-term success

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Veterinary Data Strategy 2028-2032: the bigger picture



Strategy for the entire European medicines regulatory network, covering innovation, One Health, digital transformation, AI and regulatory efficiency.

Establishes common data principles: data as assets, accessible, shared, governed, standardised and secure.

Guides AI adoption, governance, experimentation, training and regulatory policy.

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The next 12 months



Veterinary data strategy **consultation**

Constant **stakeholder engagement**

Implementing **Data Workplan** objectives

Monitoring delivery, tracking KPIs, **tracking and analysing** new impacts

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