AI en Data-platformen (in de zorg)

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Jubileumcongres NOREA-kennisgroep ICT & Zorg 12 november 2024

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A trillion-dollar regulatory game on data sovereignty and autonomy

Bridging science and business

Data & AI in Ecosystems KPMG

AI & Audit University of Amsterdam

We are Big Data — The Future of the Information Society

BUILDING TRUST IN A SMART SOCIETY — MANAGING IN A MODULAR, AGILE & DECENTRALIZED WAY

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Agenda

- **The project (EPI)**
- Operationalizing (AMdEX)
- How to start? (CoE-DSC / DSSC)
- Conclusion

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Enabling Personalized Interventions
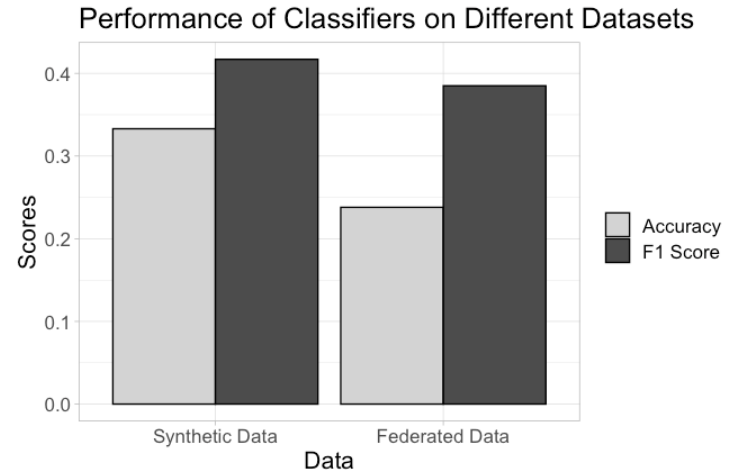
Synthetic Data
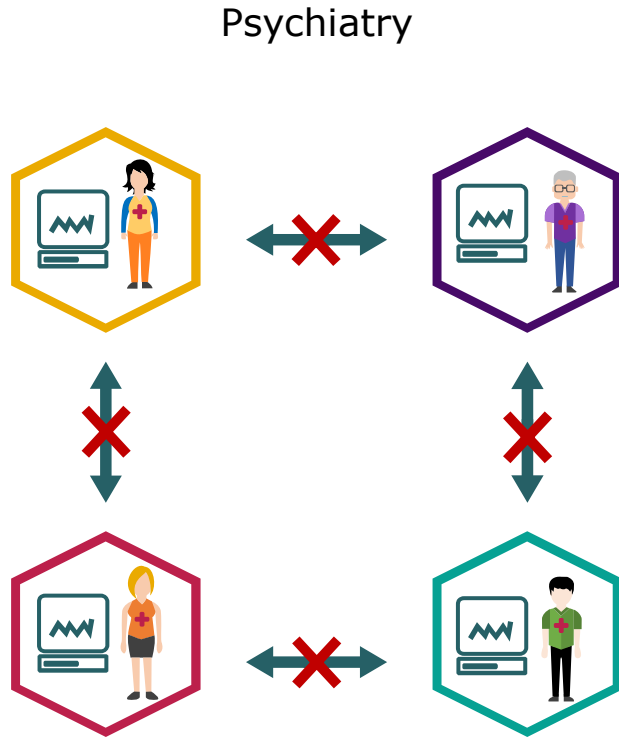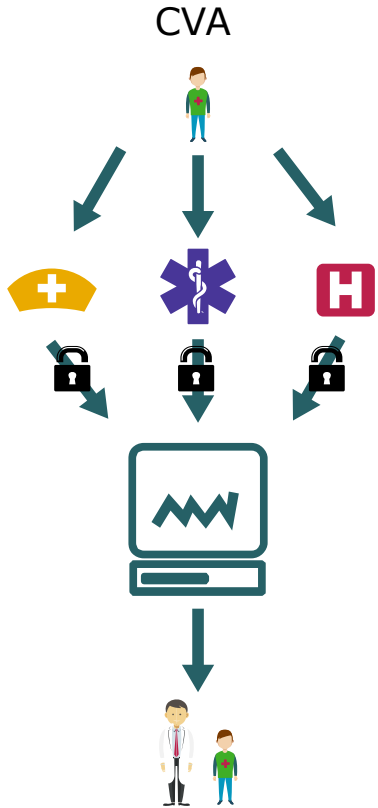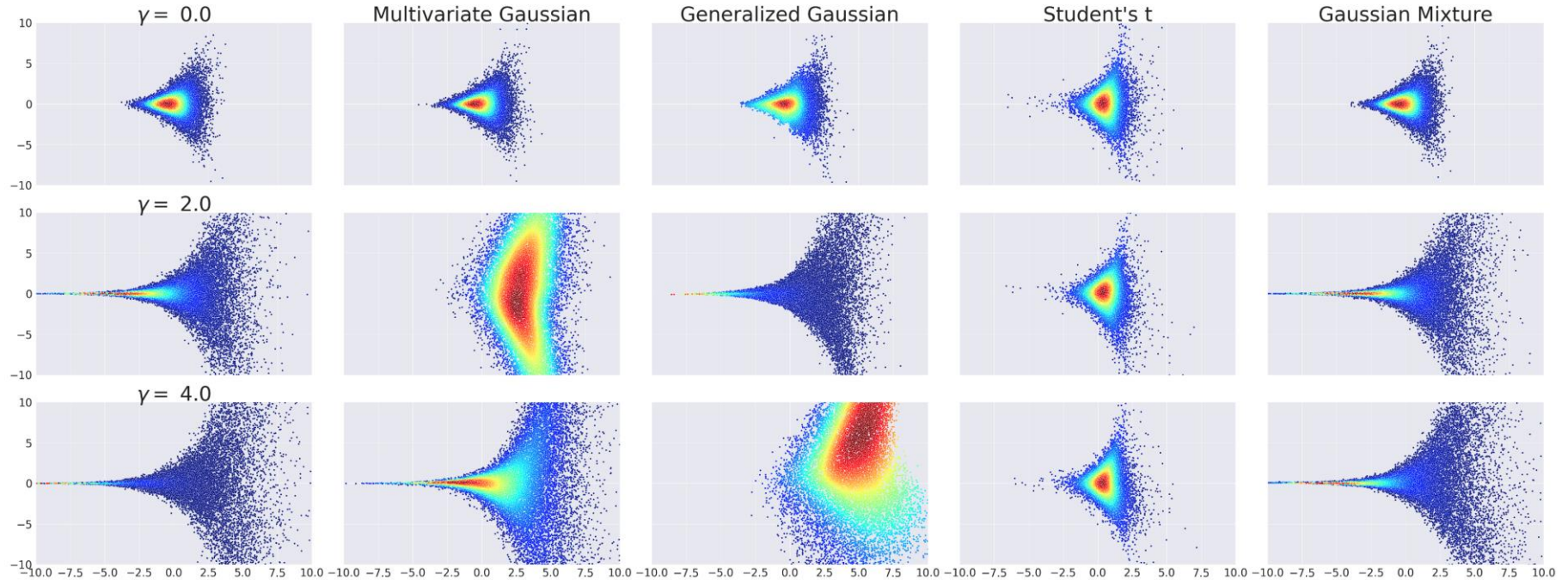
https://openreview.net/pdf?id=PbvyJ8XpNn (Saba Amiri)
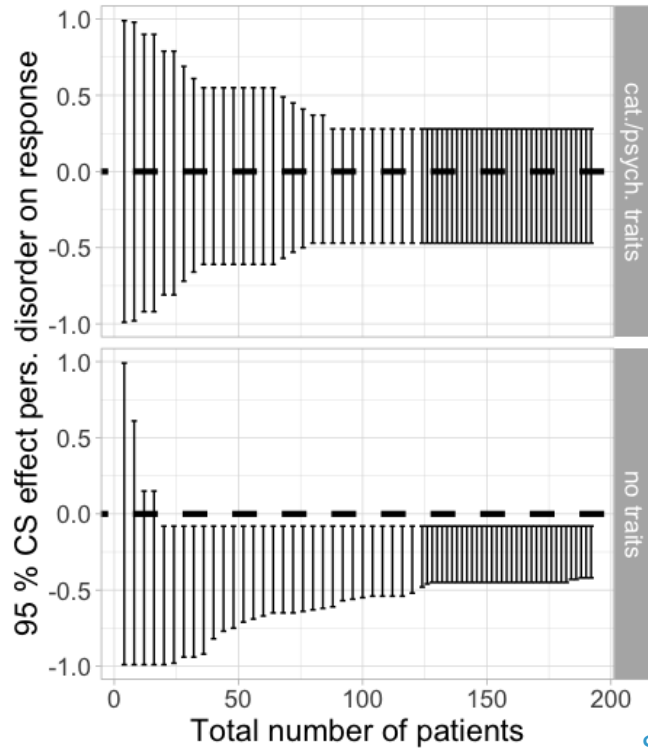
Performance with federated and synthetic data

Safe anytime-valid inference | Scholarly Publications (Rosanne Turner)
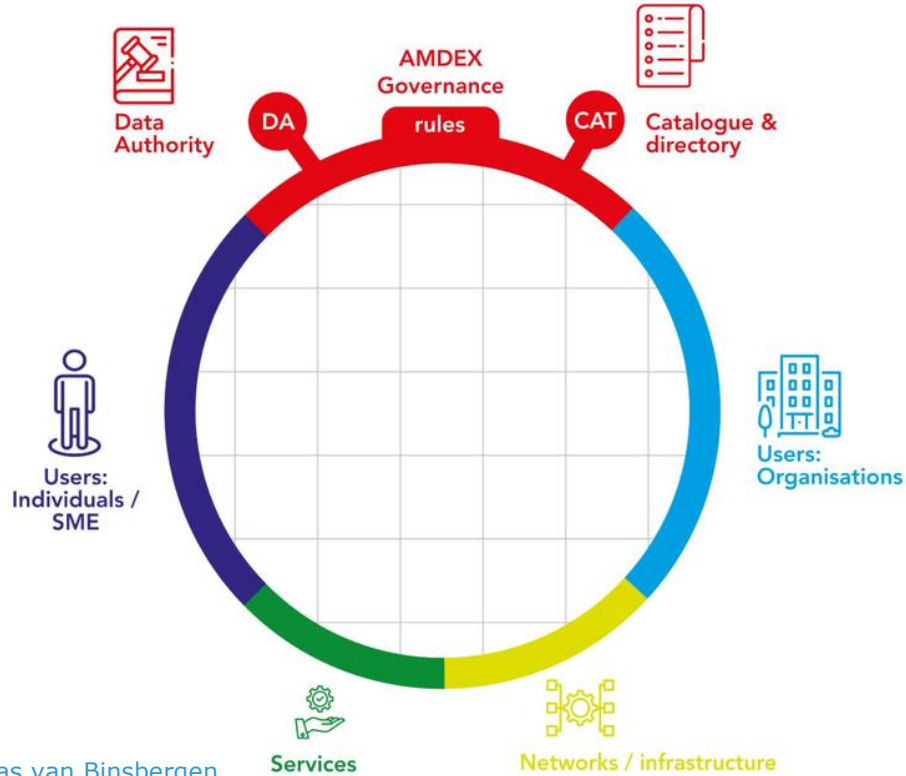
Agenda

The project (EPI)

Operationalizing (AMdEX)

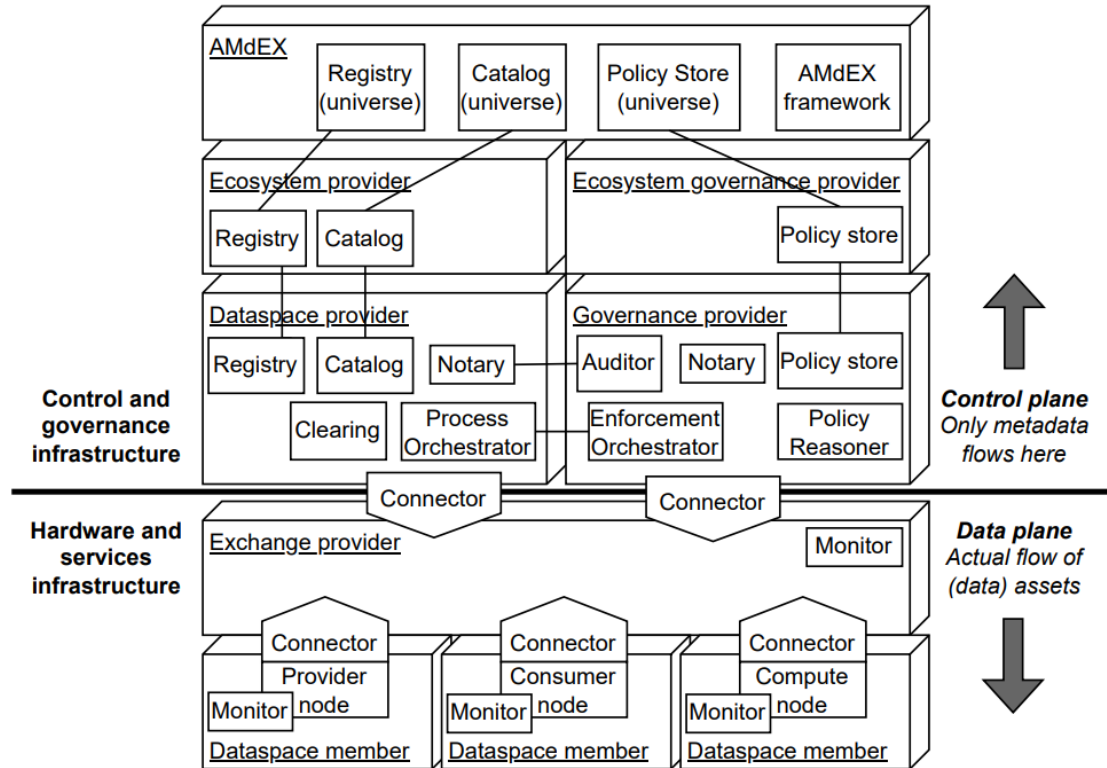How to start? (CoE–DSC / DSSC)

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Operationalizing Data Exchange Systems (AMdEX)

AMdEX Reference Architecture | Thomas van Binsbergen
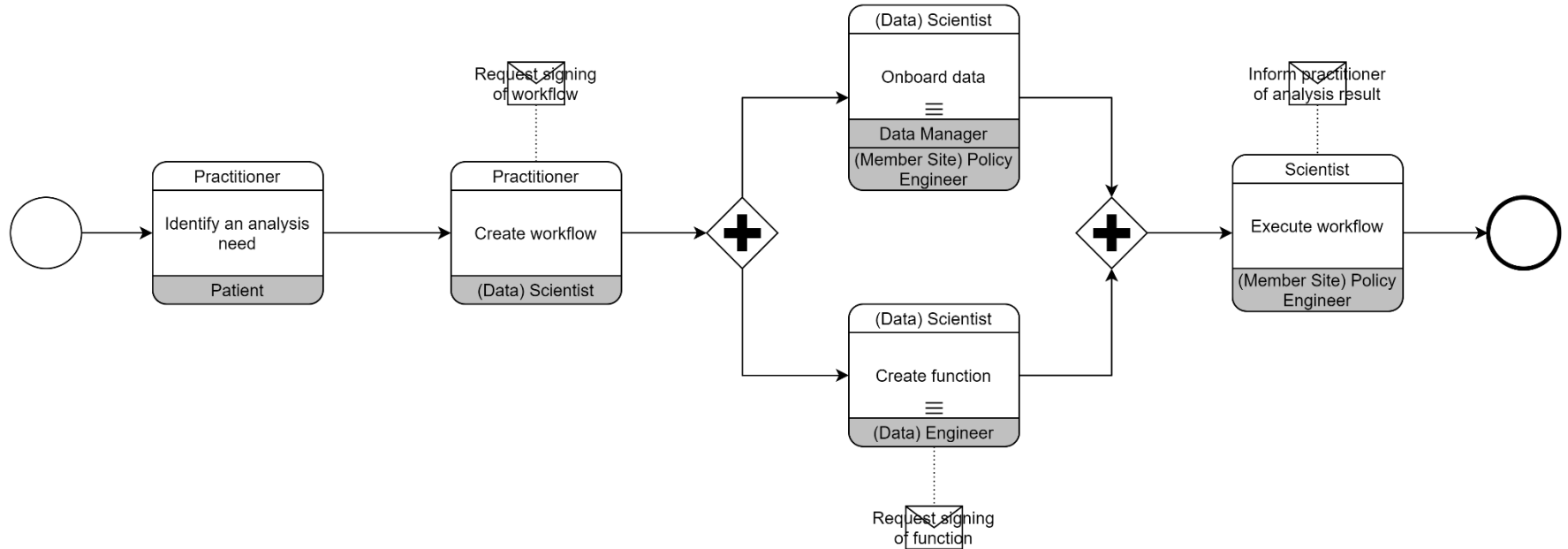
Component diagram for federated data exchange systems
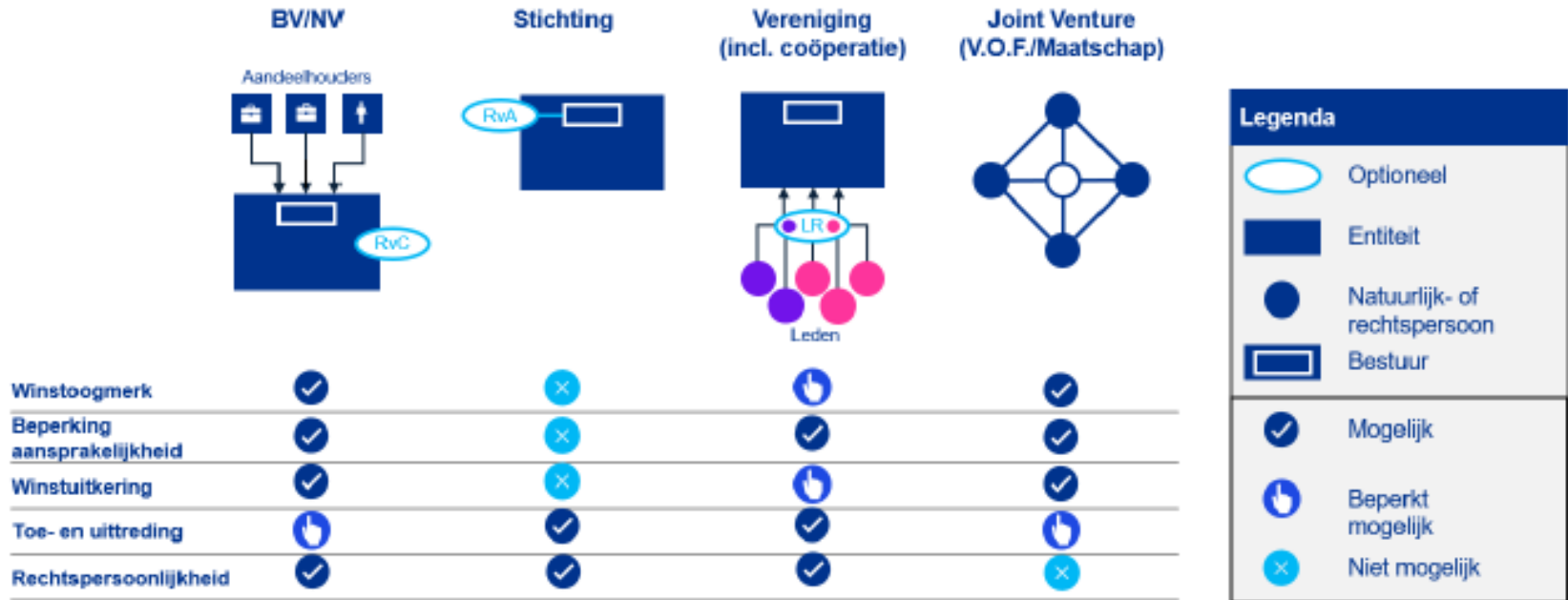
Architectural diagrams for Healthcare organizations
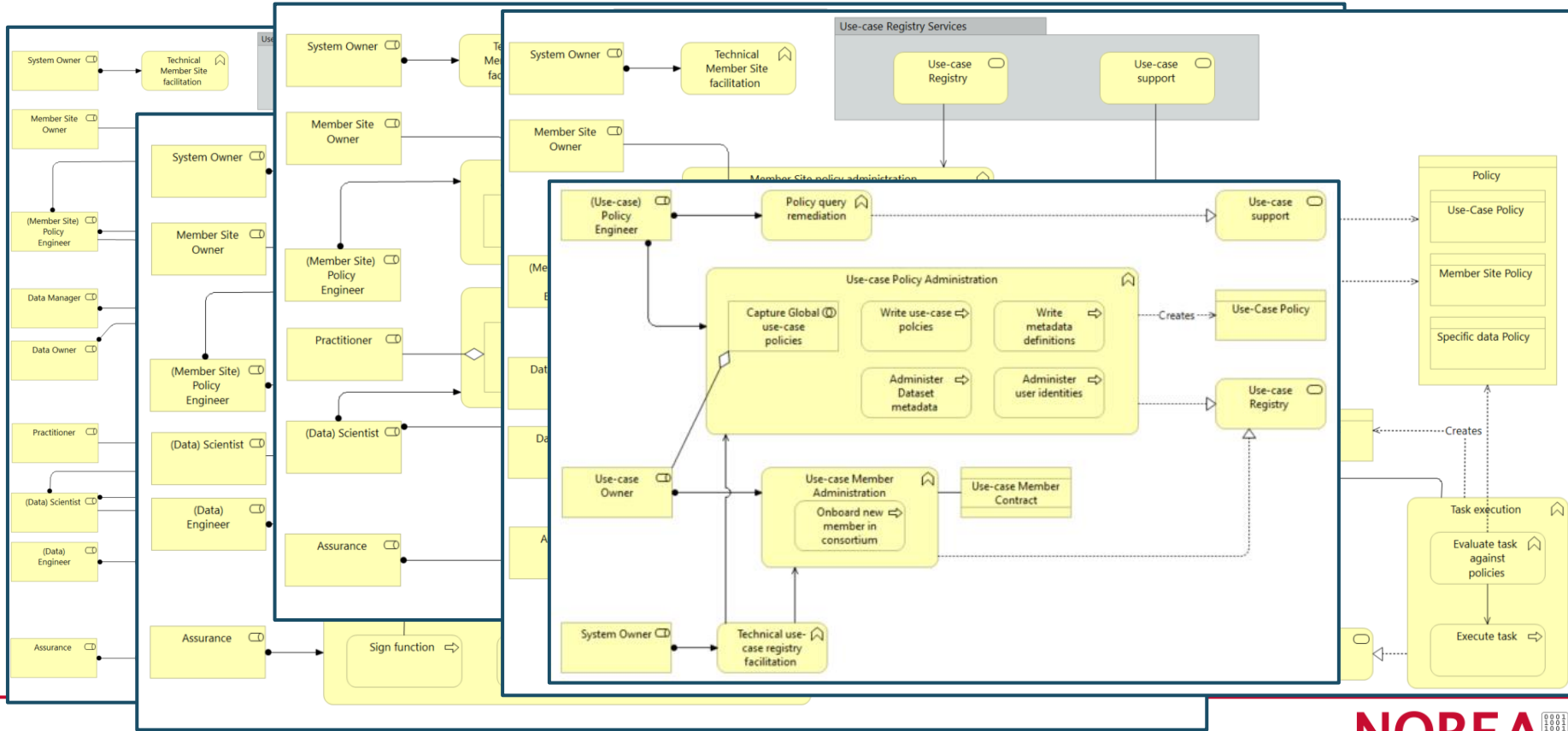
Target Operating Model proces specifications in Healthcare
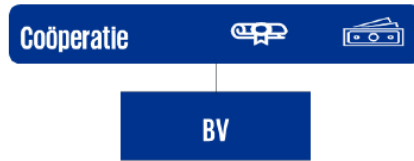
Financial structure – options

Figuur 1: Rechtspersonen en organisatievormen naar Nederlands recht

Financial Structure: profit for purpose

Figuur 2: organisatiestructuur BV-stichting

Figuur 4: organisatiestructuur BV-coöperatie
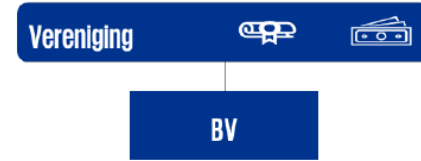
Figuur 3: organisatiestructuur BV-vereniging
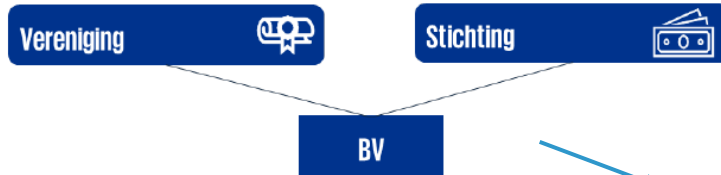
Figuur 5: organisatiestructuur geneutraliseerd kapitaal
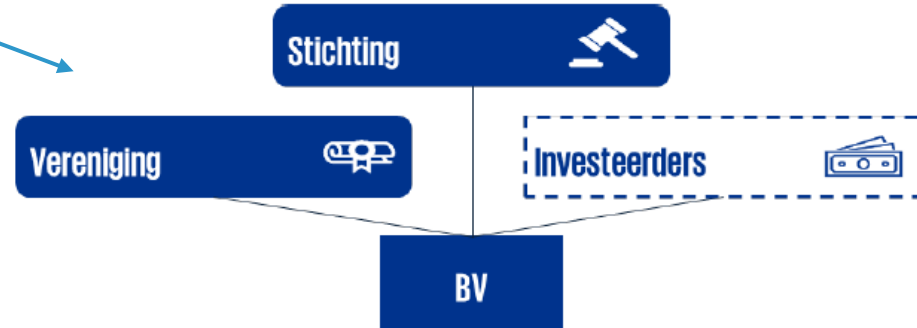
Figuur 6: organisatiestructuur gouden aandeel

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Business Model Canvas (Design Thinking)
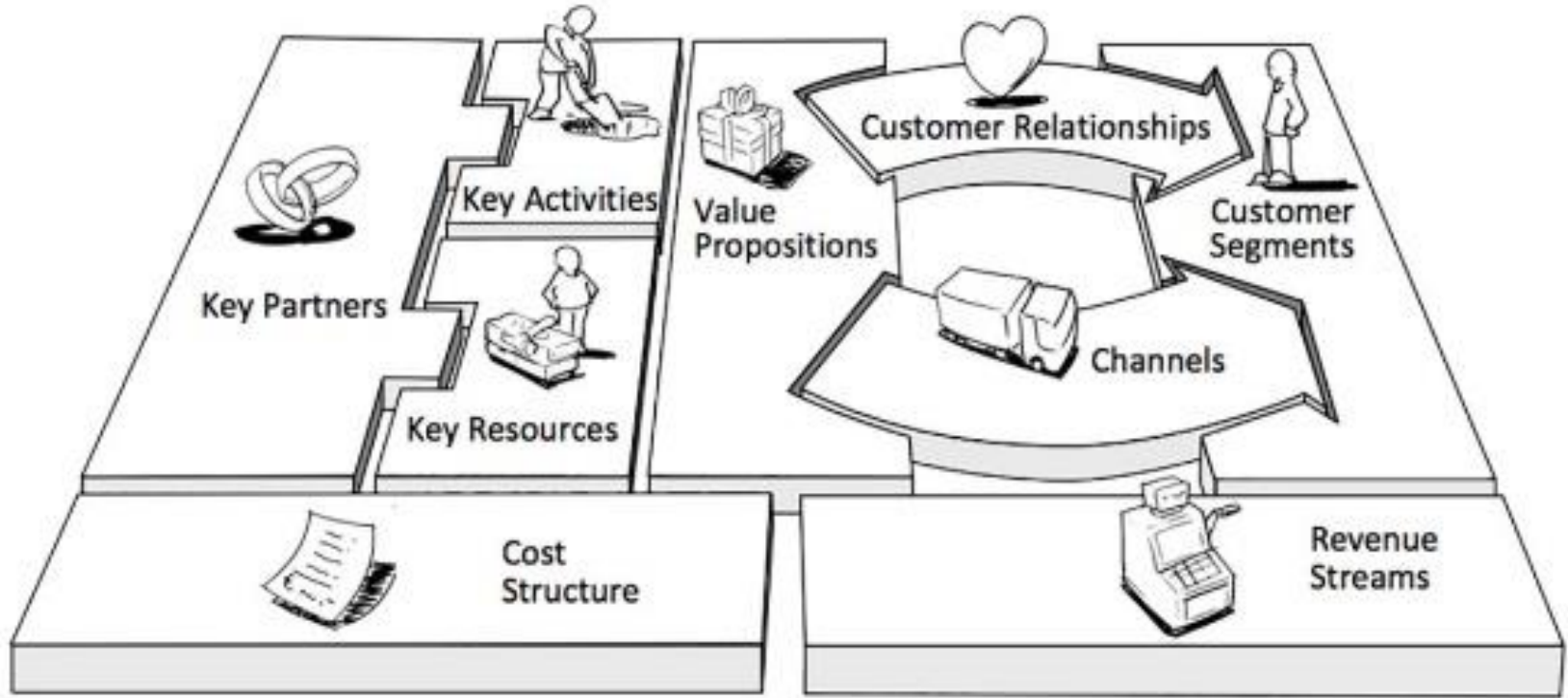
Design Thinking To Go: BMC and BCC (stanford.edu)

Data Sharing Canvas

Data Space Development Tools - Centre of Excellence for Data Sharing & Cloud (coe-dsc.nl)

Build consortia with different perspectives in mind

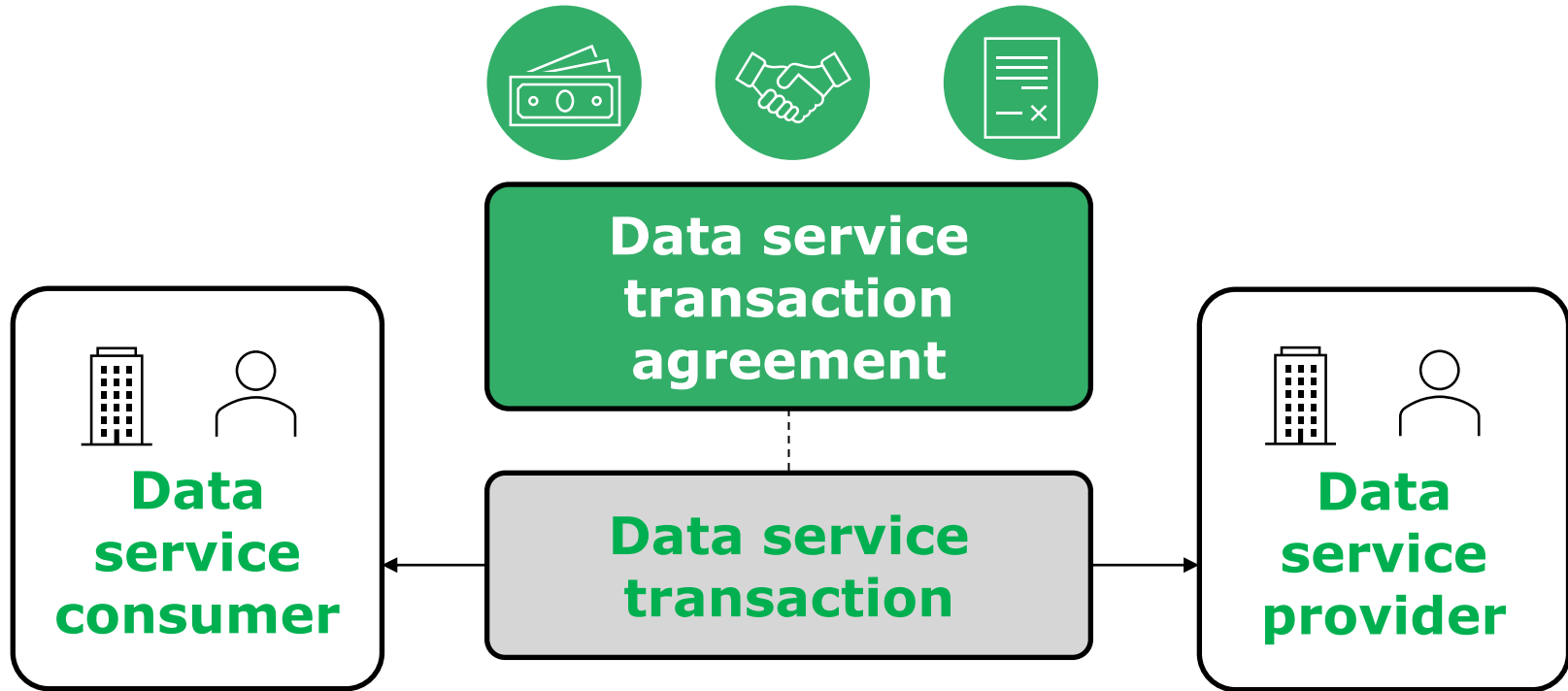| Business	Legal	Operational	Functional	Technical
What is the mission and vision of interchanging data? And what roles / structure is suitable?	*How do we want to govern actions related to or necessary for data sharing? And what regulations may apply?*	*E.g., where and when is confidentiality of data important, does that differ between different actors, and how is that managed?*	*Which processes and (data) flows need to be in place to share data with the right parties at the right time?*	*E.g., how does information flow through the proposed interaction model? How are data and actors discovered?*

Phases with different (levels of) stakeholders

Phase 1
Explore
Identify the benefit of sharing data in this use case and which actors need to be involved.

Phase 2
Functional design on high-level
Design the high-level agreements and processes that need to be in place to establish trust

Phase 3
Functional design in more detail
Design the detailed agreements and processes that need to be in place to establish trust

Phase 4
Technical design
Design technical agreements and processes needed to realize data sharing in this use case

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Conclusions

- The internet democratized connectivity
  The world wide web democratized information
  Data Spaces are needed to democratize AI

- Showing the benefits of Data Spaces is relatively straight forward
  Operationalizing them is not straight forward (yet)

- A lot of resources are now being dedicated to Data Spaces in Europe
  The Netherlands is front runner in several aspects, e.g. in compliance

- Several initiatives exist to assist you when you are interested in Data Spaces
  AMdEX, CoE–DSC, DSSC, etc.

- My KPMG and UvA groups are involved in most of these initiatives
  So you can also call us

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Bedankt

Voor meer informatie kun je contact opnemen met:

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