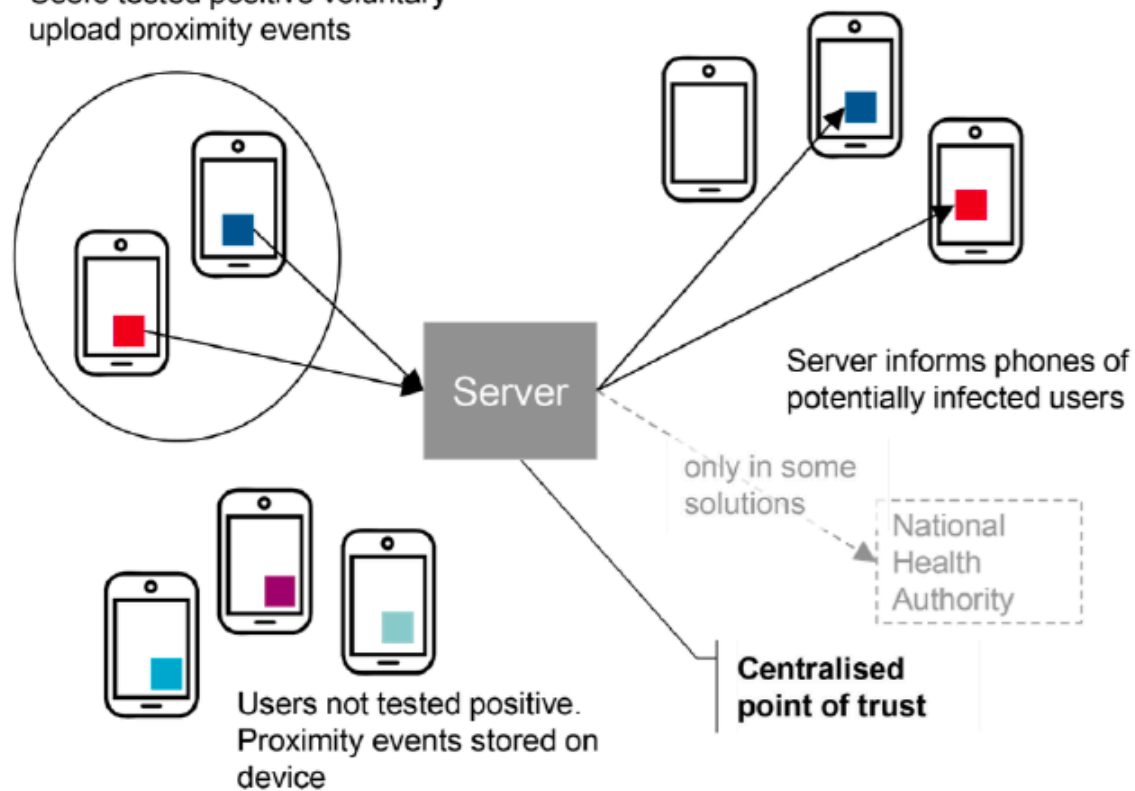


trust

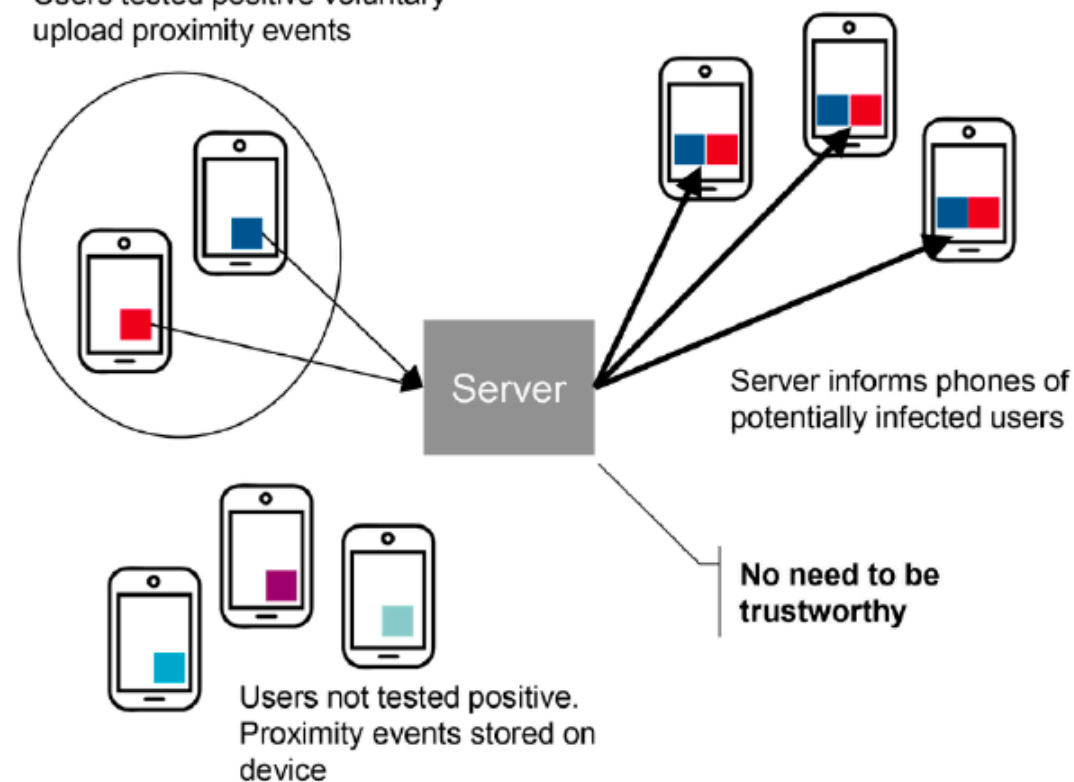
~~data~~ is the new oil

Users tested positive voluntary
upload proximity events



CENTRALISED

Users tested positive voluntary
upload proximity events



DECENTRALISED

foresight



A second “data wave” :

- Lead the world in ethical AI (but Europe can't do it alone)
- Rebalance competition, data and value creation/distribution in B2C
- Compete in “AI for Good”, mostly through B2B and “embedded AI” solutions
- Specialise in G2C solutions by harnessing digital government

foresight

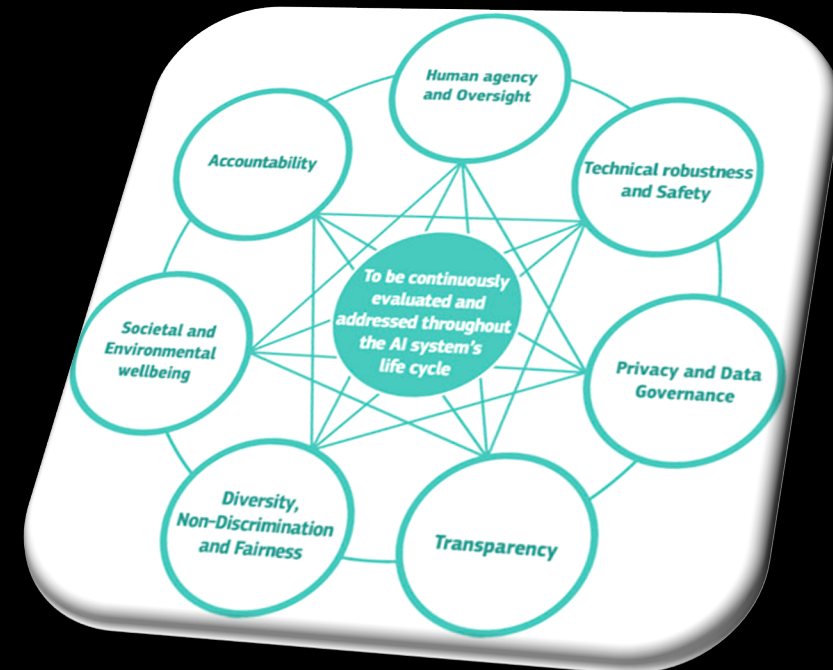
principles

Respect for human autonomy

Prevention of harm

Fairness

Explicability



foresight

principles

outcomes



foresight

principles

outcomes

risk-based



foresight

principles

outcomes

risk-based

agility



foresight

principles

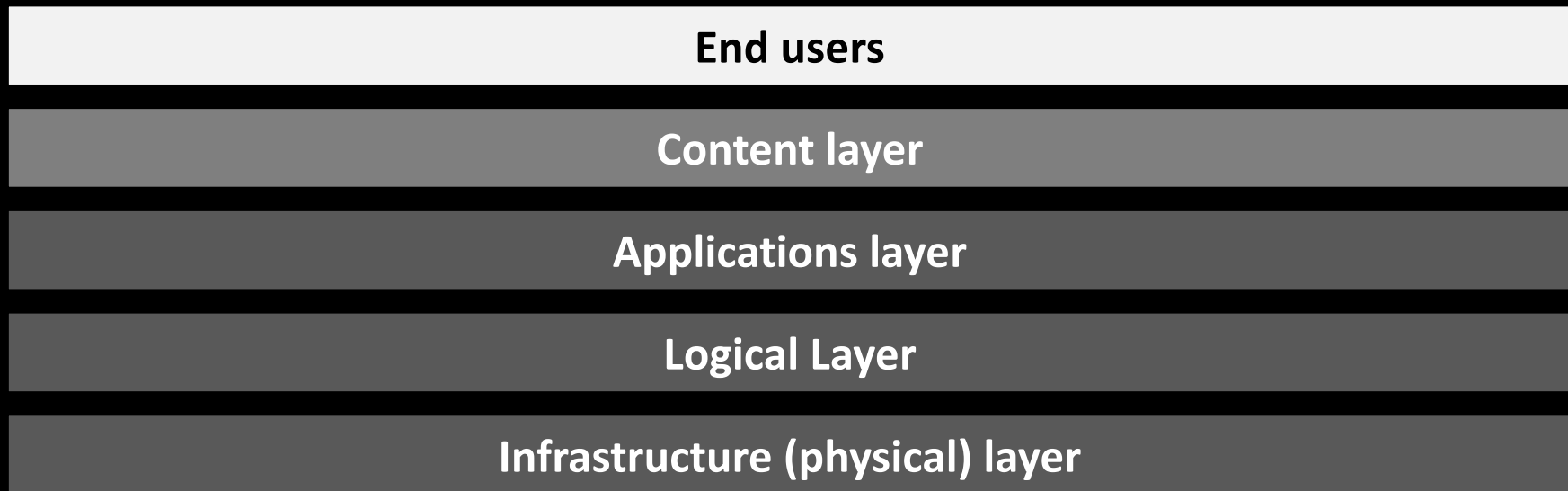
outcomes

risk-based

agility

shared values





End users

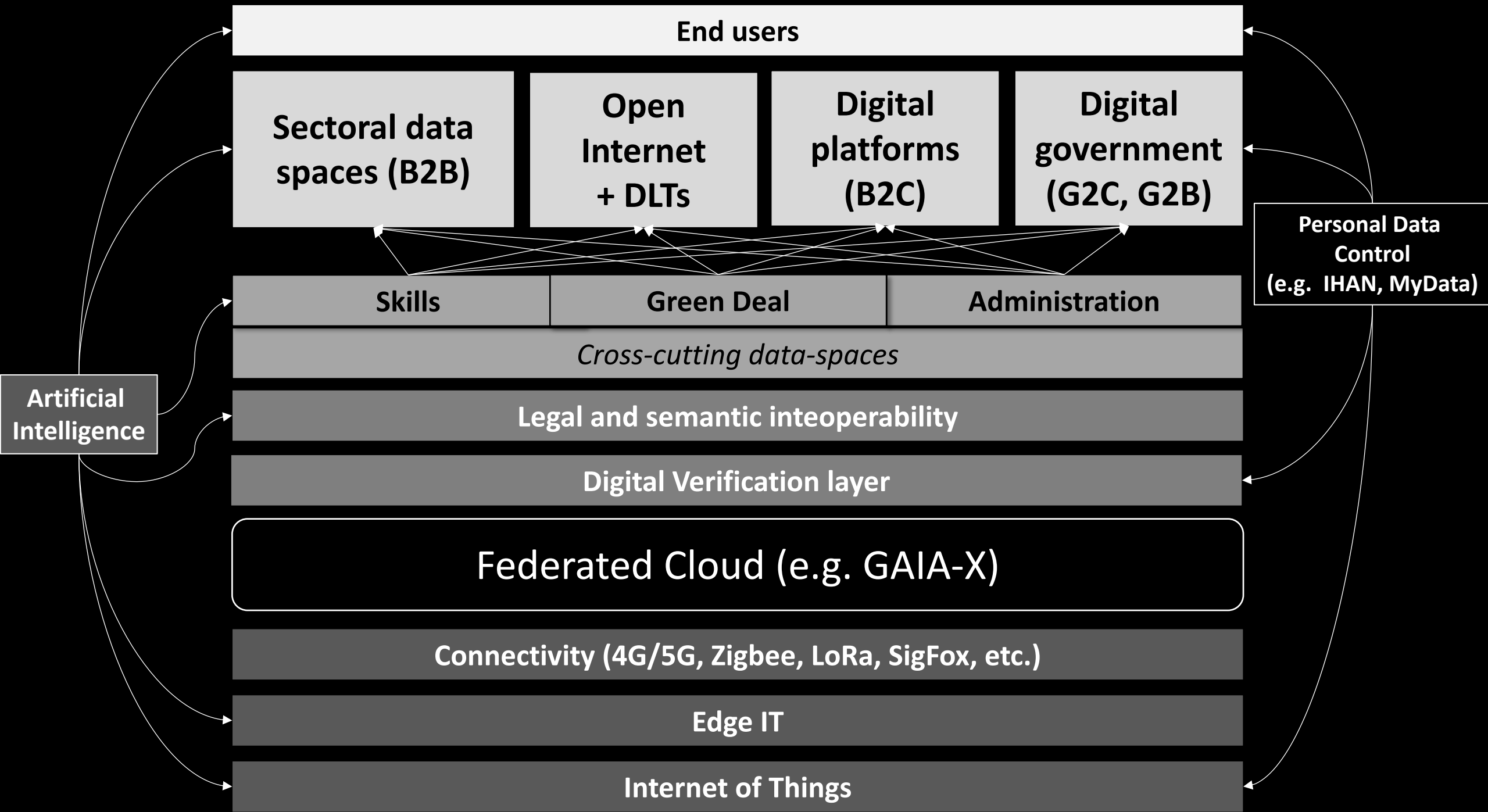
Content layer

Applications layer

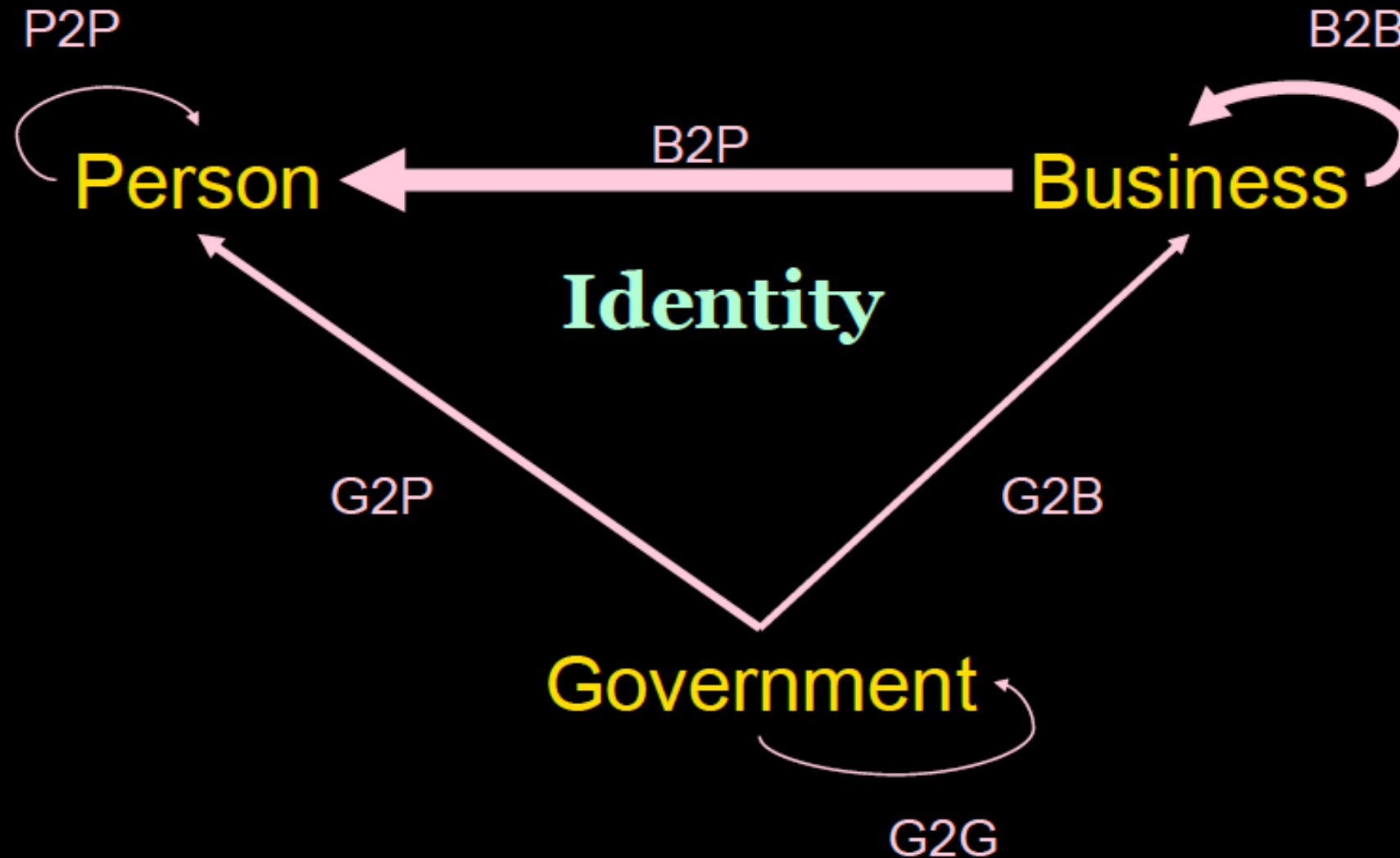
Open Internet + Cloud-based platforms

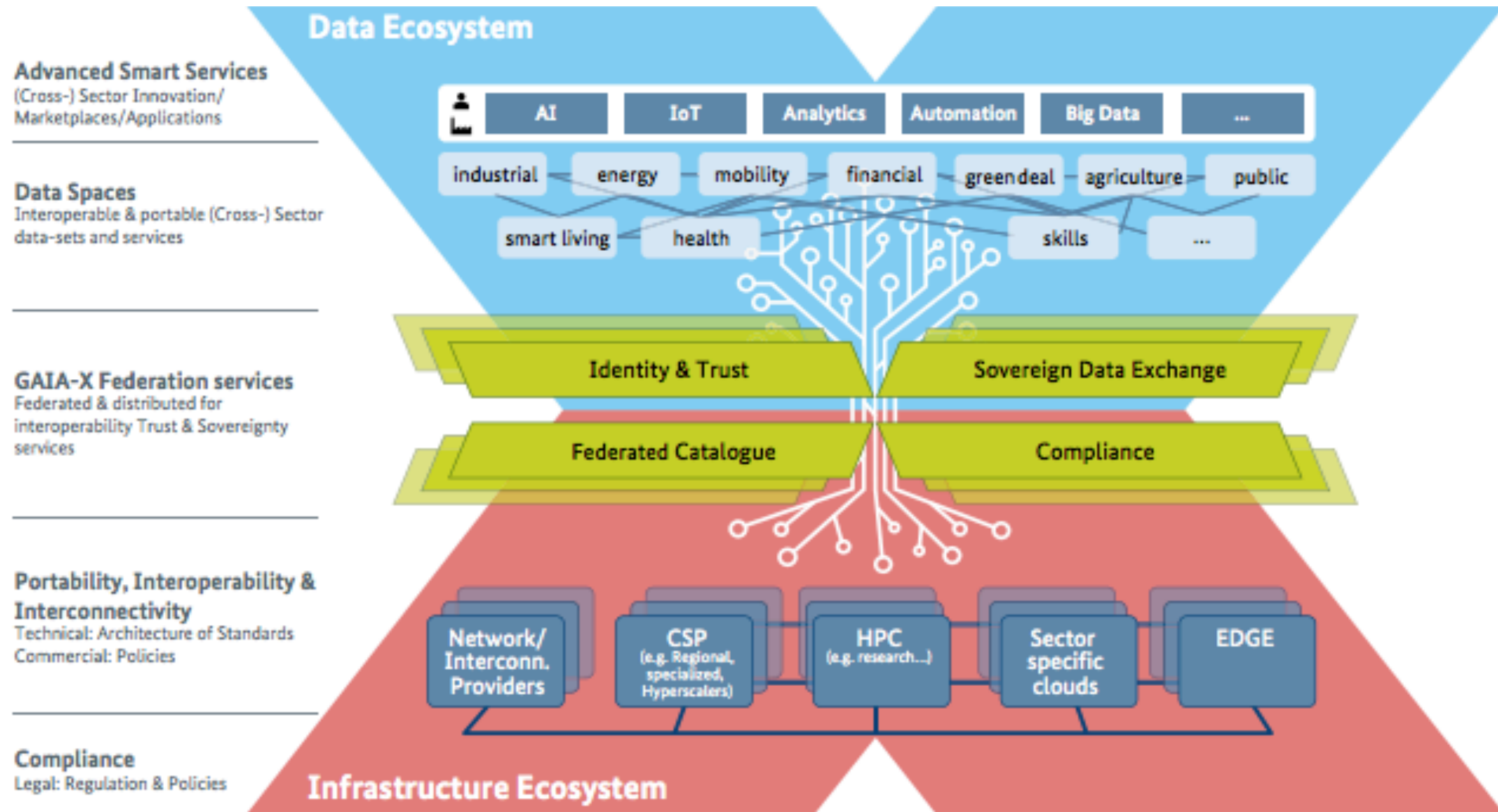
Logical Layer

Infrastructure (physical) layer

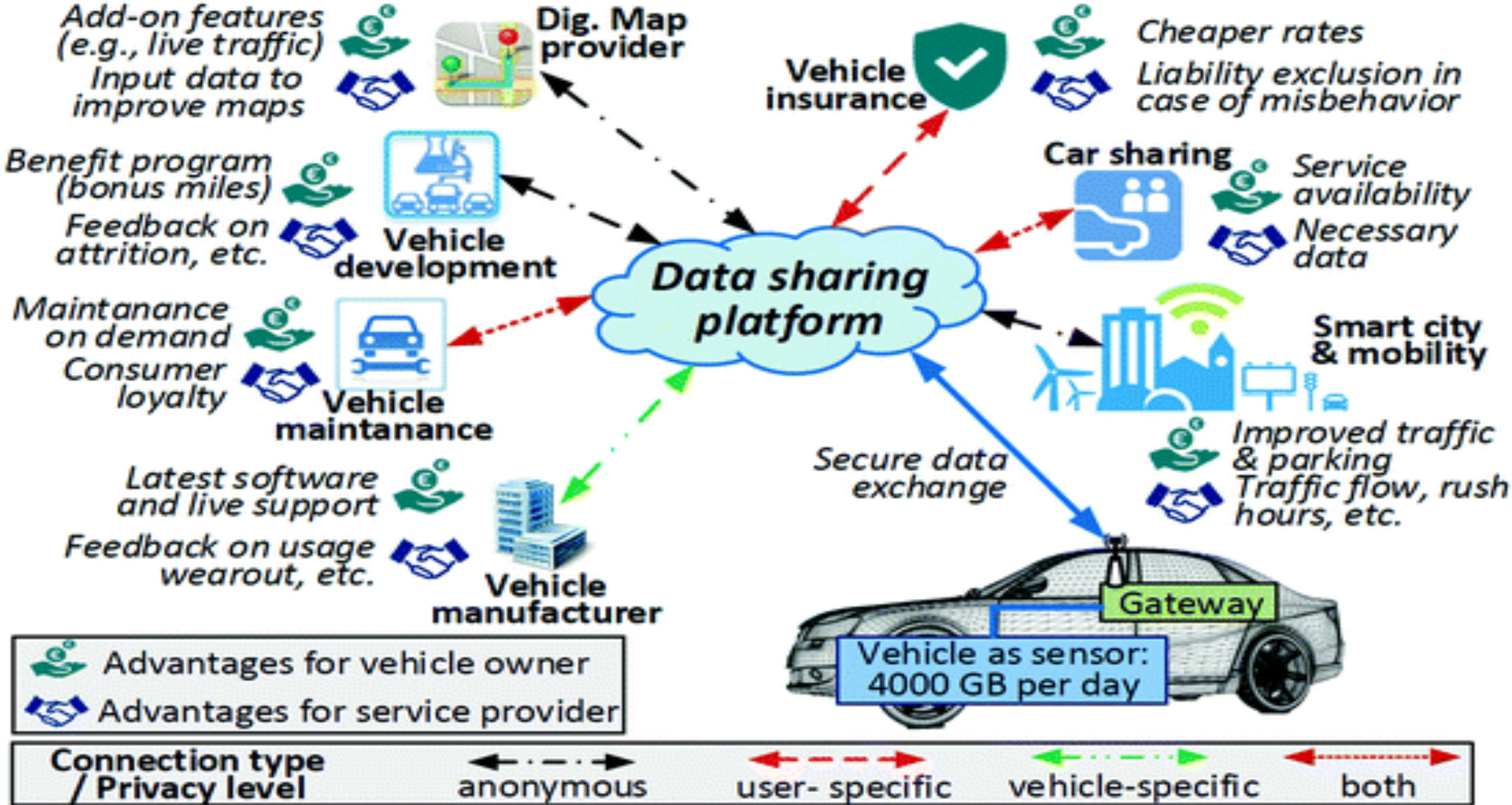


Data economy **entities**, **services** and **foundation**







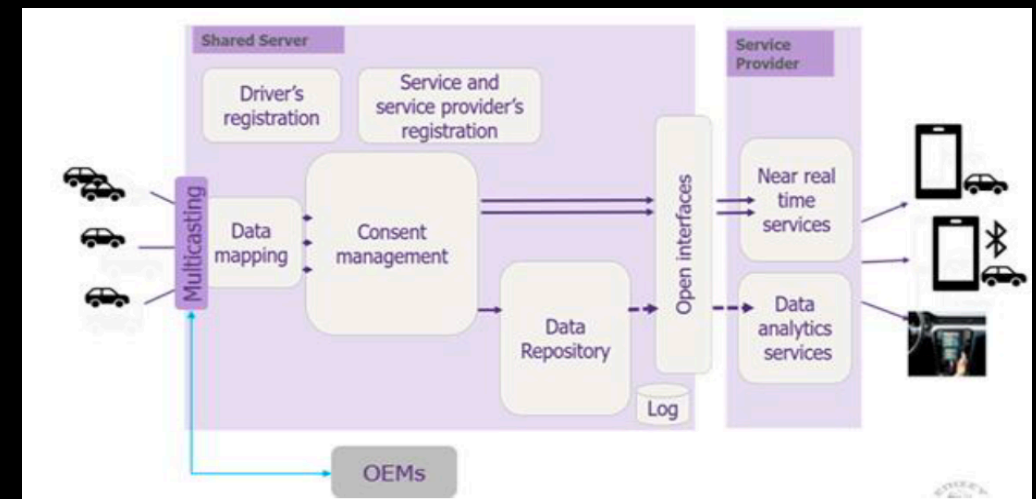
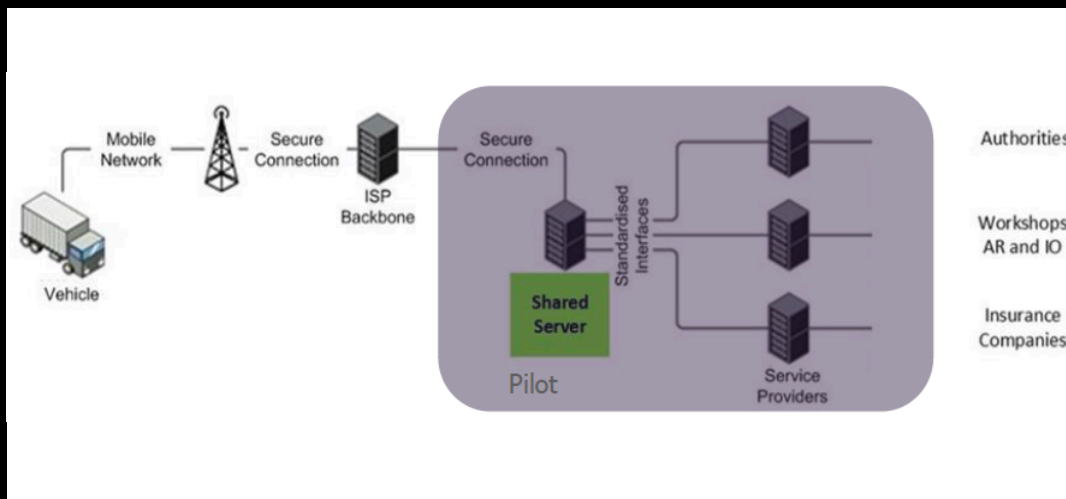


The proposed data governance act

- **Data sharing providers: risky business?**
 - Compulsory notification of data-sharing services to competent national authorities
 - No possibility to re-use the data processed + structural separation of the data-sharing activity
 - Obligations of fairness, impartiality, secure storage and handling, compliance with competition rules, etc.
- **A tiny piece in a much more complex puzzle?**

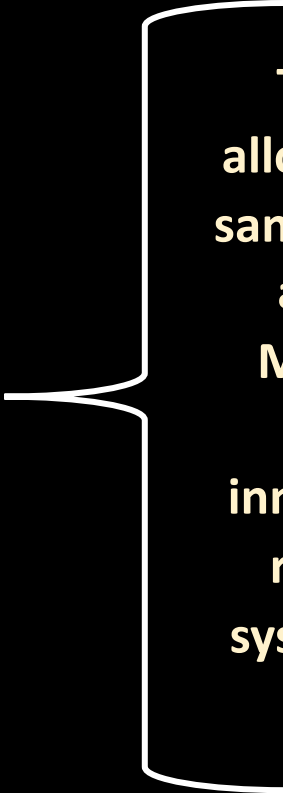
What's missing?

- Data “ownership” principles Data Act?
- B2B sharing obligations and their GDPR compatibility Data Act + DMA?
- Multi-level, “within-space” and “between-space” governance ???
- RegTech solutions to enable ongoing monitoring ???

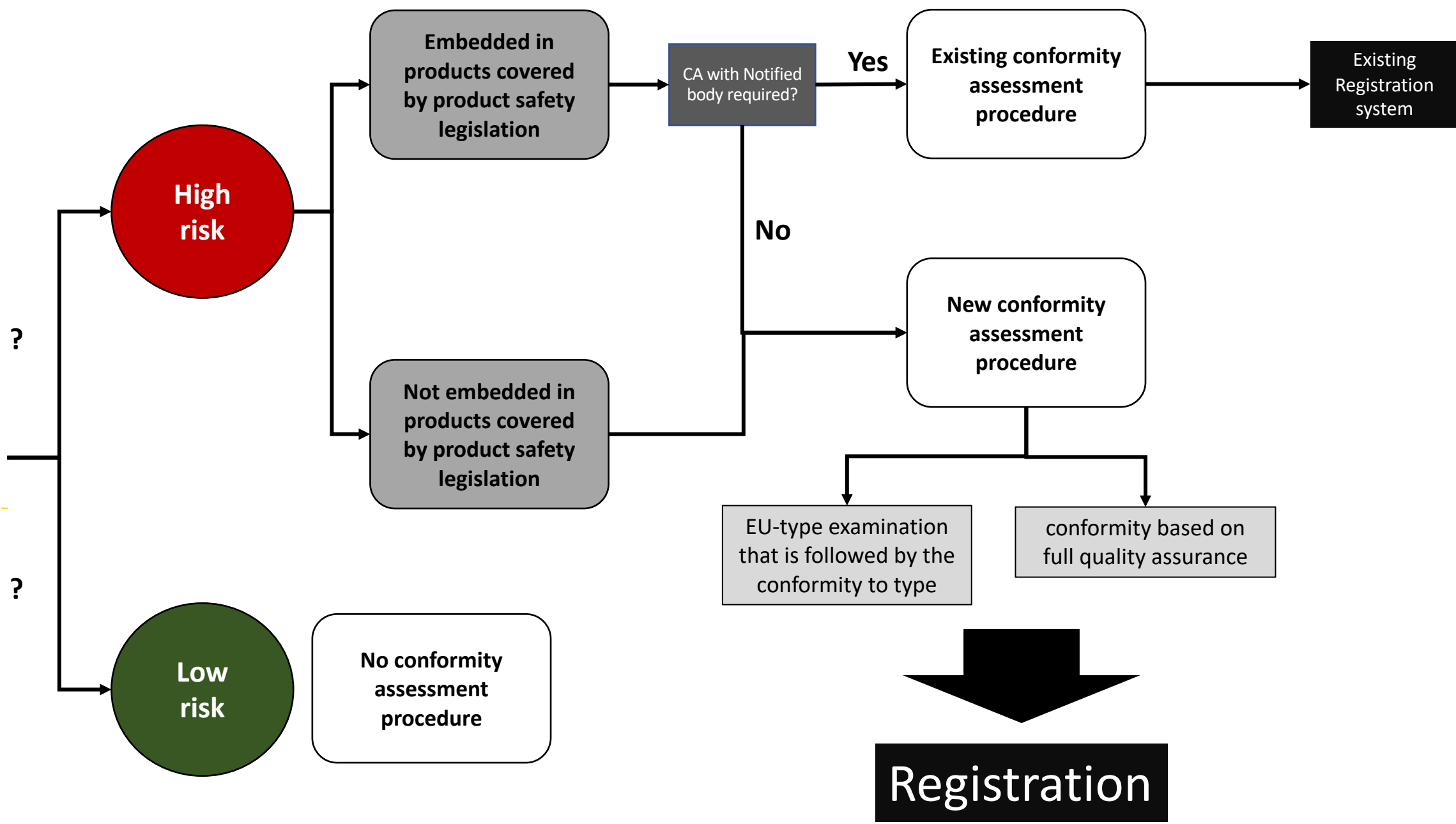


Example: AI regulation

- **Problems:**
 - AI in the lab is not AI in real life
 - Learning-based AI evolves over time
- **Remedies:**
 - Risk assessment?
 - Conformity assessment?
 - Liability?
 - Algorithmic Impact Assessment?
 - SupTech?



The proposed regulation may allow the creation of AI regulatory sandboxing schemes by competent authorities from one or more Member States to facilitate the development and testing of innovative AI systems under strict regulatory oversight before AI systems are placed on the market or otherwise used.



Key areas in developing trust in AI

- Ex ante, ex post, continual monitoring
- Sector-specific v. horizontal policy frameworks
- Risk classification
- Regulatory remedies and algorithmic auditing
- Capacity and skills in regulatory authorities
- Agile governance
- Experimentation

"Two things fill the mind with ever
new and increasing admiration and awe,
the more often and steadily we reflect
upon them

the starry heavens above
me and the moral law within me"

Immanuel Kant
Critique of Practical Reason, 1788



Ceci n'est pas une pipe.

