

# Data-sharing and the Single Market 2.0

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**End users**

**Content layer**

**Applications layer**

**Logical Layer**

**Infrastructure (physical) layer**

**End users**

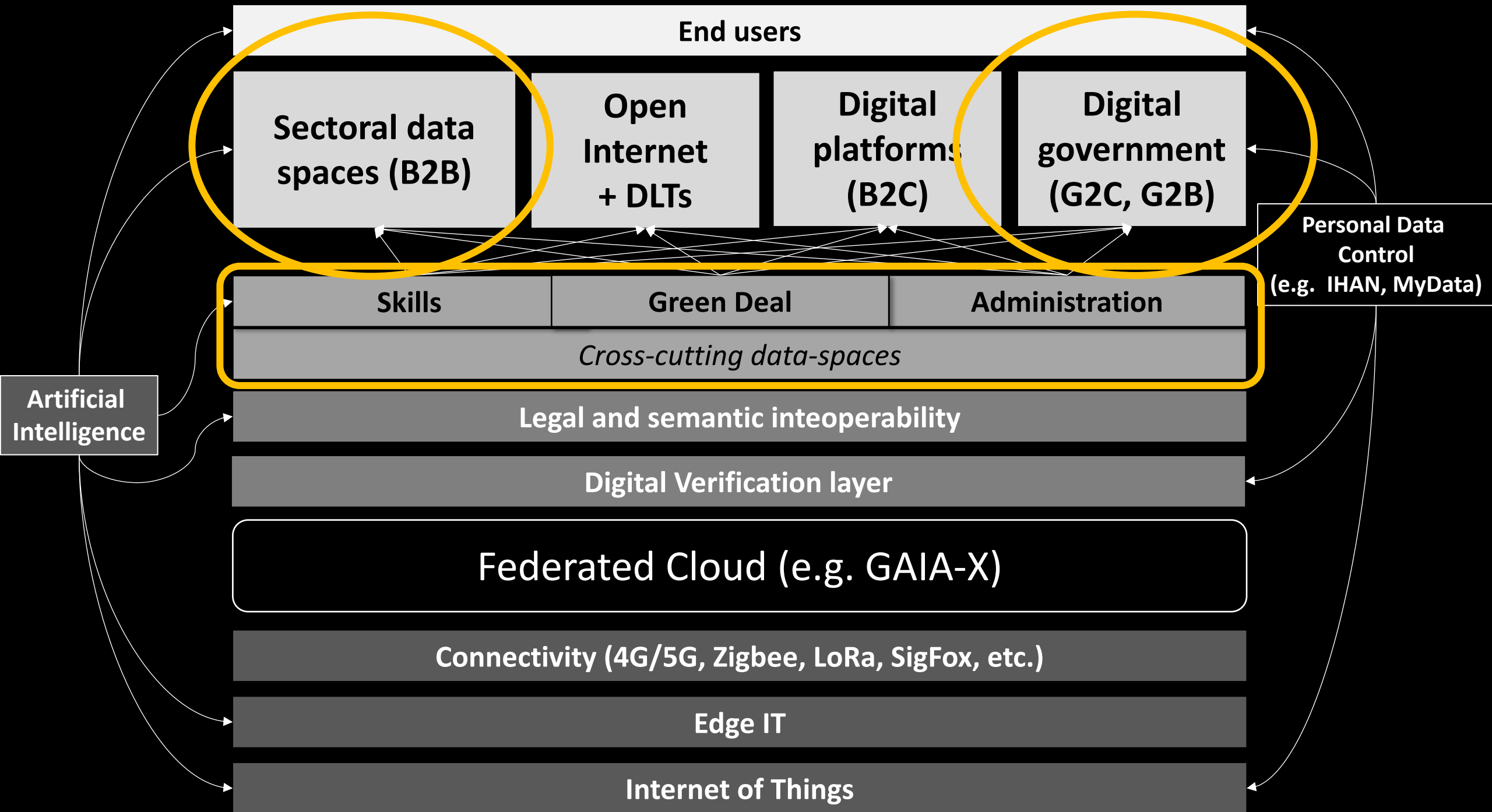
**Content layer**

**Applications layer**

**Open Internet + Cloud-based platforms**

**Logical Layer**

**Infrastructure (physical) layer**



## Data Ecosystem

**Advanced Smart Services**  
(Cross-) Sector Innovation/  
Marketplaces/Applications

### Data Spaces

Interoperable & portable (Cross-) Sector  
data-sets and services

### GAIA-X Federation services

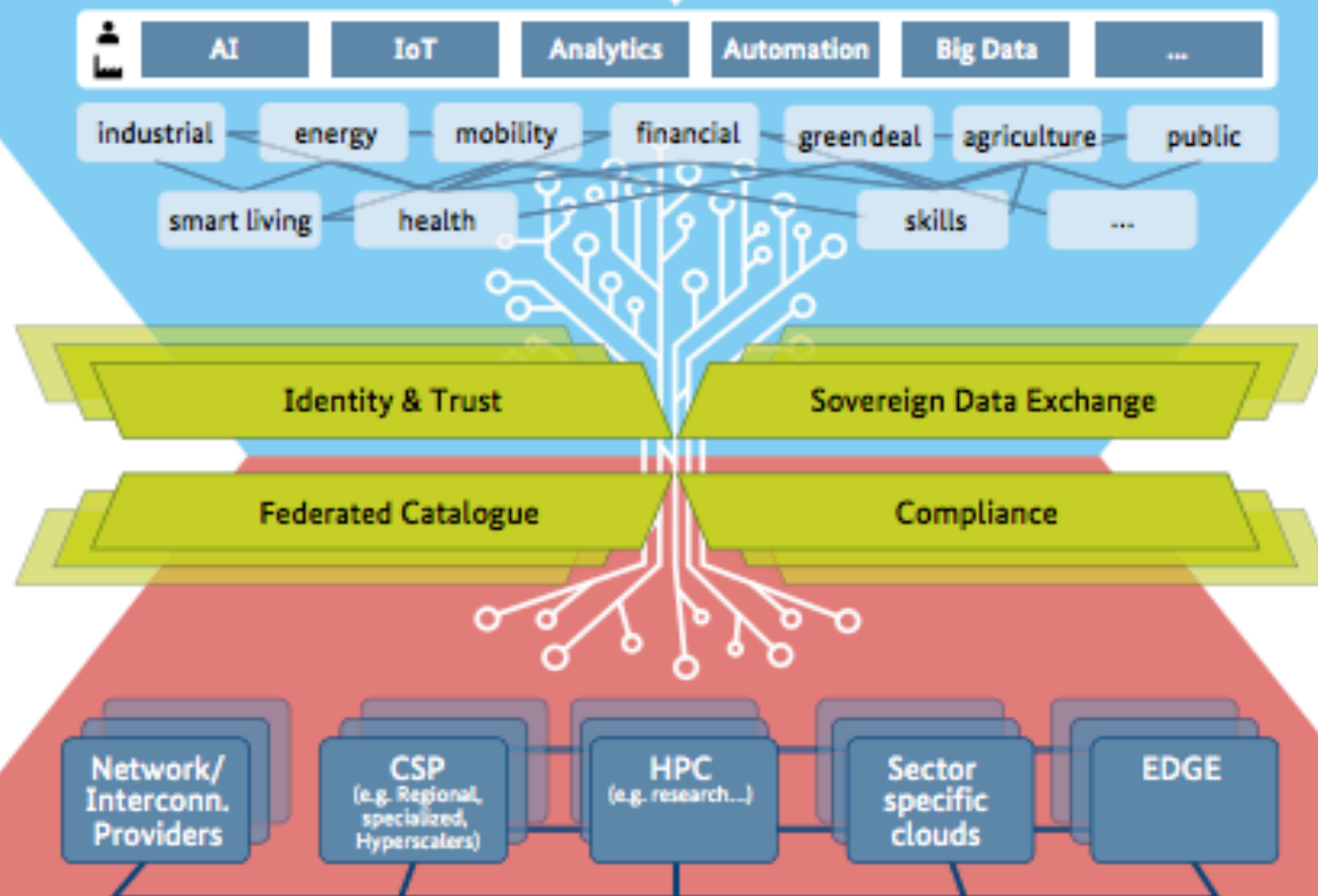
Federated & distributed for  
interoperability Trust & Sovereignty  
services

### Portability, Interoperability & Interconnectivity

Technical: Architecture of Standards  
Commercial: Policies

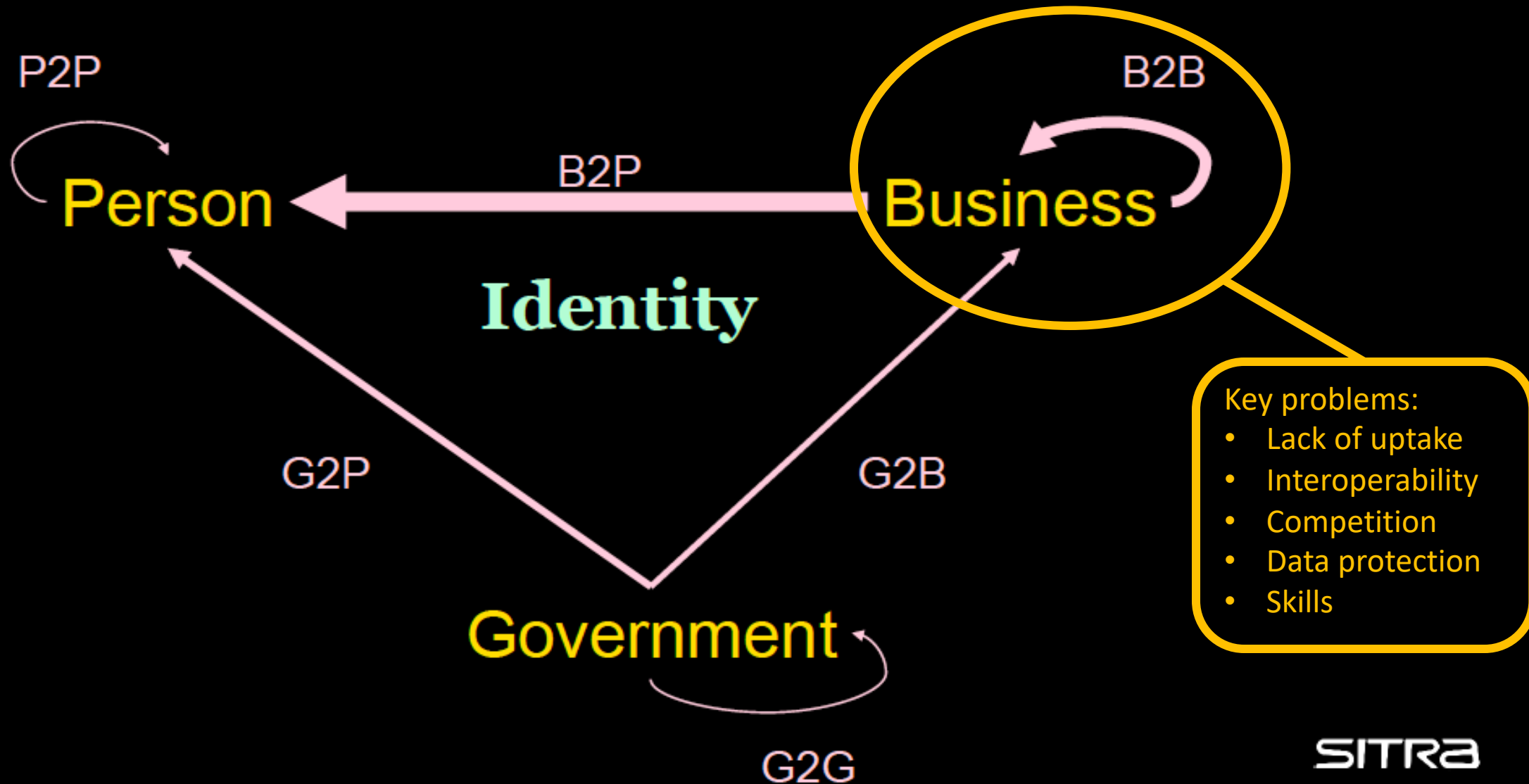
### Compliance

Legal: Regulation & Policies



## Infrastructure Ecosystem

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

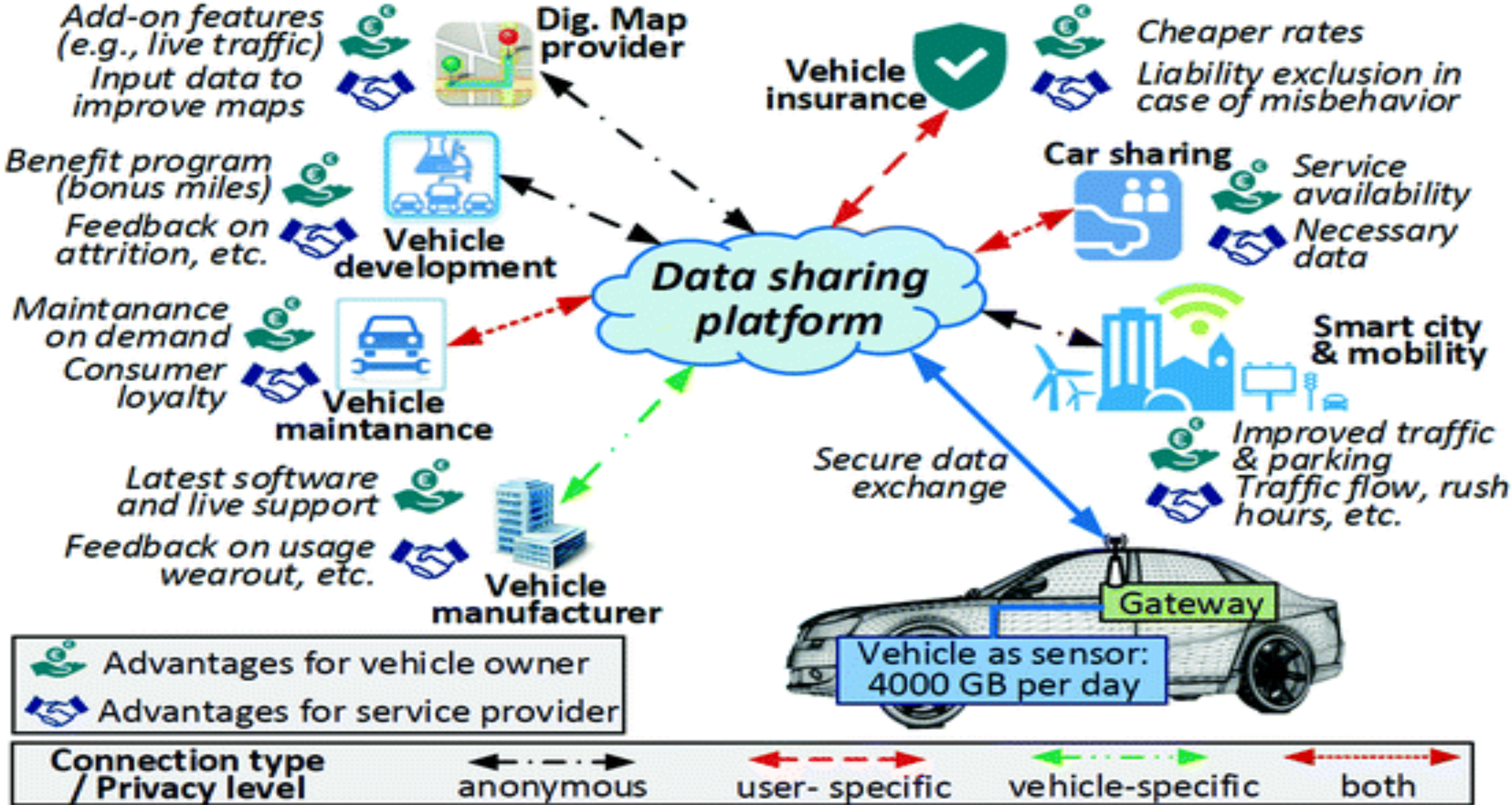


# Why promote B2B (managed) data sharing?

- Optimal service delivery and market functioning (e.g. traffic, health)
- Enable big-data applications (e.g. ML in healthcare)
- Third-party access to information for value-added services
- A stronger bargaining power when dealing with tech giants
- Better coordination with federated cloud services
- From “open” to “managed” and trustworthy data
- Opportunity for level-playing field (especially for SMEs)





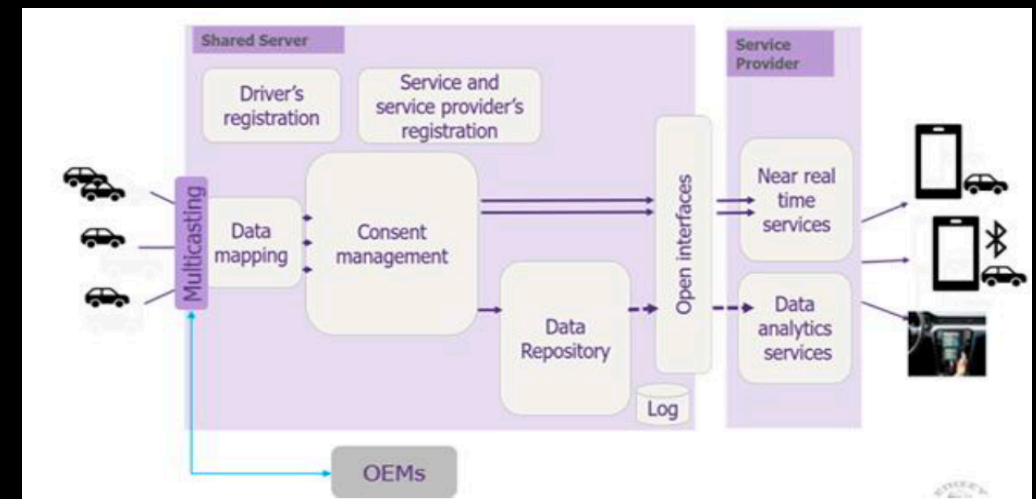
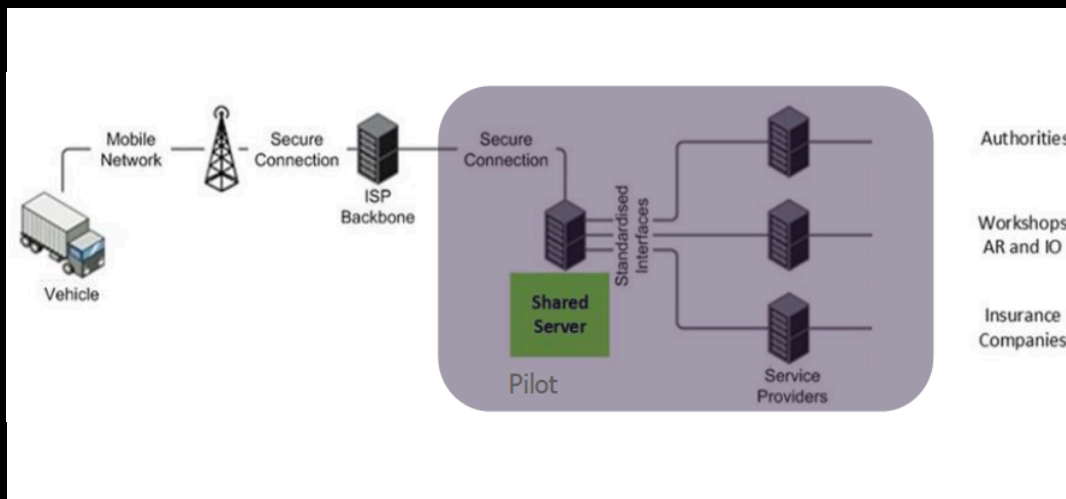


# The proposed data governance act

- **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 ???



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