

athumi

The Flemish Data Utility Company

From data sharing to
data collaboration.

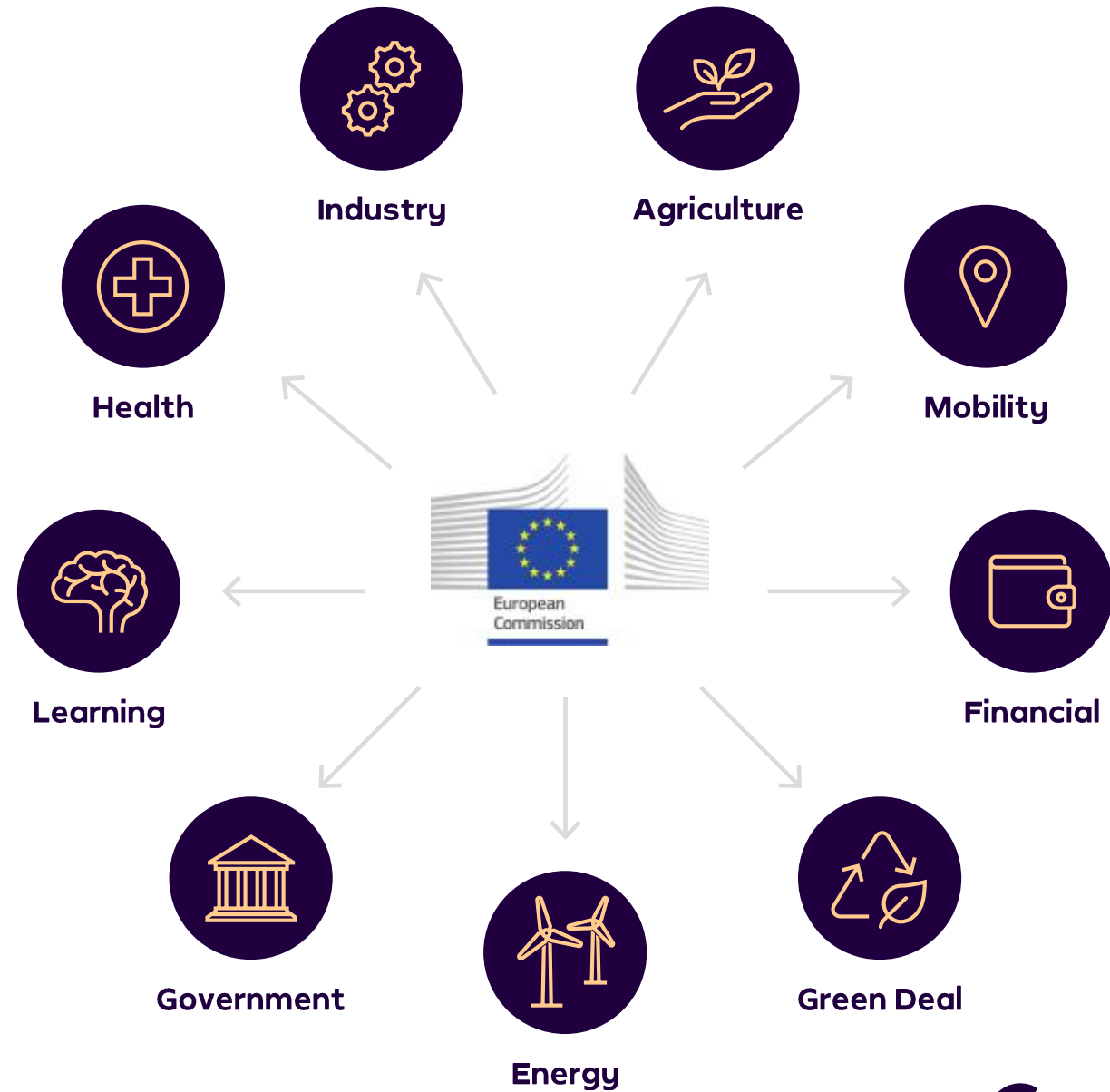
**Data protection in smart cities – Focus on
mobility**

March 1st | Brussels

RAF BUYLE, PhD

Innovation lead

There will be an European single market for data



Utilities



Data utilities



Bottlenecks



Technological
cost



Lack of
standardisation



Lack of trust

Challenges or opportunities in handling Personal Data

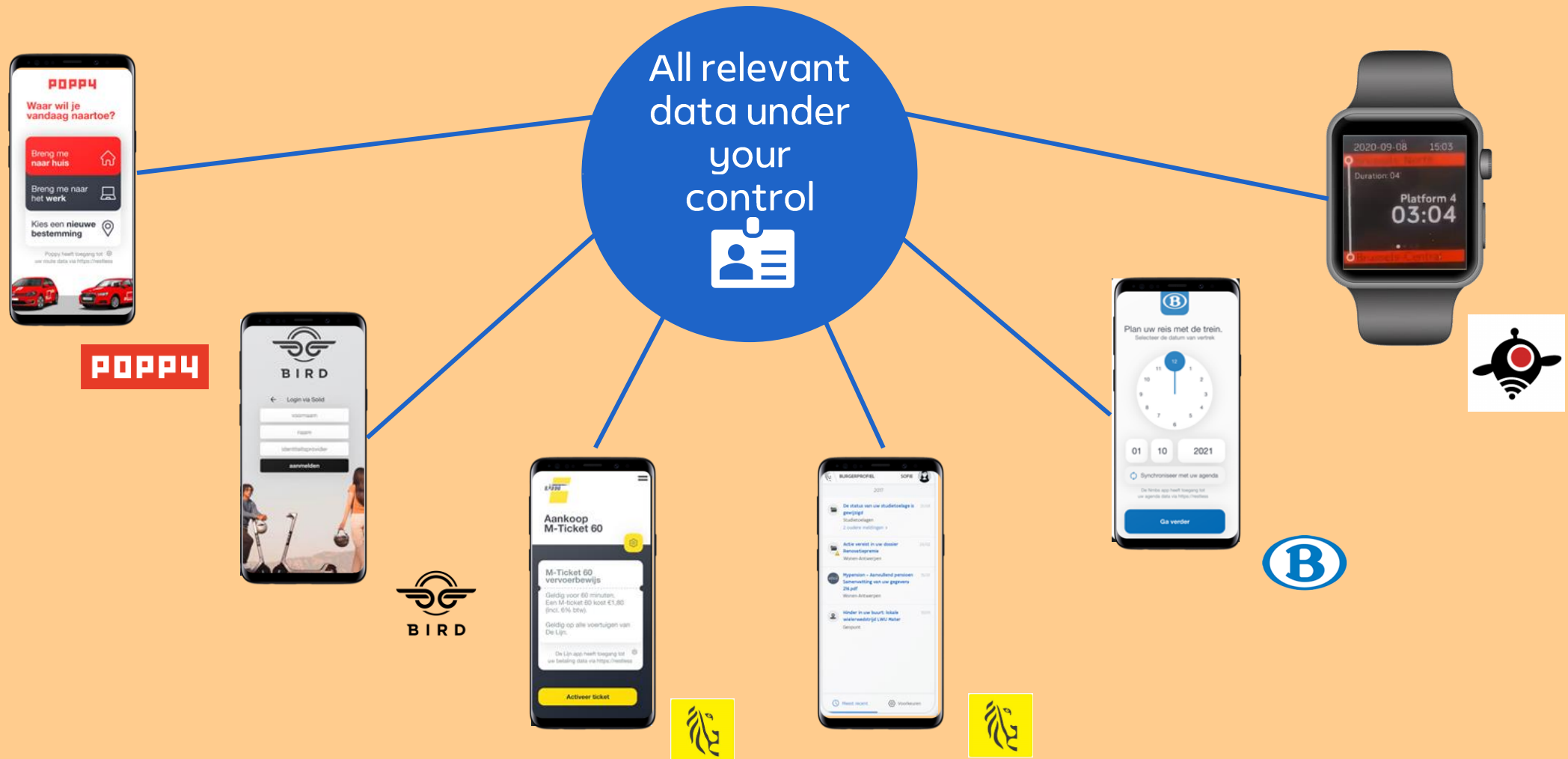
- Cost
- Liability
- GDPR
- Security

“User data and validation can go up to 10€/user.”

skipr



Challenges or opportunities in handling Personal Data



7/10

citizens
don't trust
companies
with their data

Source:
SolidLab Digimeter





Silicon Valley

中华人民共和国第十三届全国人民代表大会第二次会议

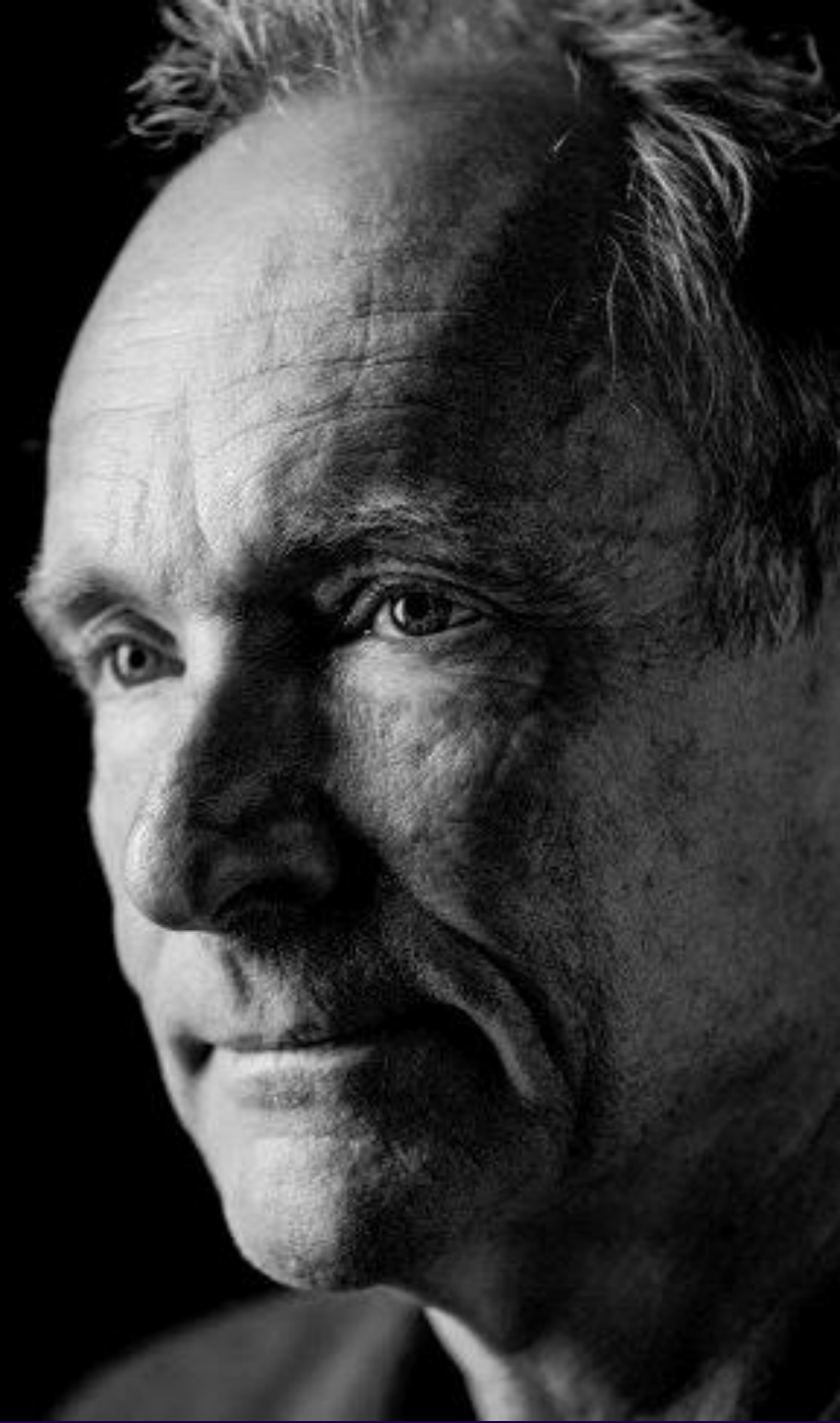




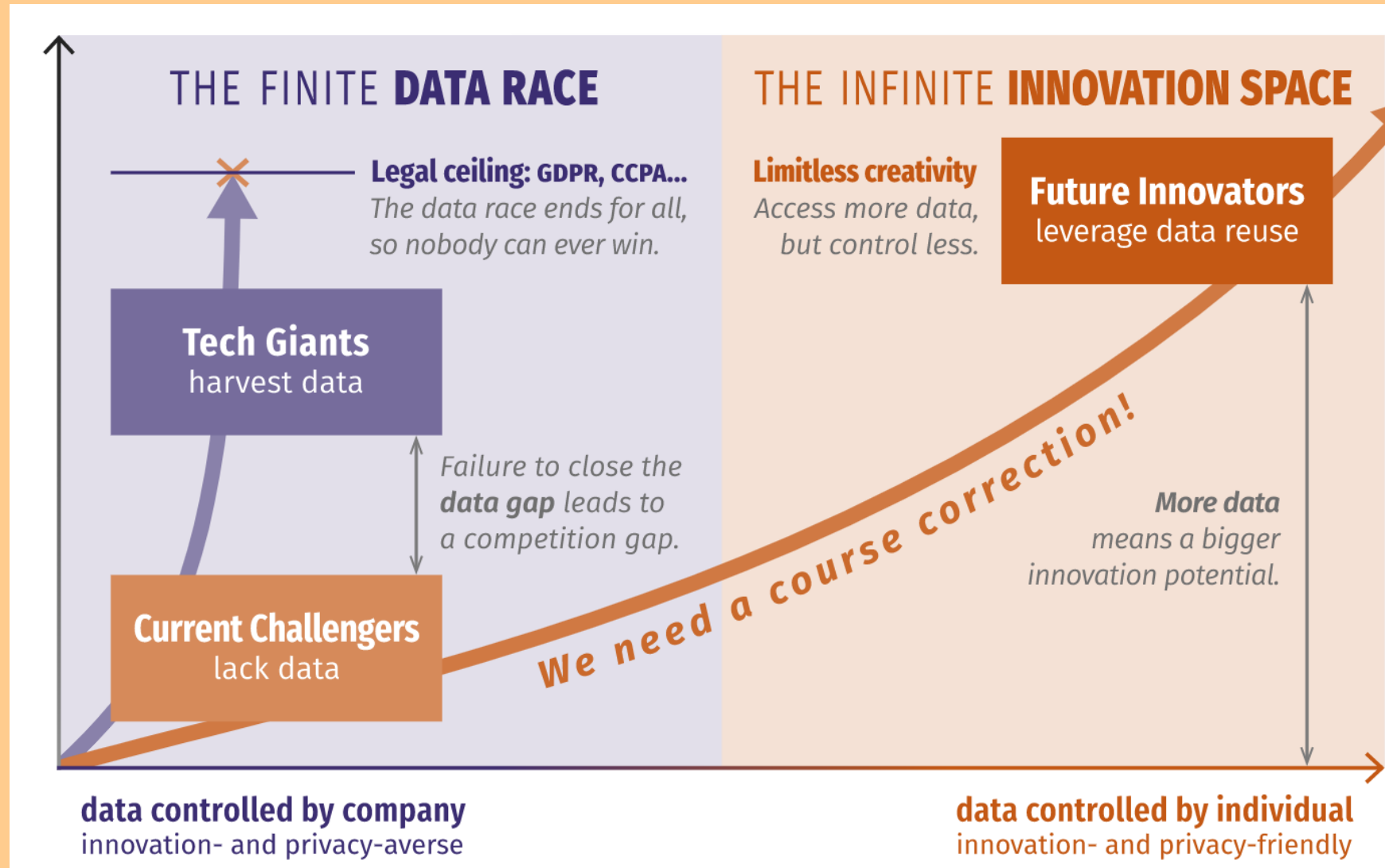


“Solid lets people
regain control
over their data .”

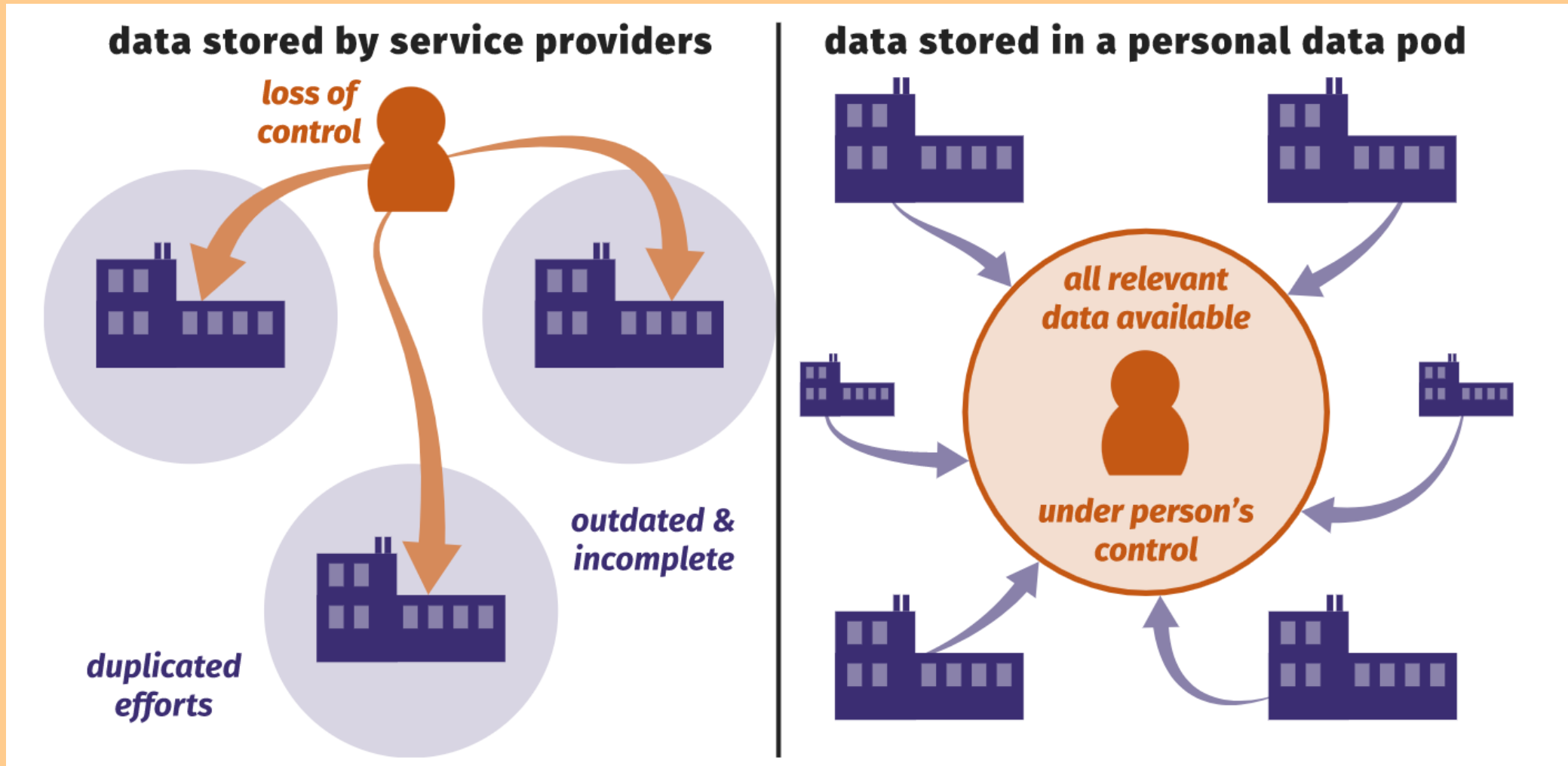
Sir Tim Berners-Lee



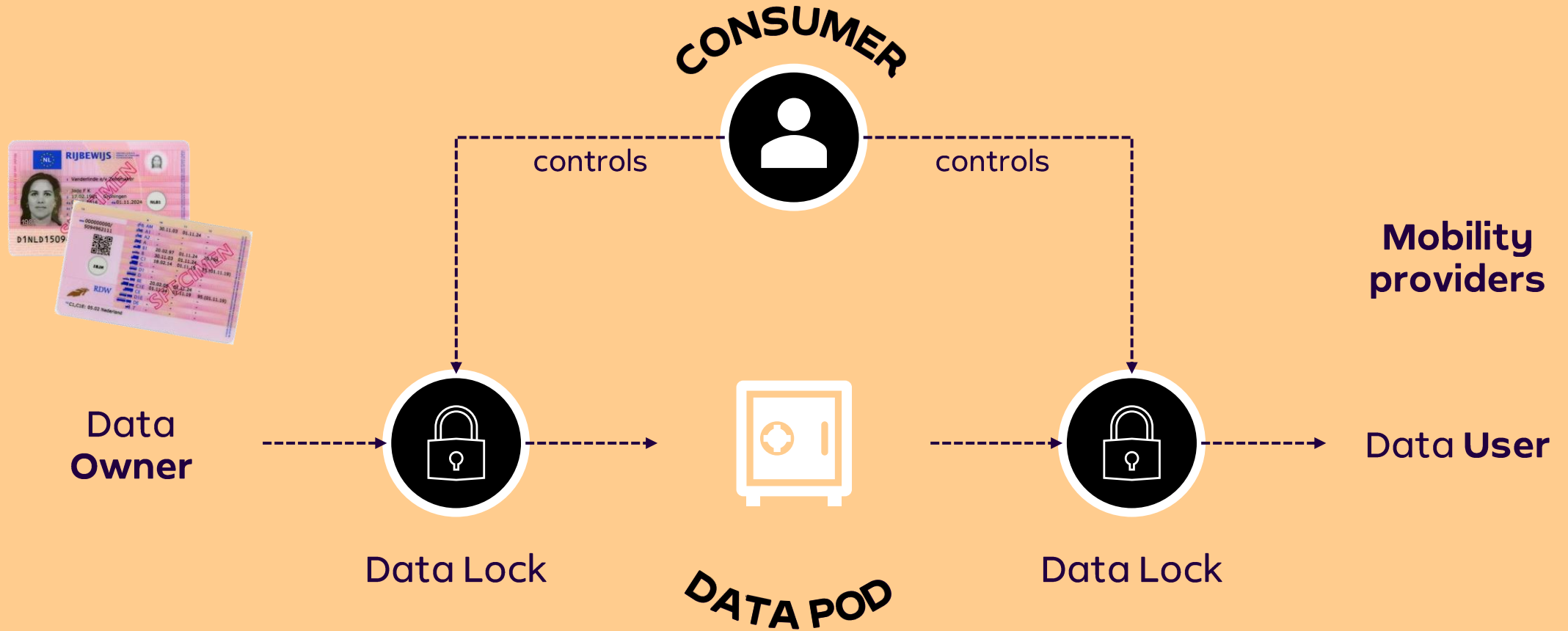
More innovation than ever



More transparency than ever



Use case shared mobility: drivers license



Common European Data Spaces

Rich pool of data
(varying degree of
accessibility)

Free flow of data
across sectors and
countries

Full respect of GDPR

Horizontal
framework for data
governance and data
access



Health



Industrial &
Manufacturing



Agriculture



Finance



Mobility



Green Deal



Energy



Public
Administration



Skills

Personal Data Spaces

- Technical tools for data pooling and sharing
- Standards & interoperability (technical, semantic)
- Sectoral Data Governance (contracts, licenses, access rights, usage rights)
- IT capacity, including cloud storage, processing and services

From Data Sharing to Data Collaboration

Federated/distributed
machine learning

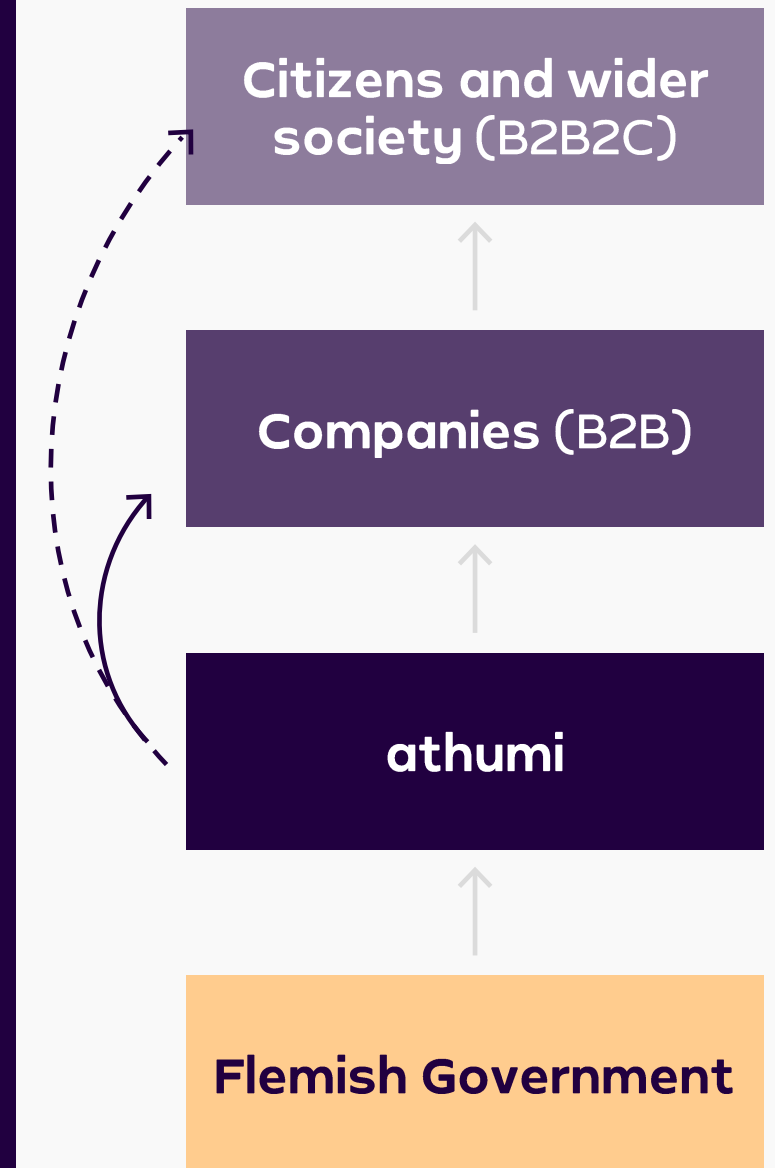
Data sovereignty edge tech

Sustainable compute systems

Why athumi

Creating athumi allows companies to make **more data more usable**. This process includes traditional corporate data, as well as confidential data and personal data.

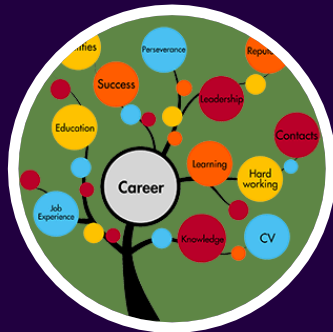
Athumi thus opens up new opportunities for sectors and companies to collaborate **B2B** and develop innovative B2C services wherein citizens can securely participate without **relinquishing** control of their data.



Personal and Smart Data Spaces



Manage My Career



How can I make better career decisions using my data?

Manage My Home



How can I better organise my house & home based on my data?

Manage My Health



How can my data help me live healthier and get less sick?



5.000

companies



1 million

transactions on data



Making more data
more usable for
more companies
and consumers