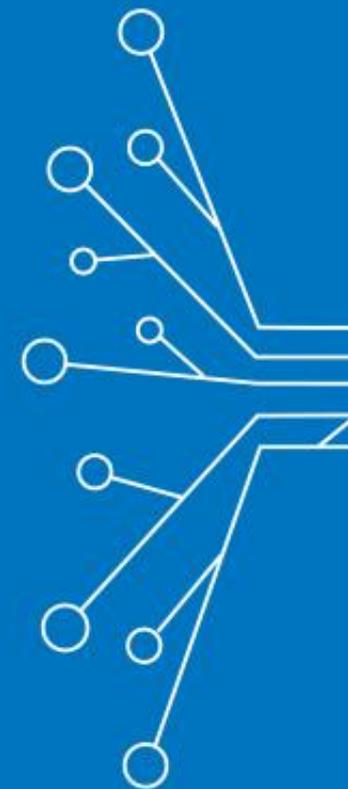
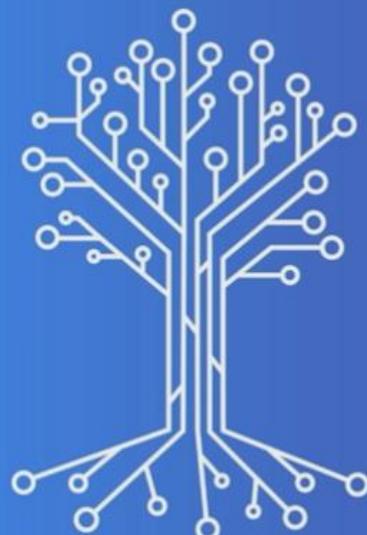
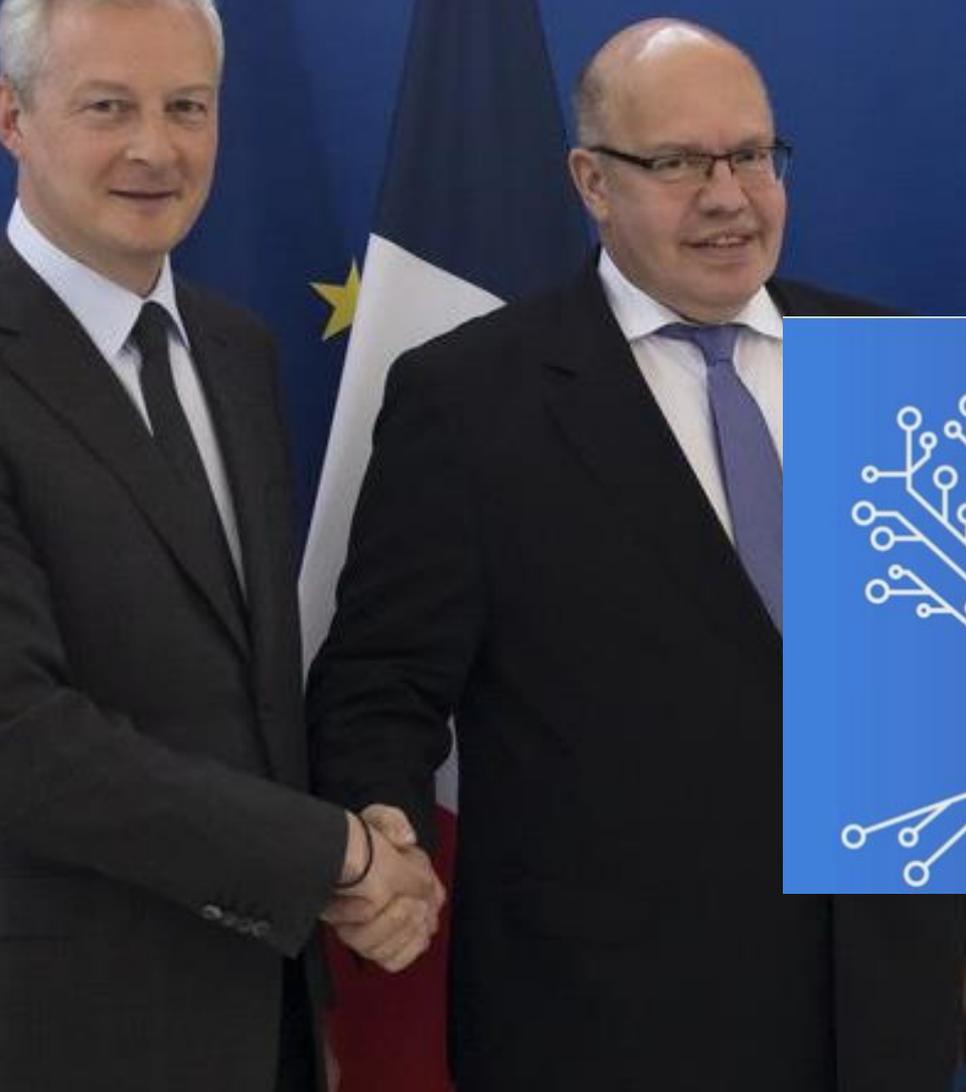


GAIA-X

A secure, federated data infrastructure for Europe that meets the highest standards of digital sovereignty while promoting innovation





GAIA-X

GAIA-X:

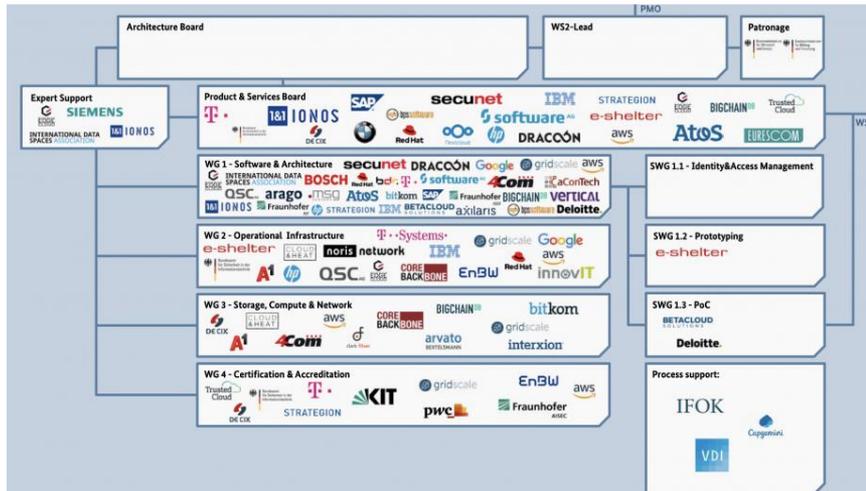
A Franco-German pitch
towards a European data infrastructure

GAIA-X: Driver of digital innovation in Europe

- A secure, federated system that meets the highest standards of digital sovereignty while promoting innovation.
- An open, transparent digital ecosystem, where data and services can be made available, collated and shared in an environment of trust and based on European values.
- A project initiated by Europe for Europe. Representatives from seven European countries are currently involved in the project. Furthermore, GAIA-X is in continuous exchange with the European Commission.
- Europe makes extensive investments in digital technologies and innovative business models. We must ensure that those who drive innovations forward are also those who benefit in economic terms. This will help to secure value creation and employment in Europe.

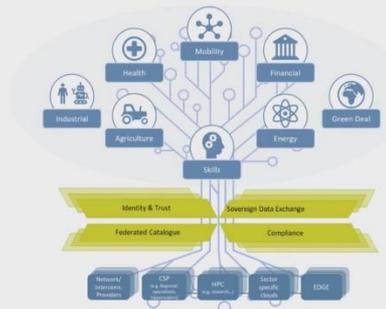
The GAIA-X Association

- 22 companies and organisations (11 from Germany and 11 from France) are currently establishing an international non-profit association (French: association internationale sans but lucratif, in short: AISBL) under Belgian law, the GAIA-X AISBL.



Federation Services & Ecosystems

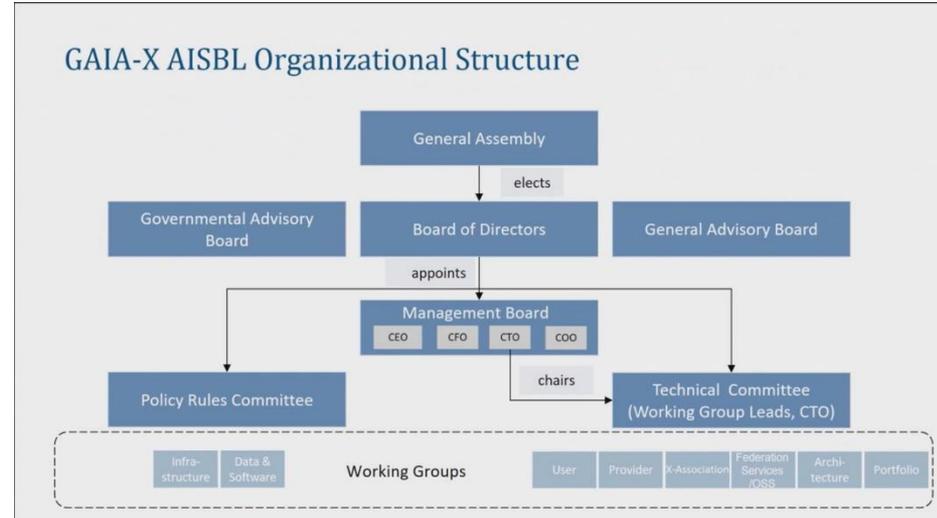
- > 40 use cases analyzed
- 170+ participants
- 150+ organizations...
- Federation Services
- 300+ participants
- 150+ organizations



- Large Companies
- SMEs
- Start-Ups
- Universities
- R&D
- Associations
- Public Sector

The GAIA-X Association

- The association's purpose and objective will be to consolidate and facilitate work and collaboration within the GAIA-X community – which is consisting of companies and organisations that actively participate in the development of GAIA-X.



- As soon as the GAIA-X AISBL is legally established, further members will be admitted, especially from other European member states.
- Meanwhile, the founding members will continue to prepare and develop the association's headquarters in Brussels and its key organisational structures.



GAIA-X as a driver for data and data space interoperability

GDI-DE – first experience of participation

GAIA-X Domains

- + Industry 4.0/SME
- + Smart Living
- + Finance
- + Health
- + Public Sector
- + **Geodata (subdomain)**
- + Mobility
- + Agriculture
- + Energy

Experience from participation in public sector/geodata requirements workshop:

- attended mainly by representatives of companies
- product standards proposed vs. INSPIRE/OGC standards

Questions:

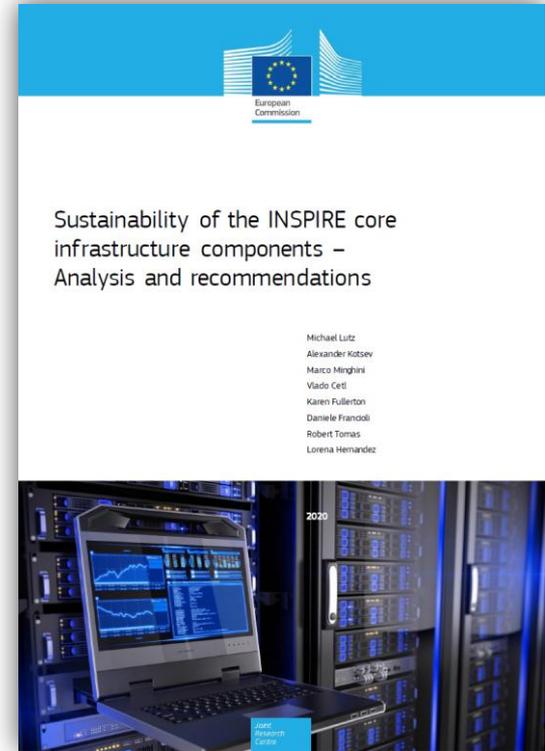
- How does GAIA-X relate to INSPIRE?
- Should the INSPIRE community promote interests in GAIA-X ?
- Is there a benefit in linking INSPIRE with GAIA-X?



GAIA-X – a possible role for central INSPIRE components

Context

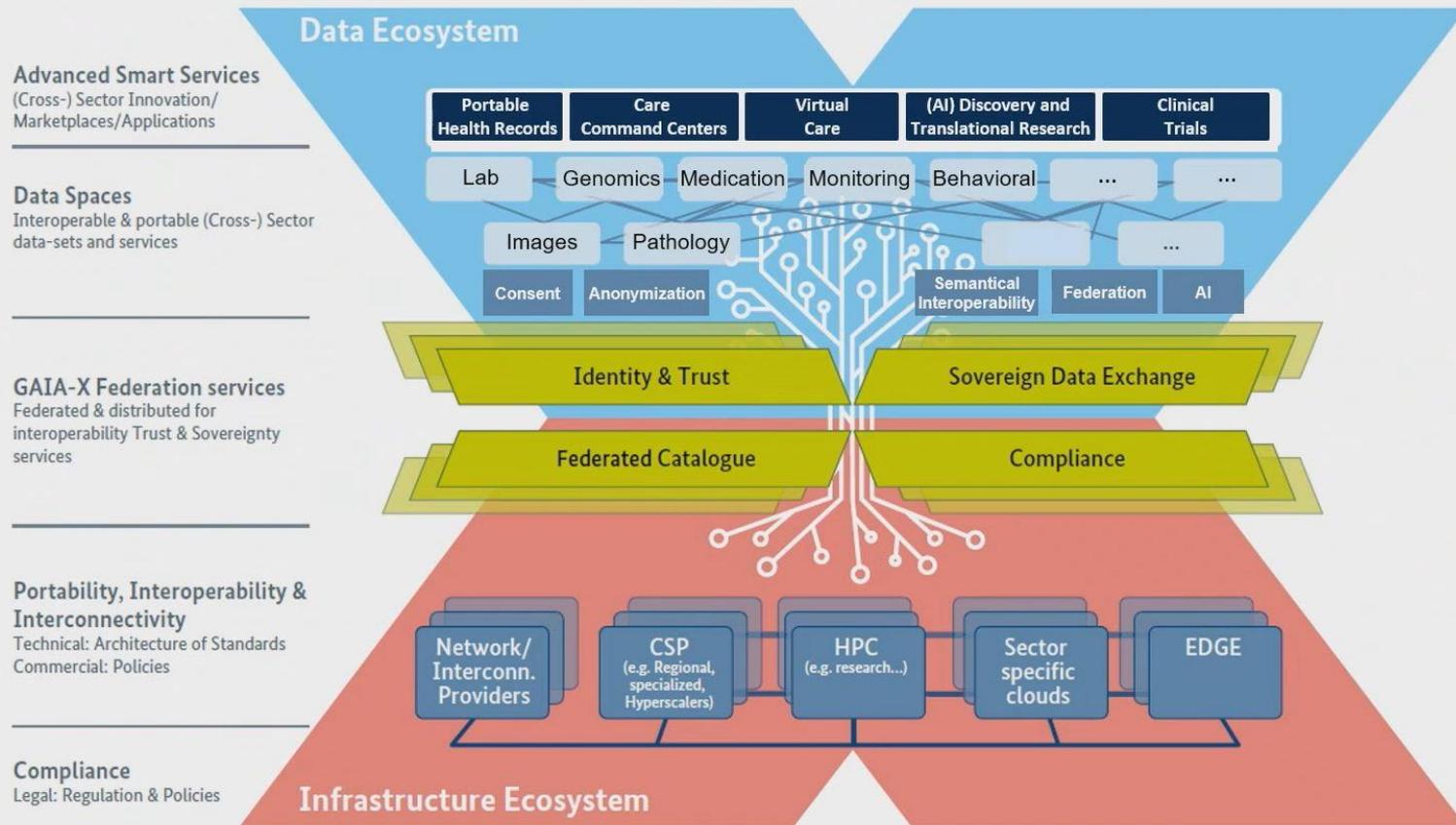
- Maturing technology fit for purpose
- Tools deliver what they are expected
- Improved transparency and dialogue with MS
- However
 - Created in different periods with different bounding conditions
 - Different technologies
 - **Rooted into the infrastructure of the JRC**
 - All this introduces additional costs



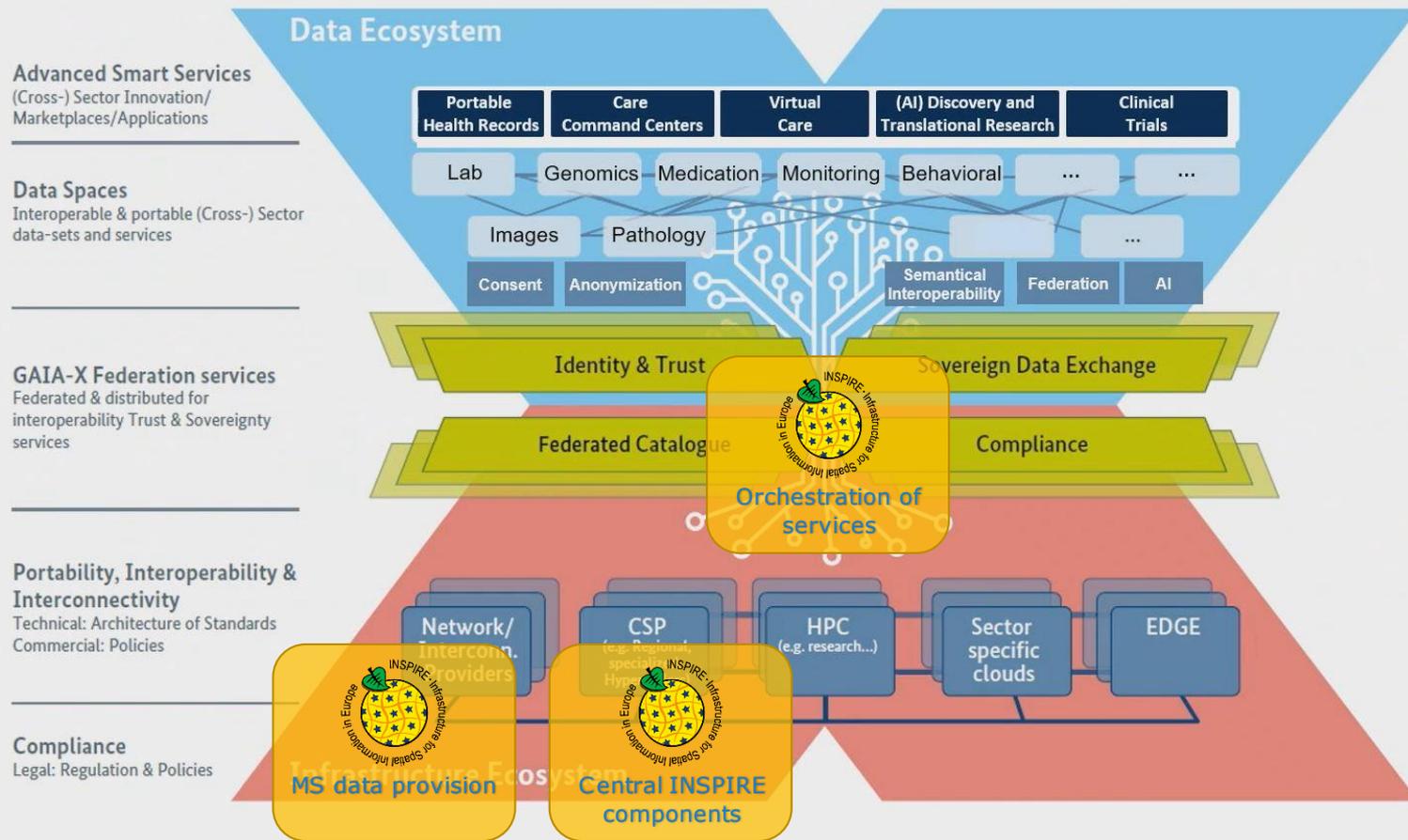
The possible role of GAIA-X

- **Decouple tools from infrastructure**
 - Use mainstream tools and technologies, incl. for virtualisation
 - not duplicating what already exists
 - Build strategic partnerships with communities
 - Harmonise the approaches for helpdesk
 - Avoid lock-in
- **Extensive use of the cloud for sustaining the tools**
 - Get out of the box security, authentication and scalability
 - GAIA-X might be the right solution

GAIA-X Applied to healthcare



GAIA-X Applied to healthcare



Workshop on GAIA-X and INSPIRE

- Objectives
 - Identify possible synergies and challenges
 - Understand the possible implications of GAIA-X on the INSPIRE architecture
 - Pave the way for future collaboration
- Organised in Q1 of 2021 (tbc)
- Possible participants (tbc)
 - INSPIRE Community members
 - MIG and MIG-T; Selected data providers; users
 - Solution providers, software vendors
 - International Dataspace association (tbc)
 - Commission Services (CNECT, JRC, ENV, EEA)
 - Members of the GAIA-X association

Thank you



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