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Inspirational Speech



Video Recording:

https://www.youtube.com/watch?v=S7L5AemgXOM&t=5s

Olivier Sichel

Directeur Général Délégué Groupe Caisse des Dépôts

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Chapter 1: Business Impact. Where do we go from here?

DSBA Interactive discussion. The need for DSBA: Progress, Next steps and our future drive & call to action

Moderator:

Thomas Hahn, BoD Gaia-X and Chief Expert Software at Siemens

Panelists:



Ulrich Ahle, CEO at FIWARE Foundation
Francesco Bonfiglio, CEO at Gaia-X Association
Ana Garcia Robles, Secretary General at BDVA
Lars Nagel, CEO at IDSA

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Chapter 1: Business Impact. Where do we go from here?

Gaia-X Deployment Business Service (Lighthouses)
Inspirational Speech

Catherine Jestin, BoD Member of Gaia-X and Executive Vice-President Digital & Information Management

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Chapter 1: Business Impact. Where do we go from here?

Data maturity model for manufacturing

World Economic Forum

Memia Fendri, Initiatives and Community Lead, Advanced Manufacturing and Value ChainsWorld Economic Forum



Advanced Manufacturing and Value Chains

Platform for Shaping the Future of Advanced Manufacturing and Value Chains



A unique space for leaders to shape the future of advanced manufacturing and value chains, creating shared value for companies, workers, society and the environment.



The how-to platform

We offer a space for sharing insights and learnings on responsible industry transformation, anticipating future trends and needs.



Peer-to-peer learning journey

We connect leaders from across companies and geographies to unlock new actions, collaborations and partnerships.



Technology adoption



Workforce engagement



Sustainable production



Resilient value chains



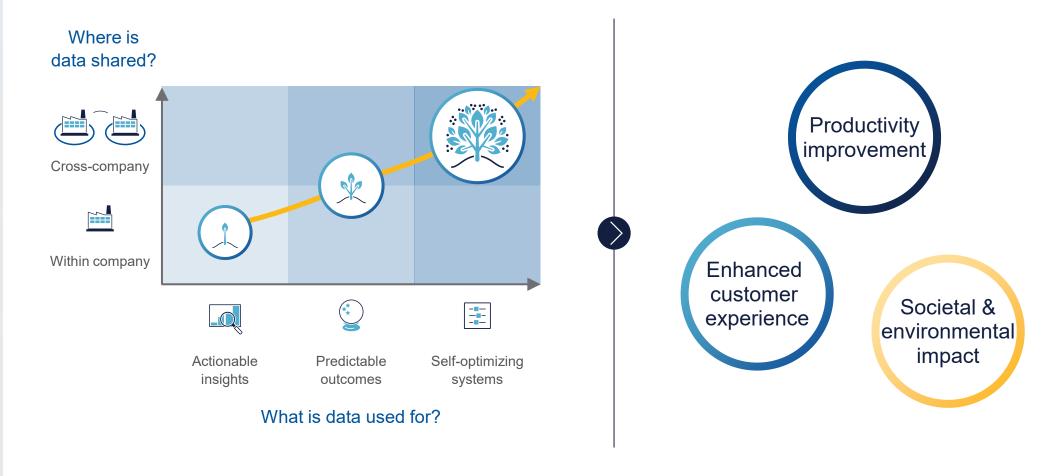
Power of data



Shared value creation

Increased data maturity to drive impact on productivity, customer experiences, society and the environment



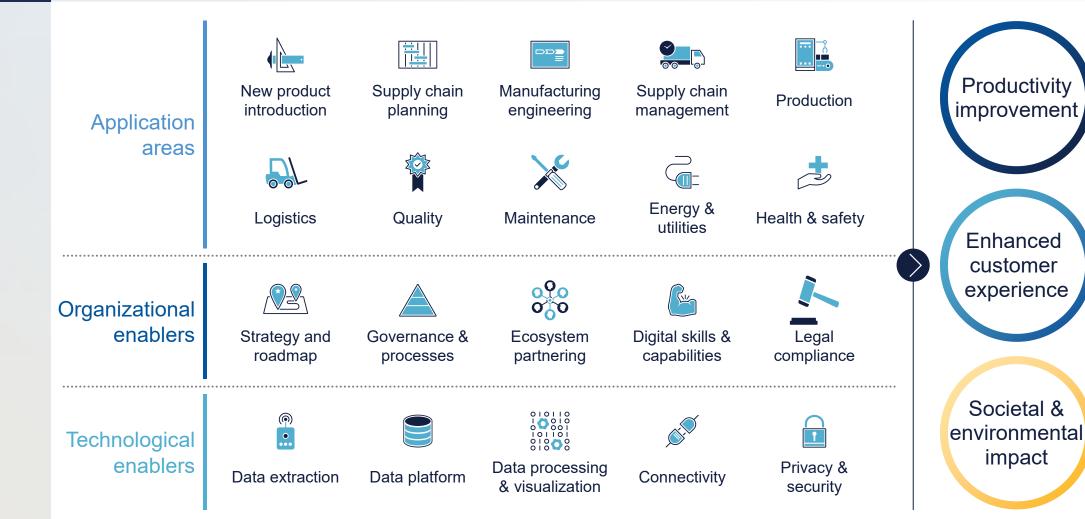


Despite this potential, many companies (83%) report that they are still struggling to capture the full value of **Data and Analytics**

Source: Global BCG Survey of more than 1,300 Manufacturing executives, November 2020

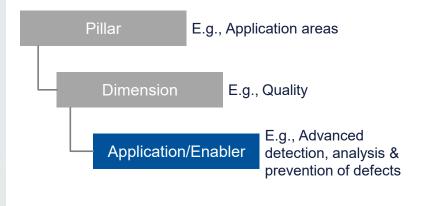
We have co-developed the Manufacturing Data Excellence Framework including 20 dimensions





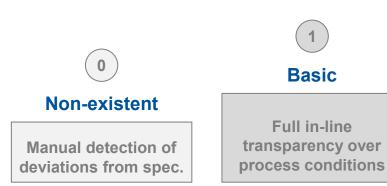
Maturity levels for each framework sub-dimension enable detailed assessment of status quo



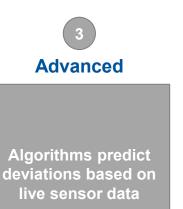


Example Dimension 1.1 Smart generative design & simulation Use in-service data to train generative design algorithms New product introduction Advanced product customization Usage of customer data to personalize products Data-driven design for manufacturing Analysis of manufacturing data to improve manufacturability Strategic: Advanced network optimization Algorithms to improve production and logistics network Tactical: Integrated sales & operations planning Algorithms for optimal S&OP quantities and allocation Supply chain planning Operational: Predictive demand forecasting More accurate demand sensing through predictive algorithms 2.4 Operational: Data-driven inventory optimization

Example: Advanced detection, analysis & prevention of defects









Self-learning algorithms prevent deviation by adjusting parameters

A journey towards Manufacturing Data Excellence













Gain insights into your data maturity, relative to peers

Apply the
Manufacturing Data
Excellence Framework
and compare results
against a global crossindustry network

Share success stories and learn from leaders

Join a community of peers and share' success stories, achieved impact and change journeys to be featured globally

Define target state for data excellence in industry

Identify proven highvalue opportunities and solutions and agree on a common path towards leading data ecosystems

Engage in cross-company collaborations

Identify pilot
opportunities to be
incubated within the
community to close the
readiness gap towards
data sharing



What's next?



- It is a multi-stakeholder journey to accelerate the transformation of industry and manufacturing capitalizing on the power of data
- The most successful companies are collaborating across ecosystems while:
 - Strengthening their organizational and technological capabilities related to data
 - Having a common purpose, such as resilience or sustainability, as a starting point
- We are working closely with the manufacturing community and Gaia-X to identify how we can further support the incubation of data ecosystems in manufacturing using the Framework



Thank you.

Contact us at:

memia.fendri@weforum.org

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Chapter 1: Business Impact. Where do we go from here?

Gaia-X Deployment Business Service (Lighthouses)
Intro

Roland Fadrany, COO of Gaia-X Association



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Agdatahub



Sebastien Picardat

CEO Agdatahub







From farm to fork

Agricultural data is essential for food production and traceability.

Example: calculating the carbon footprint of food production

To calculate the carbon footprint of a product, it is necessary to take into account the production data and the processing data

Digital and food sovereignty

By securing the exchange of agricultural data and making exchange platforms interoperable within Europe, European digital and food sovereignty is strengthened.

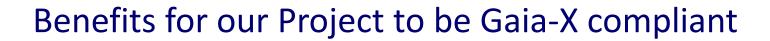




Interoperability and portability

Thanks to the interoperability between platforms, data will be able to circulate in complete security within the agricultural data space and also towards other data spaces such as tourism, energy, health, etc.

Confidentialité: Public





The guaranty of food sovereignty for all 500 million Europeans, thanks with data sovereignty.

Agricultural sector



Market



Simplified and **secured** exchanges with Europe's 10 million farms.

Service providers



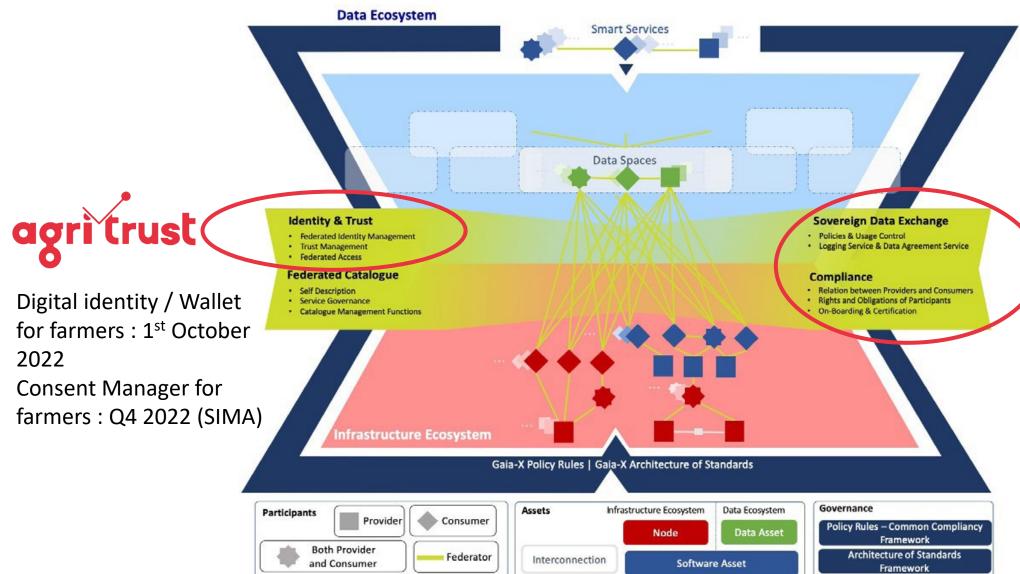
More transactions on data exchange platforms, more farmers and farmers' partners will use digital identity wallet.

Users



High level solution





api-agro

€

Since 2020: data exchange platform (1800 users)

Confidentialité: Public

Some of our use cases



CATTLE INDUSTRY





Project

Animal genetics, identification.

Actors

300 VSE/SME players, 85 000 farmers.

Partners

France Génétique Elevage, APCA/EDE, ELIANCE, veterinarians, GDS France, interprofessions

ENVIRONMENTAL SCORING





Project

Scoring of "typical" meals, scoring of the local product chain

Actors

Field crop / livestock / wine sectors, cooperatives, food industry.

Partners

Dijon métropole, Numalim, AVEINE...

CHAMBERS OF AGRICULTURE





Project

Implementation of the Digital Strategy 2020 / 2025

Actors

13 regional chambers, 89 departmental chambers, 40 000 farmers using MesParcelles.

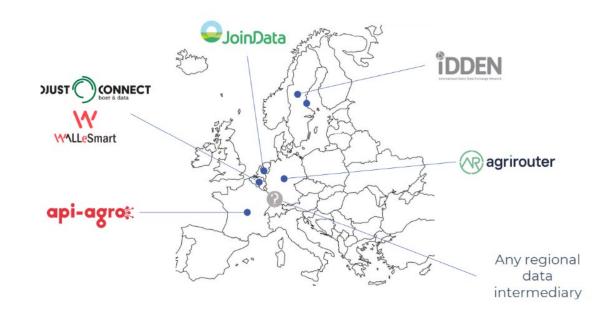
Volume

Exposure of R&D project data and MesParcelles APIs Managing connections to MesParcelles

Confidentialité : Public

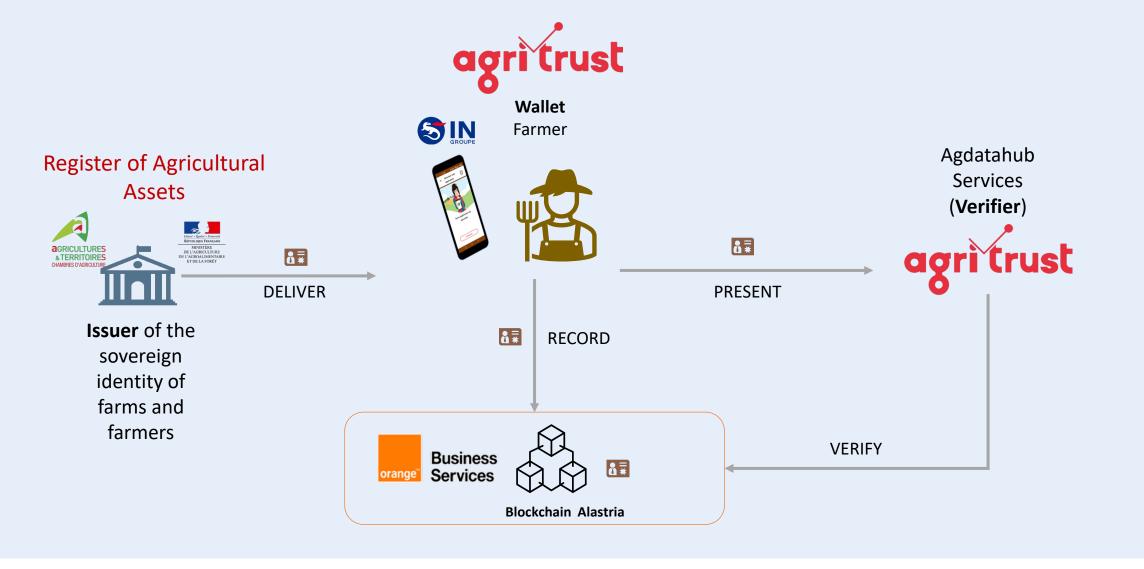
What Industry can take from this Lighthouse - project

- All Gaia-X principles can be implemented, it is the by design approach, i.e. the interoperability of the platform with other platforms and other sectors (lighthouse projects with dedicated connectors).
- The technologies (data exchange platform, digital identity / consent manager technology, sovereign cloud provider) can be extended globally for all industries.





Principles of decentralized identity

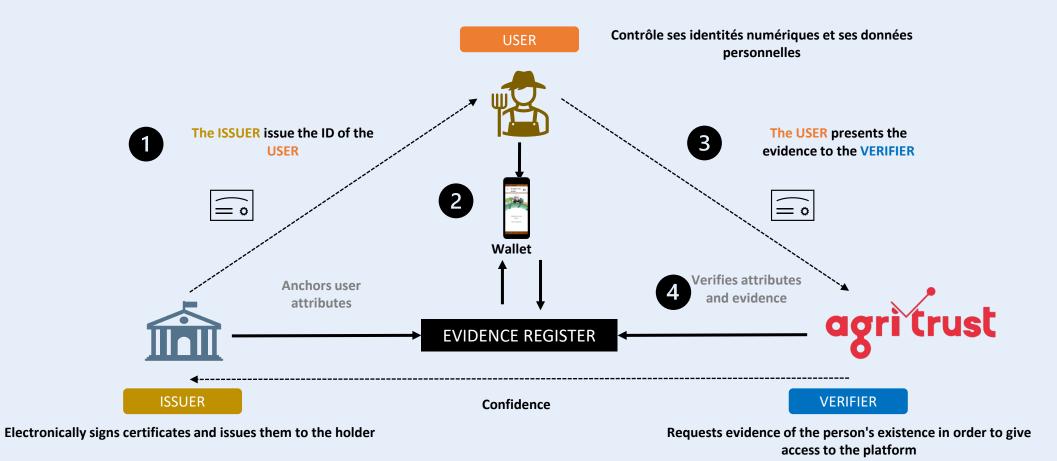






What is Self-Sovereign Identity (SSI)?

Self-Sovereign Identity refers to the approach where an individual must be able to control and manage their identity end-to-end and be able, at any time, to revoke a third party's access to their personal data.

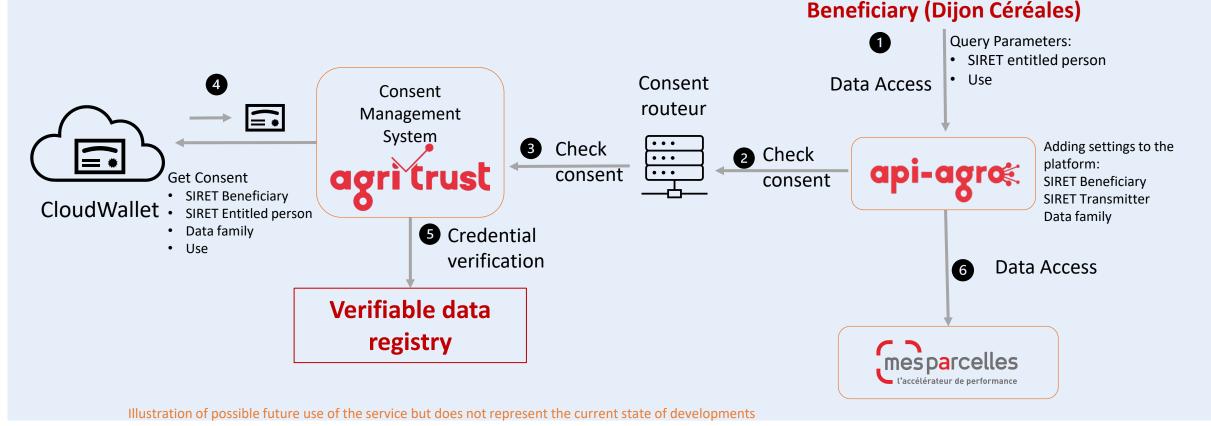






Verification of consent

This operation is combined with the API-Agro architecture (data exchange platform)





DIJON CÉRÉALES



How can you join our federation?

contact@agdatahub.eu

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A blueprint from the automotive industry for a global and cross sectoral data space.



Oliver Ganser

Chairman of the Board Catena-X e.V.
Head of Catena-X Development Consortium
Program Lead Data Driven Value Chain BMW AG

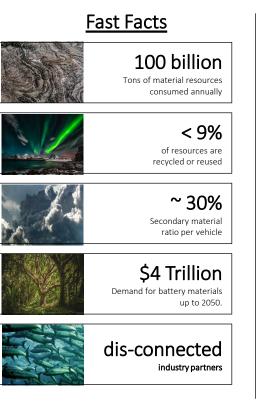


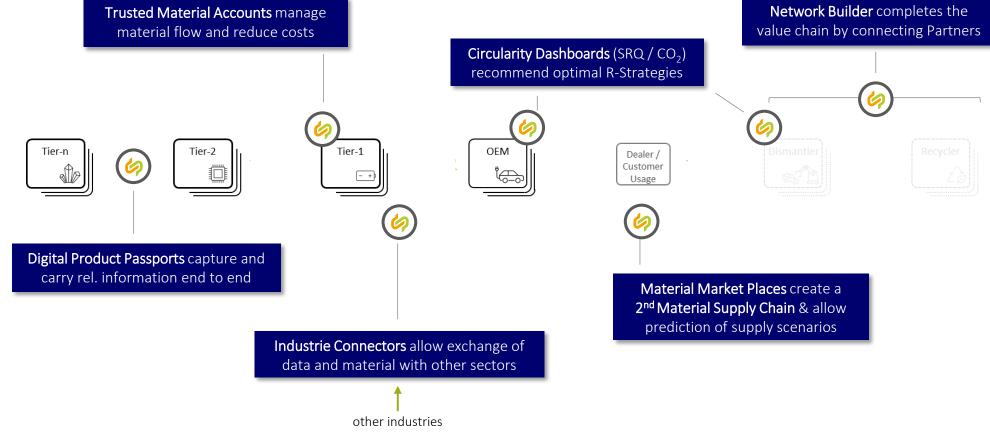
First time value derivation made possible by the trusted Catena-X data space - example circularity -



Catena-X Standards & Artifacts (6)

connect partners, streamline flow of information and enable scalable value derivation.



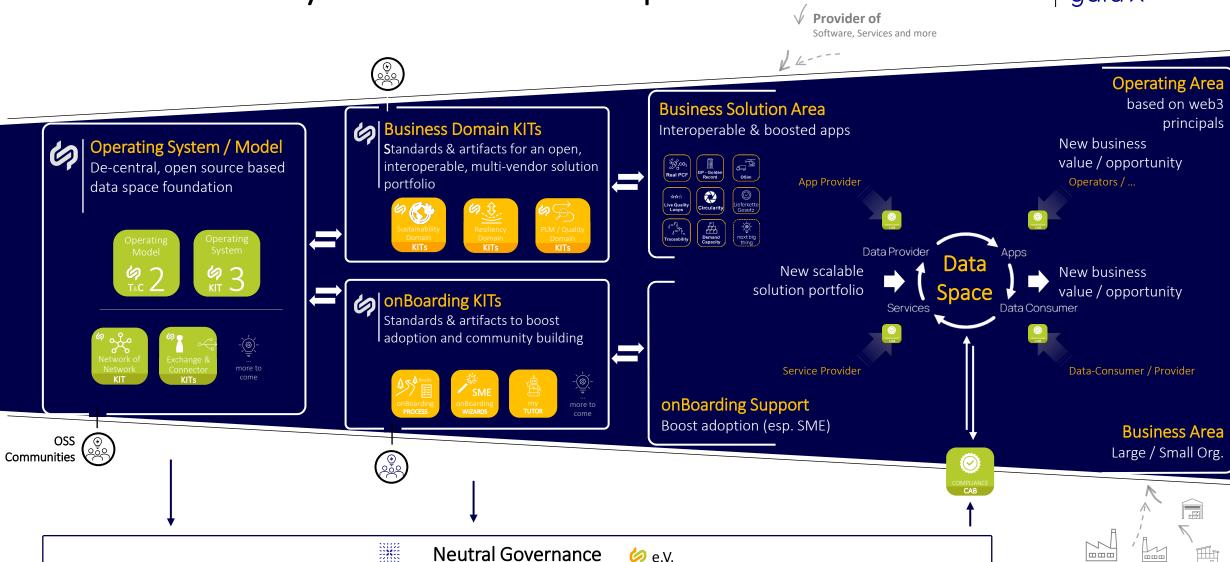


The Catena-X ecosystem and its core components



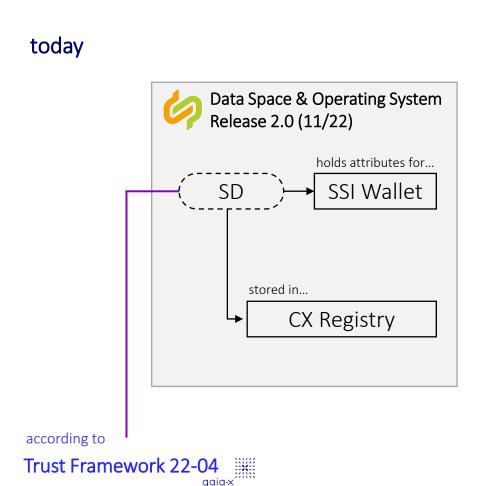
Industry

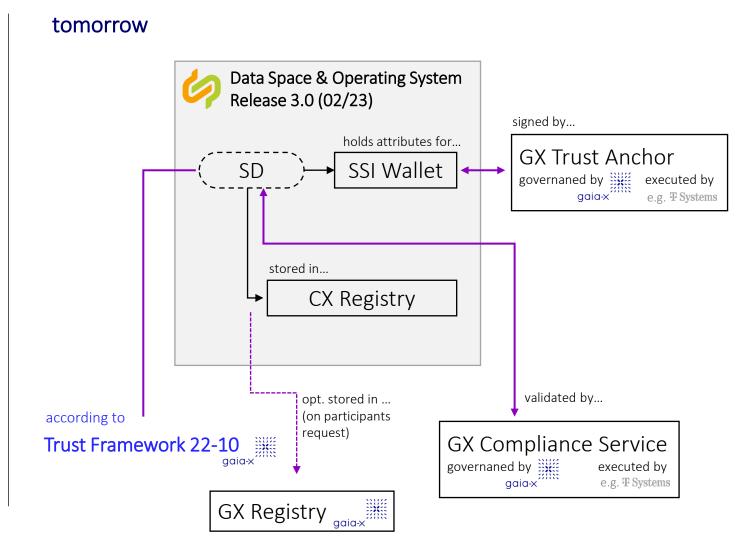
OEM, Supplier, Recycler, ...



The Catena-X eco system is ready to be GAIA-X compliant and goto Market



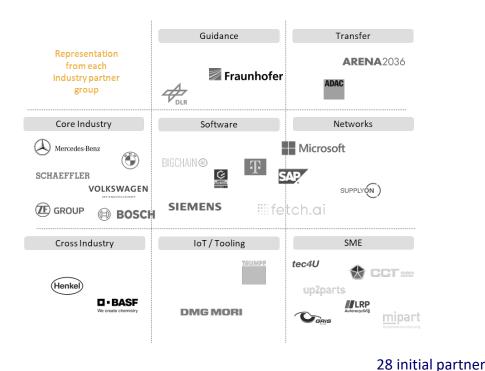




Starting and utilizing the Catena-X data space requires the right set of partners and a global way forward



Kick-Starter Team to build and launch the initial foundation.



Implement a **Hub-Concept** to empower regional adoption and ensure flow of information **between relevant regions** and **data spaces**.



World Premiere Sign-off MoU "Set-up and operate the Catena-X Hub in France"



Signee Catena-X e.V.

- Oliver Ganser, Chairman of the Board
- Claus Cremers, Treasurer

Signee Catena-X for the French Industry

- Marc Mortureux PFA Director
- Eric Lambert, GALIA Director



Top jobs of the local hub

- Empower a region to work independently with Catena-X solutions
- Grow a local Catena-X community especially with SMEs
- Enrich the Catena-X portfolio with existing and new solutions

Working Group:

- Frank Göller & Alev Kirazli, Volkswagen AG
- Jean-Baptist Butcher, Valeo AG
- Stephan Watzka, Denso
- Alexandra Baleta VMware
- Andreas Kottmann, BMW AG
- Frank Lubnau, Capgemini
- Ionel Rusu, BASF AG
- Markus Besch, SSC-Services GmbH

Outlook 2023 Establish interoperability of data space lighthouses





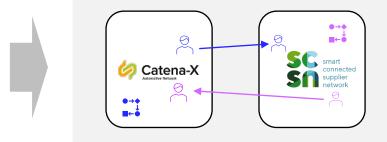
Enable and support cross data space interoperability

Today: SCSN & Catena-X are completely de-coupled data spaces



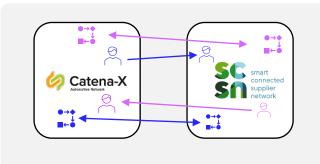


Step 1: Simplified onboarding for partners of the other data space





Step 2: Seamless exchange of data for use-cases across the 2 data spaces







Providing the trust framework as basis for shared identity



Thank you!

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ELINOR-X



Stefan Metzger

_

Managing Director & Founder, Beyond Civic AG



Mobility-Insights for the City of Lucerne

A "digital cooperative" approach based on the guiding principles of Gaia-X



Innosuisse - Swiss Innovation Agency







UNIVERSITÉ DE FRIBOURG





Swisscom beyond civic



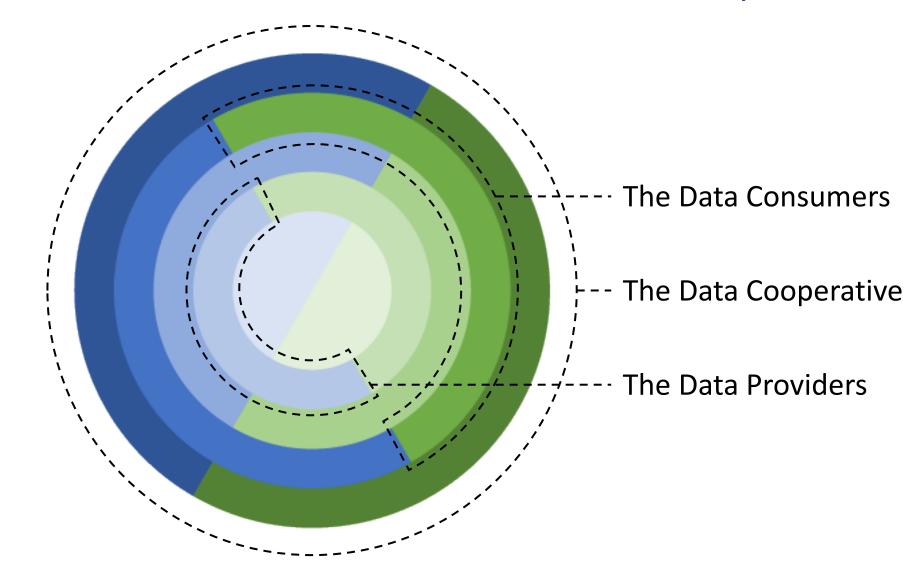
The roots of the commons – shared land of a community



Source: utopia.de; CC0 / Pixabay / Free-Photos



The continuation of the commons – shared DATA of a community















ELINOR-X

THE URBAN DATA COOPERATIVE

Source: luzernerzeitung.ch, nzz.ch, nordpol.lu



Problem Statement: Mobility Asset Optimization

How could we provide a data foundation for insights that go beyond individual optimization to realize the optimization as a whole (society)?



Root causes:

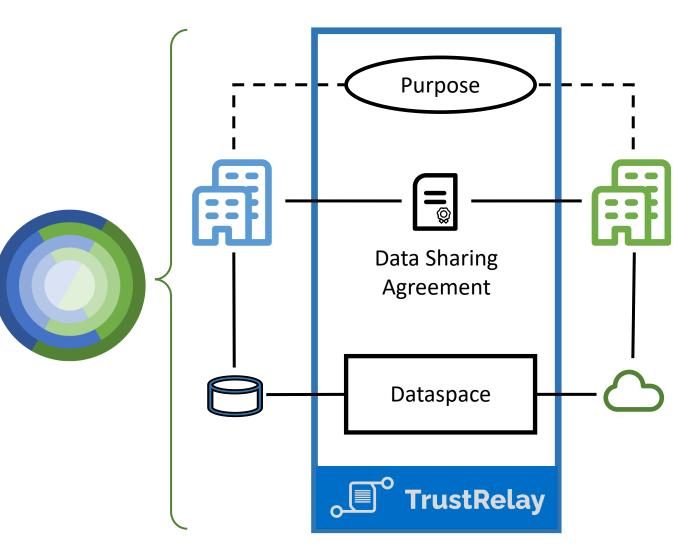
- 1. Lack of solutions to ensure confidentiality and privacy
- 2. Lack of influence on the purpose of data usage
- Lack of solutions to support legal agreements
- 4. Disparate methods of data collection and transmission
- 5. Lack of data



High Level Solution - TrustRelay

Under Society 5.0 value is generated from spaces where data is gathered and then deciphered and deployed through knowledge...

Dataspaces are a pragmatic implementation of data gathering.





Why is the Gaia-X Framework making an important difference

Data Sovereignty

No centralization of data & no data lock-in

Technical

Highest degree of interoperability & use of open standards

Trust

Proper identification of dataspace participants

Legal

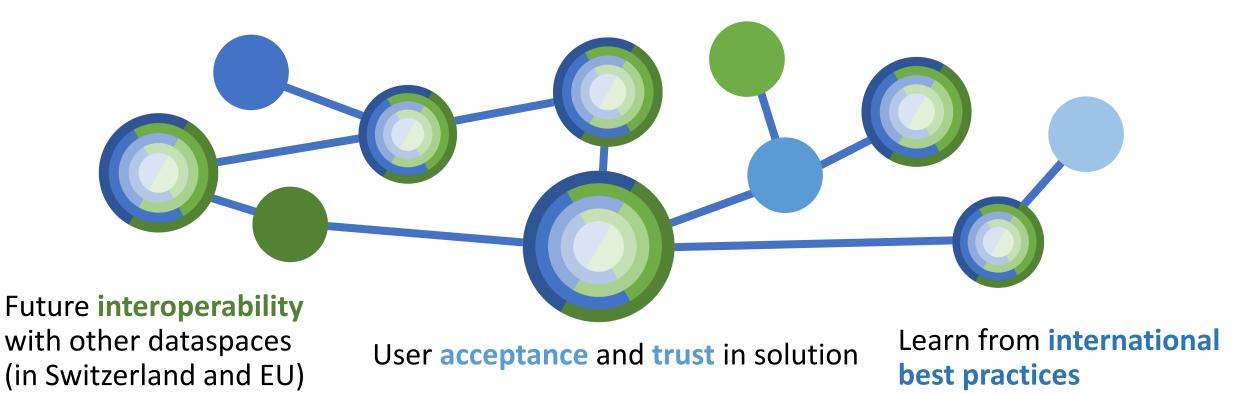
Data Sharing Agreements incl. legally binding signatures

Data Protection

Dataspaces make use of Confidential Computing



Benefits for our Project to be Gaia-X compliant

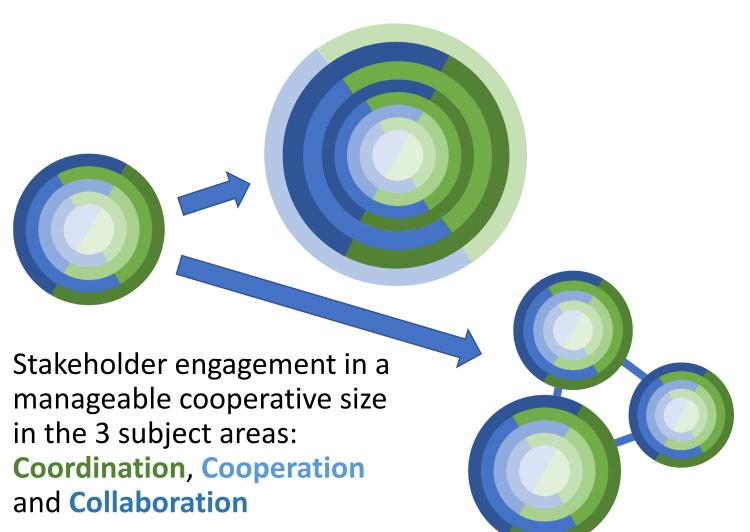


Generic principles allow for other (mobility) use cases to be implemented with limited effort

Re-use of open source components leads to additional acceptance



Limitations of cooperative and how to mitigate



In case of bigger cooperatives with more than a dozen partners or more complex cooperative ecosystems with more than one cooperative,

- Standardized datasharing agreements and / or
- participatory datastewardships are needed.



What Industry can take from this Lighthouse Project



- Truly enabling Society 5.0 → Democratic data ownership
- Technology layer (TrustRelay) is generic and can easily be deployed in other industries
- Start small and act pragmatic
- Incremental extensions & new features





Confidentialité : Public



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EONA-X Improving Mobility, Transport & Tourism thanks to data sharing



Jean-François Cases

_

President, EONA-X





EONA-X Dataspace for Mobility, Transport & Tourism

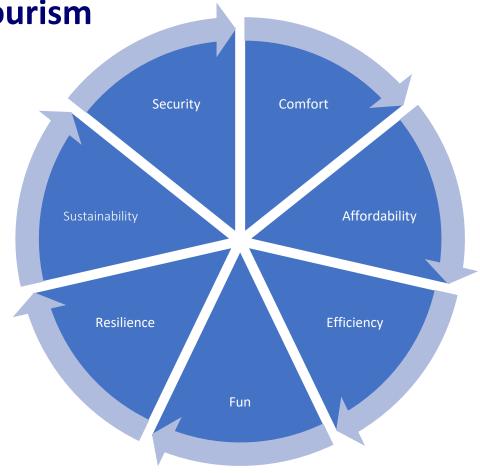
Seven main areas of improvement

"To reach our climate targets, emissions from the transport sector must get on a clear downward trend. Today's strategy will shift the way people and goods move across Europe and make it easy to combine different modes of transport in a single journey."

Frans Timmermans, Executive Vice-President for the European Green Deal

First success: release of EONA-X demonstrator

based on real time production data and proven cutting-edge technological building blocks in a data mesh environment for all the founding and active members





Why is the Gaia-X Framework making an important difference?



There is a strong investment from EONA-X members because there is a need for a reliable ecosystem:



<u>Trust as enabler for</u> use cases



Global common architecture and building blocks providing interoperability



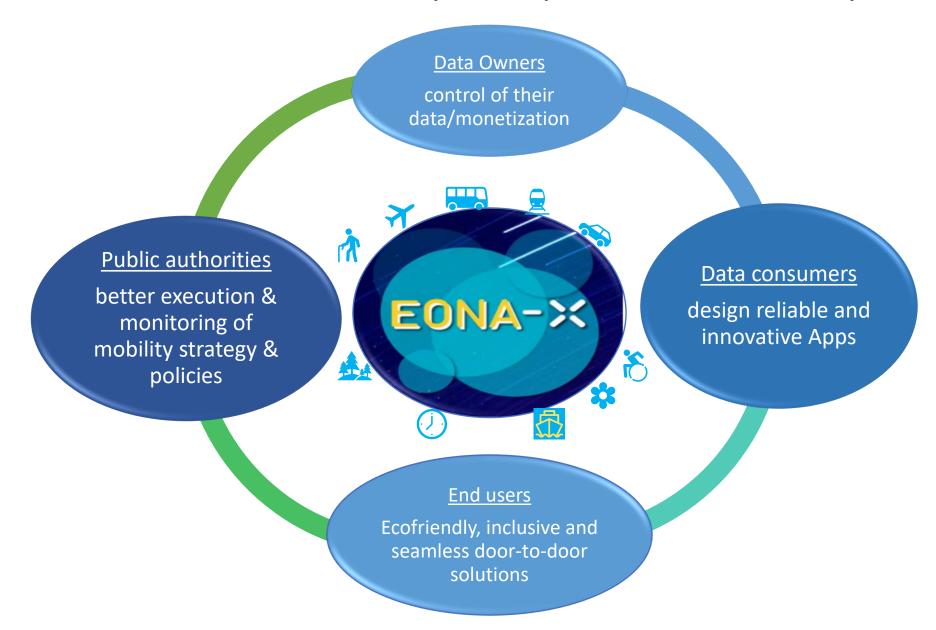
Data rules & policies



Cooperation between national hubs and dataspace initiatives

Benefits of Eona-X for the Mobility, Transport & Tourism ecosystem





Confidentialité : Public

Demonstrator Delivered - High level solution



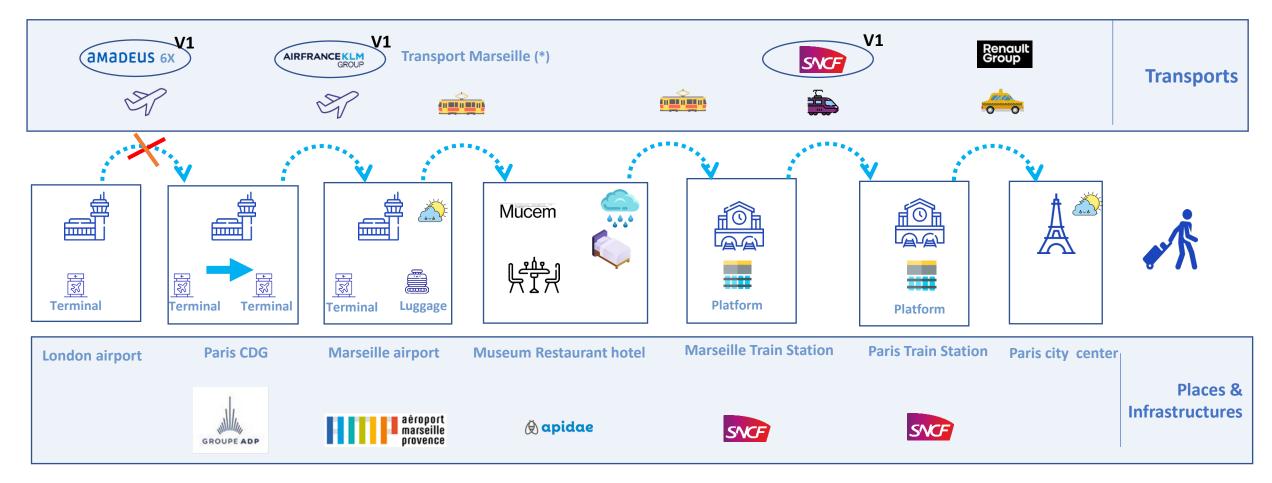
✓ Eona-X sandbox with a federated catalogue, containing production data from Mobility Transport &Tourism data providers, ensuring good data quality and real time updates.



- ✓ Data access policies based upon Verifiable Credential and Gaia-X trust framework
- ✓ Connector-based data exchange between consumer and providers
- ✓ Seamless travel App demo use case

Example of seamless travel powered by the EONA-X Demonstrator V2





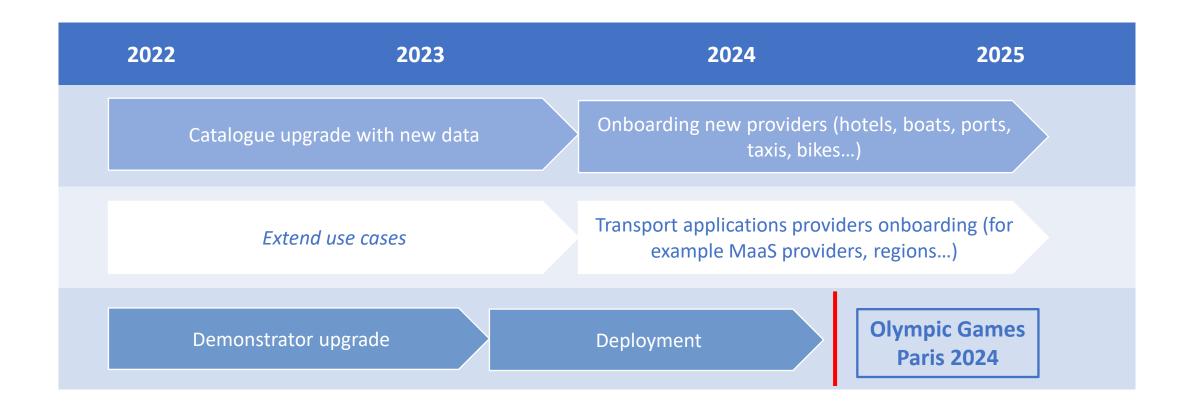
- Disruption: flight delay

 (*) Available in V3

 Weather
- 1. The demonstrator describes the trip preparation and provides a real time update during the trip in case of disruption.
- 2. It will allow to choose the transport modes taking into account CO2 emissions, energy, speed and cost.
- 3. It will provide accessibility information to facilitate trips for passengers with reduced mobility.



EONA-X high level roadmap



Confidentialité : Public

What can the industry take from the EONA-X project?



Results:

- ✓ Proof that dataspace technical bricks are working
- ✓ Importance to have strong use cases

Impact for other Industries:

- ✓ Same technical components can be implemented by other industries, reach out to our experts!
- ✓ We are ready to test interoperability with other dataspaces.

Join our booth for a live demo!



How can you connect with EONA-X? info@eona-x.eu

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EuProGigant



Prof. Dr.-Ing. Matthias Weigold

_

Head of Institute, Institute for Production Management, Technology and Machine Tools (PTW) at TU Darmstadt



EuProGigantEuropean Production Giganet

Building the manufacturing internet of tomorrow













Lighthouse and Gaia-X Why is the Gaia-X Framework making an important difference



The story



Why are we part of Gaia-X?



Impact on the market



Increase of value creation speed
Europe as a secure, sovereign, resilient
and sustainable manufacturing space



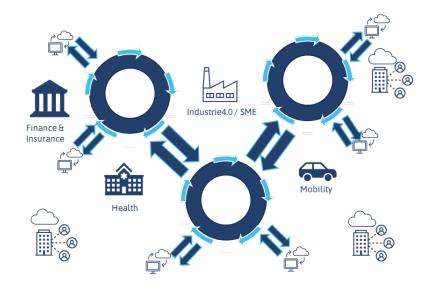
Benefits for our project to be Gaia-X compliant

Project impact

Market impact

Industry





SMEs

Easy connection & set-up
Trust & transparency





High-level solution

What was realised & how it works

deltaDAO technology stack based on **Web3 technology** & **EuProGigant edge computing technologies** as Gaia-X nodes in the infrastructure ecosystem

Planned market introduction: 2025



Technical details

Running!

Federated Catalogue: DLT (GEN-X, Ocean)

Portal: Aquarius as Cache, Web interface

Identity: DID:WEB, DV TLS (X509 certificate)

(no trust anchor)

Compliance: Gaia-X Compliance Service

Gaia-X Self-Descriptions: manual

implementation as latest Trust Framework*, self signed & Gaia-X signature by Compliance

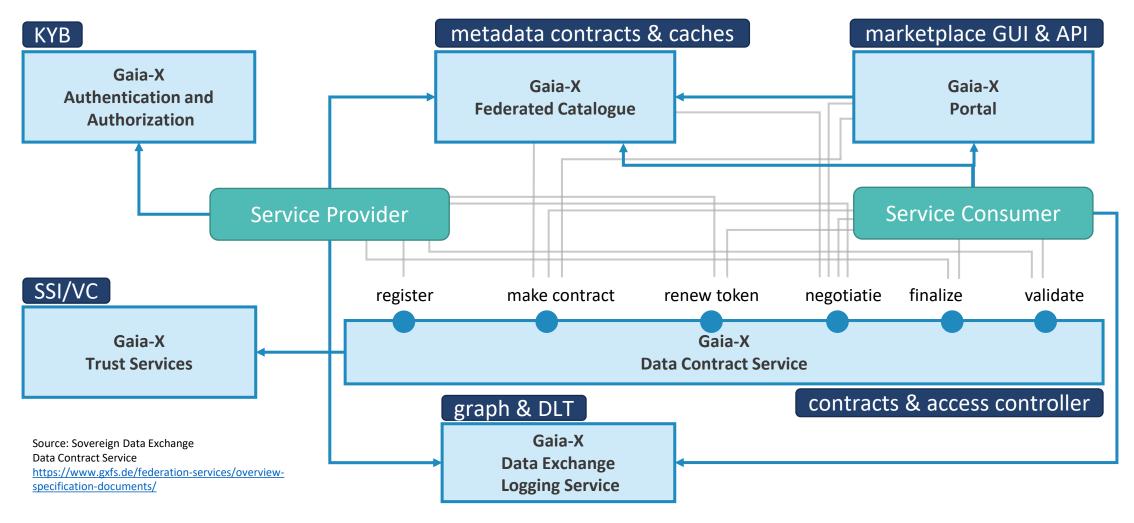
Service

Data and Service Exchange Logging: DLT

Data and Service Contracting: Token-based

EuProGigant Gaia-X Framework Architecture powered by deltaDAO

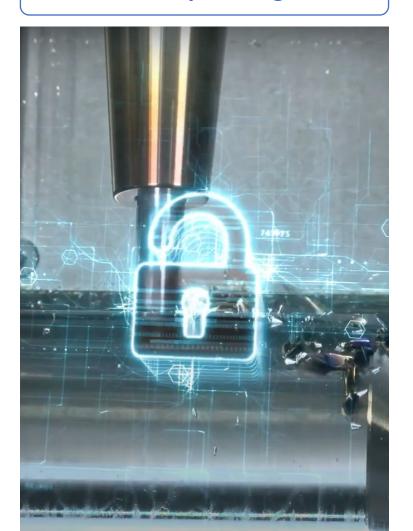






What Industry can take from this lighthouse project?

Industry learnings



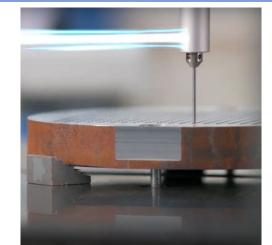
Impact on other industries



How can I join the federation?



How can I use this for my business?





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Mobility Data Space Operating Lighthouse Project of Gaia-X



Michael Schäfer

_

CEO, Mobility Data Space

Mobility Data Space – A data space for future mobility







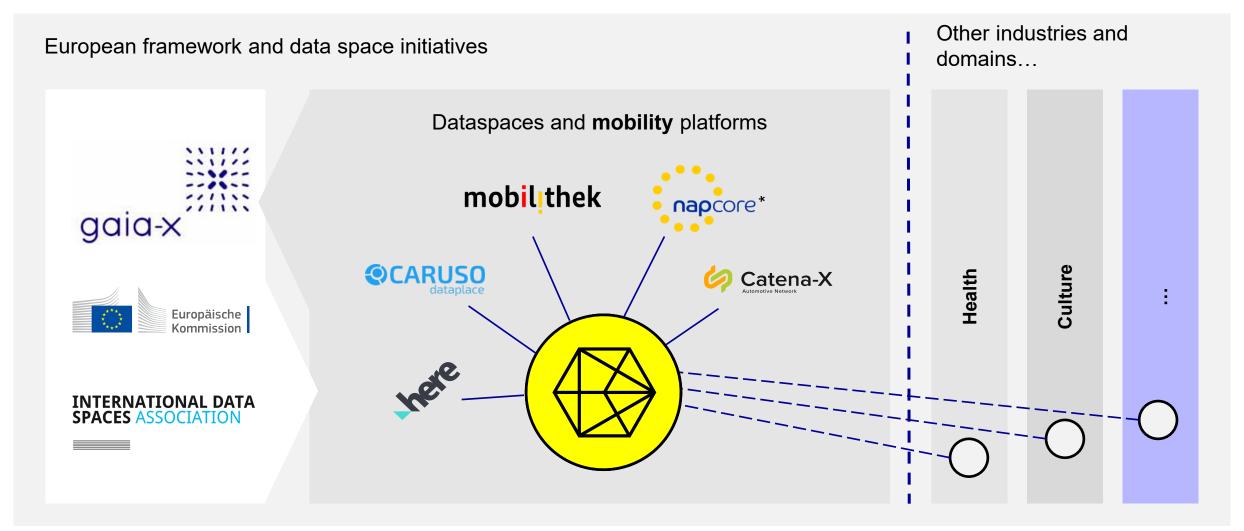
"Take future mobility. Data will play a crucial role, not only for autonomous driving systems but also in the coordination of different means of transport and smart management of traffic streams. That's why we need a single, cross-border European space for mobility data as soon as possible. We have made a start in Germany with the Mobility Data Space. Let's connect it up with all of Europe. It's open to anyone who wants to get something moving. That way, we can be global pioneers."

Speech by Federal Chancellor Olaf Scholz at the Charles University in Prague on Monday, 29 August 2022

Mobility Data Space – Shaped for a common European framework





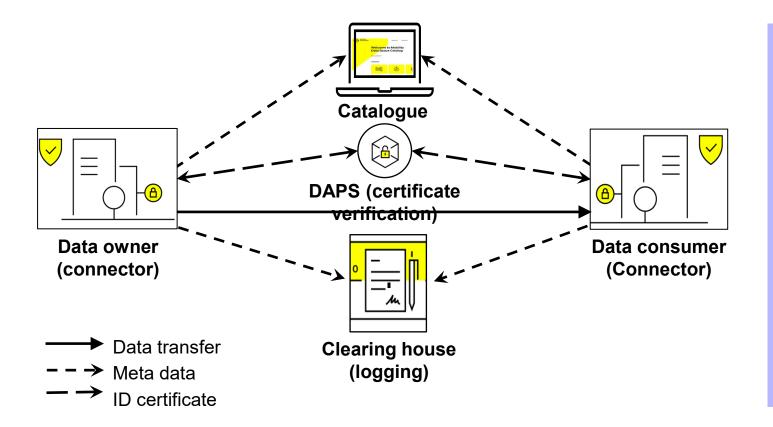


^{*} NAPCORE is not a data space, but a harmonizing project of the European National Access Points (NAP)

Mobility Data Space – Implementing the Gaia-X framework





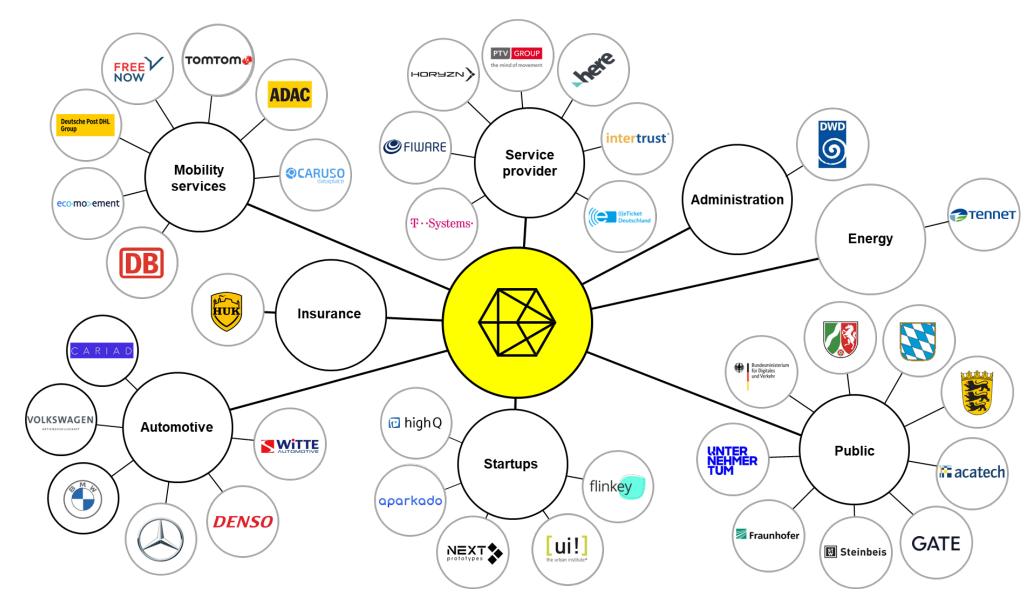


The Mobility Data Space (MDS) is an already operating, independent marketplace for all mobility relevant data that is open to everyone. The marketplace enables mobility by providing tomorrow а secure environment for sovereign data **exchange**. This results in innovative products, services and business models developing for the benefit of us all.

Mobility Data Space – Creating an ecosystem for mobility data







Mobility Data Space – Business cases and success stories (examples)





Charging point infrastructure

Improvement of charging point infrastructure and acceptance of e-mobility

Increase of social acceptance of e-mobility through better convenience when searching for free charging points, reveal potentials in the charging infrastructure (e.g. for municipalities), reduce inner-city charging point search traffic



Data-based parking management

Information on parking space capacity utilisation

For municipalities looking to reduce parking search traffic and achieve more even use of available parking space, Urban Mobility Innovations' OptiPark solution provides real-time and forecast data on parking space utilisation





Multimodal mobility

Al-based mobility recommendations for the citizen

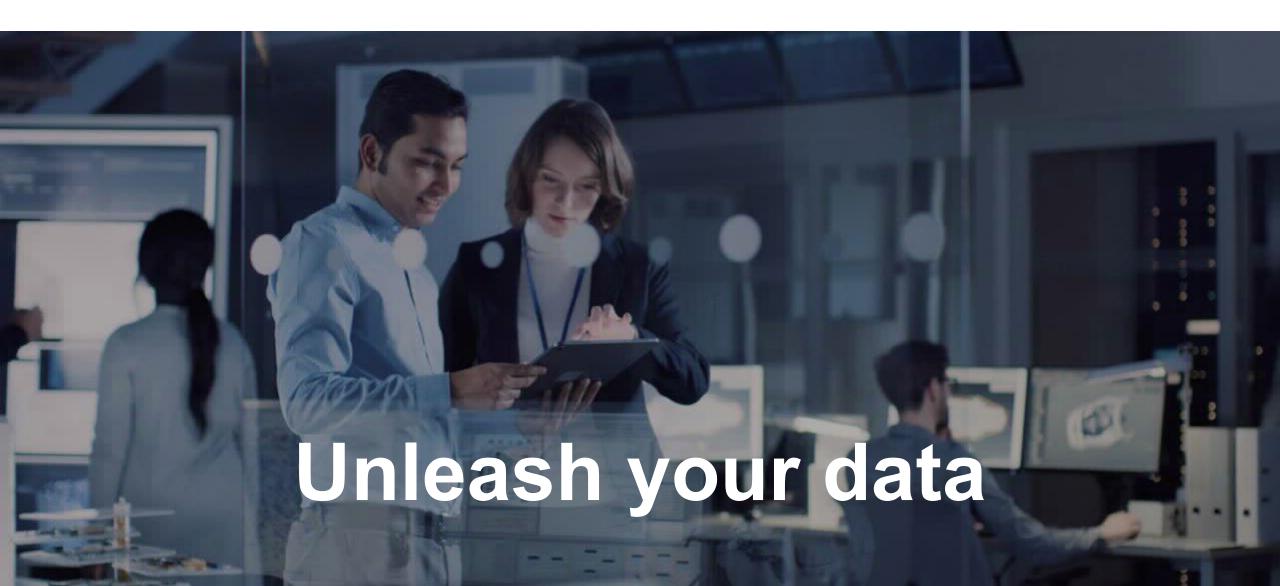
Weather and traffic-related recommendations on the user's smartphone, combined with incentive systems for sustainable mobility behaviour (e.g. public transport) support the end user in the optimal (multimodal) choice of means of transport



Mobility Data Space – The data sharing community









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Smart Connected Supplier Network

Building the worlds smartest integrated supply network for high-tech using Gaia-X

Matthijs Punter, TNO



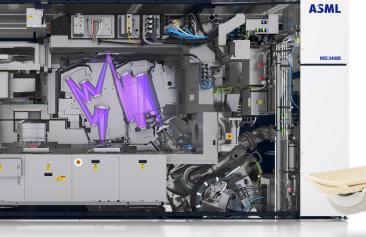
High-tech equipment = High-complexity, high-mix, low-volume















Semiconductor equipment

Healthcare

Scientific instrumentation

.... many other areas





Supply chain collaboration is a burning platform for high-tech



The Chip Shortage Isn't Over Quite Yet

Bloomberg

The tech worker shortage is about to become an even bigger problem



FINANCIAL TIMES

EU sounds alarm on critical raw materials shortages

The supply chain as-is is not able to follow the growth of ASML

EU strategic autonomy 2013-2023: From concept to capacity

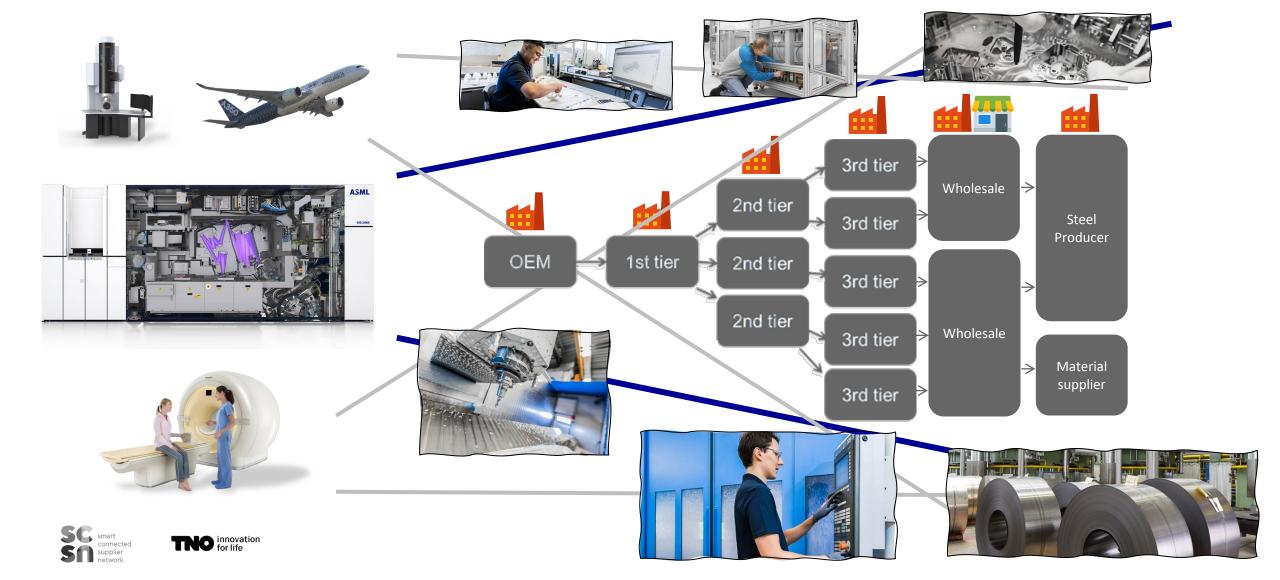




Chip equipment maker ASML says it will be fine in a recession

High-complexity, high-mix, low-volume requires a **smart & connected network** of suppliers, not just OEMs





Our aim: build the world's smartest network of high-tech suppliers – driven by data



Improved efficiency

Reducing the administrative burden

Increased resiliency

- Reducing errors
- Provide the necessary visibility on potential bottlenecks

Improved agility

- Reducing the time-to-market: respond faster to changes
- Reducing the time-to-money



Currently consisting of +/- 300 manufacturing companies active in high-tech supply networks

Virtually integrated network of specialized independent companies

One-stop-shop for high-tech OEMs

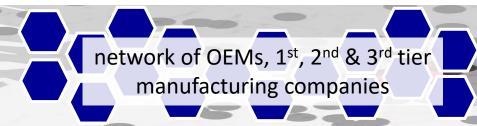




Smart Connected Supplier Network = controlled data sharing at large



supply chain resiliency services purchasing & e-invoicing logistics collaboration



extended product lifecycle management maintenance collaborative engineering









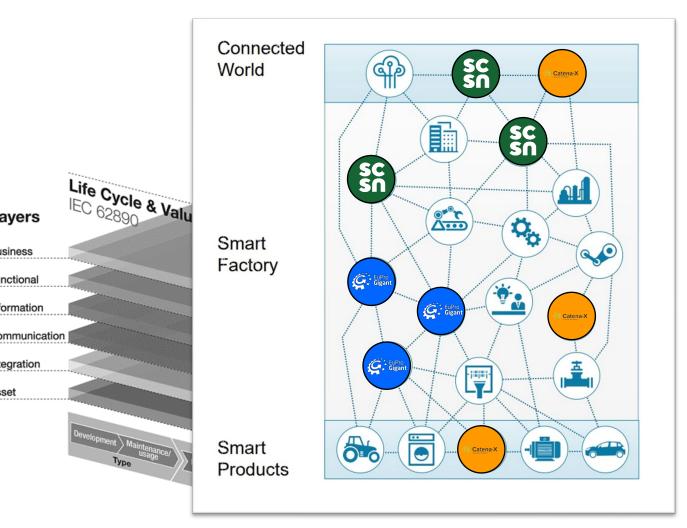
Manufacturing equipment & capabilities using Industry 4.0 standards







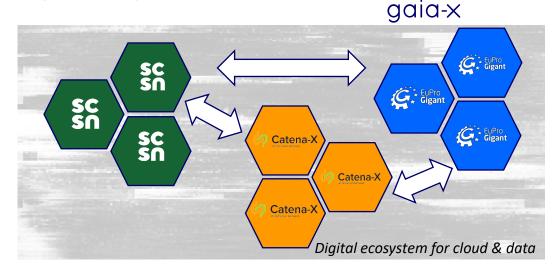
Building a shareable digital twin of everything using Gaia-X



Source: Reference Architecture Model Industry 4.0







- Represented in the cloud using an International Data Spaces (IDS) Connector to ensure data sovereignty
- Gaia-X to ensure
 - identification and trust across different organizations and ecosystems
 - cross-data space interoperability
 - through the trust framework & federation services

Smart Connected Supplier Network: operational, scalable, extendable



- Operational: connect once and share data with the entire network
 - Currently 10 service providers active in the network providing connectivity
 - Serving 300 independent manufacturing companies
 - Data sovereignty: each company controls its own data
 - Independent (non-profit) foundation to manage interoperability agreements
- Data space federation enabled by Gaia-X
 - Interconnection with other Gaia-X lighthouses (EU ProGigant, Catena-X)
 - Extendable to other domains: manufacturing, mobility, etc.







Thank you!

matthijs.punter@tno.nl smart-connected.nl

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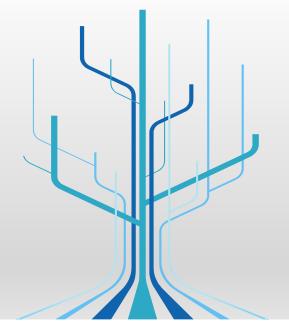


Gaia-X Deployment Business Service (Lighthouses) Structura-X



Klaus Ottradovetz

VP, Atos





...a Gaia-X Lighthouse project

































































Structura-X

Provide

Gaia-X compliant infrastructure services

by an

ecosystem of federated providers

realizing a

choice of interoperability, portability and sovereign services

as a foundation for

Data Spaces and Gaia-X Lighthouse projects

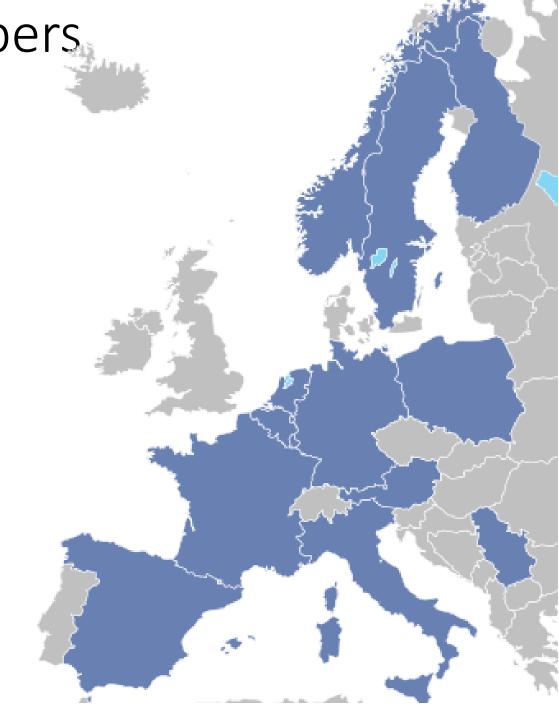
Structura-X Consortium Members

(current participants)

15 European Countries

17 Cloud Service-, 2 Interconnection Providers
2 System Integrators & 5 Technology Providers
5 Associations

A1 Digital International GmbH Aruba S.p.A.	AT IT	KPN Lux Innovation	NL LX
Arsys Internet S.L.U.	ES	next layer	AT
Atos SE	EU	Noovle SpA	IT
Cloud&Heat Technologies	DE	NRB	BE
Cloudera	SE	NTT	LX
CloudFerro sp z o.o.	PL	OpenNebula Systems	ES
CSI	IT	OSISM	DE
DE-CIX	DE	Proximus	BE, LX
EBRC	LX	ThreeFold Tech	BE
elmec	FR	TietoEVRY	SE, NO, FI
Engineering	IT	TOP-IX	IT
Fabasoft	DE	T-Systems	DE
Gaia-X AISBL	BE	United Group	NL
IONOS SE	DE	VMware	DE
International Dataspaces	DE	Gaia-X Netherland Hub	NL



Published in Catalogues









Validated
Self Descriptions in the
Organization Credential Manager









Gaia-X **Compliance**

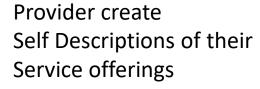
Transparency & Trust

Gaia-X Compliance Process & Services







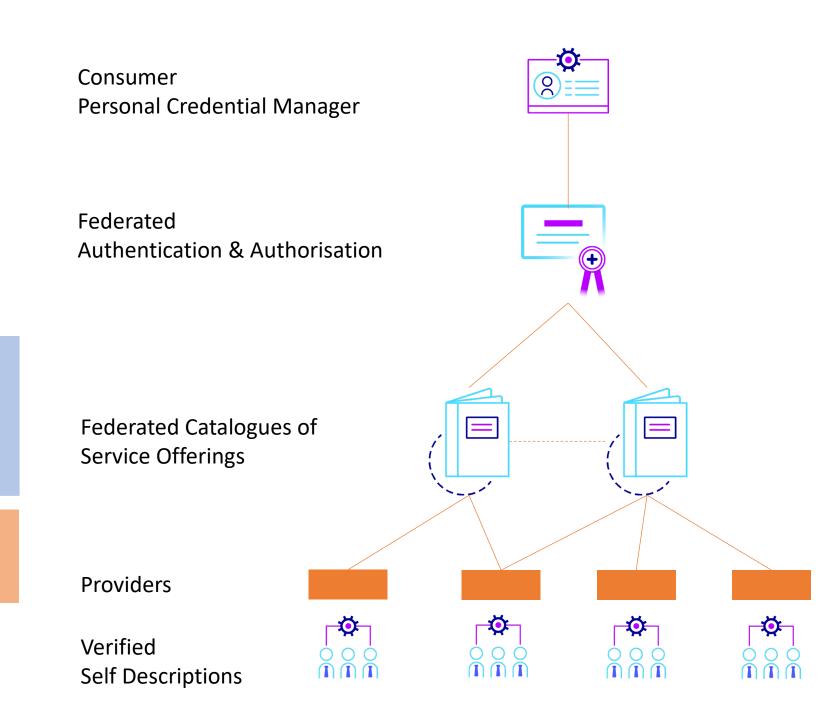








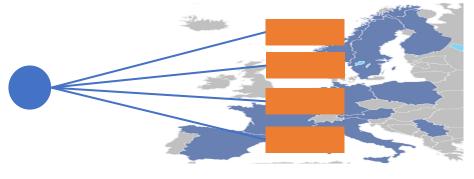




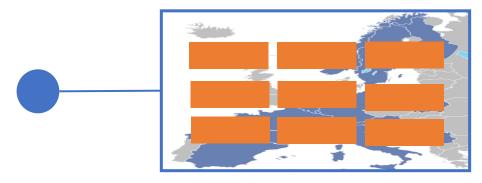
Gaia-X **Federation**

Integrated Access, Catalogues

Portability



Develop once, Deploy to compliant & conformant Infrastructure



Deploy to a **managed PaaS distributed** over multiple Structura-X CSP including management of the **Interconnectivity**



Virtual CSP supported by distributed nodes



(e.g. PaaS, Distributed K8s, Data Space Middleware...)

Geographic Reach, Scalability, Interoperability

Gaia-X Compliance

Transparency & Trust

Gaia-X
Federation
Integrated Access,
Catalogues

Portability

Alignment on Portfolio

-

(e.g. PaaS, Distributed K8s, Data Space Middleware...)

Geographic Reach, Scalability, Interoperability Alignment on commercial and delivery model

_

(common SLA, common charging, commercial simplification)

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Leverage e.g. IPCEI-CIS

Customer Experience

Positioning Structura-X







1.1













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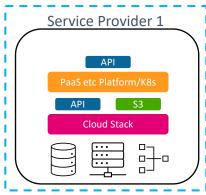


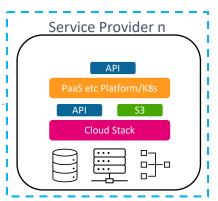


Gaia-X compliant infrastructure providers

Others

Structura-X





Hyper Scalers

Federation of European Gaia-X Compliant Service Providers

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Chapter 1: Business Impact. Where do we go from here?

Key Conclusions

Francesco Bonfiglio CEO Gaia-X

Lunch Break



See you back at 13:20 CET

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Chapter 2.1: Lighthouse Business Case Scenario Parallel Sessions A:

Chapter 2.2: Partners Business Case Scenarios Parallel Session A

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13:20 - 13:50



Chapter 2.1: Lighthouse Business Case Scenario Parallel Sessions B

Chapter 2.2: Partners Business Case Scenarios Parallel Session B

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13:50 - 14:20

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Chapter 3: Hub Constellation, National & Member State Priorities



Member States Priorities and the role of Digital and the support of Governments to Gaia-X

Moderators:

Alberto Palomo, Governmental Advisory Board of Gaia-X, State Secretariat for Digitalisation and Artificial Intelligence/CDOSpanish Government Francesco Bonfiglio, CEO Gaia-X Vassilia Orfanou, CMO Gaia-X

Chapter 3: Hub Constellation, National & Member State Priorities



Member States Priorities and the role of Digital and the support of Governments to Gaia-X

Panelists:

Carme Artigas, Secretary of State for Digitalization and Artificial Intelligence Government of Spain

Nena Dokuzov, Head of Project Group for New Economy and Blockchain Technologies - Ministry of Economic Development and Technology, UNECE expert and Head of Delegation for Slovenia

Michaela Krskova, CIO, Government Office of the Slovak Republic

Ernst Stoeckl-Pukall, Head of Division Digitisation, Industrie 4.0, Federal Ministry for Economic Affairs and Energy, Germany

Tito Carlos Vieira, Board Member, AMA - Agency for Administrative Modernization, Portugal **Sjoerd Boot**, Lead for the Digital Infrastructure Logistics, Ministry of Infrastructure and Water management, The Netherlands

Mosnik Lisbeth, Dep. Head of Department, Austrian Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology

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Chapter 3: Hub Constellation, National & Member State Priorities



Gaia-X Regional Hubs - Panel Discussion

Moderators:

Jelle Hoedemaekers, Expert ICT Standardisation, Agoria
Peter Kraemer, Coordinator at Gaia-X Hub Germany, acatech

Panelists:

Pablo Coca, Gaia-X Hub Spain representative, COO, CTIC Centro Tecnologico

Marine De Sury, Coordinator Gaia-X French Hub
 Anssi Komulainen, Coordinator of Finnish Gaia-X Hub, Project Manager, Sitra
 Helmut Leopold, Coordinator of Austrian Gaia-X Hub, Head of Center, AIT Austrian Institute of Technology

Martina Maláková, Coordinator, Slovakian Gaia-X Hub Peter Verkoulen, Coordinator of Dutch Gaia-X Hub, TNO

Coffee Break



See you back at 16:30 CET

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Chapter 4: Institutional Views



Gaia-X Political/Institutional Angle

Thomas Courbe, Director General Directorate-General for enterprise

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Chapter 4: Institutional Views



Gaia-X Political/Institutional Angle

Thomas Skordas, Deputy Director-GeneralDG CONNECT, European Commission

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Wrap-up of Day 2: Thank you very much for your attendance and support!