



# Summary for the 15th GIO Roundtable

April, 2025



# Brief review and snapshots

- **Date & Time:** 9:00-13:00(CET), March 4
- **Theme:** New Opportunities and Challenges of Data Industry in the Intelligent Era

## Barcelona

## Beijing



Activity	Topic	Speaker	Organization	Time (CET)
Opening	Introducing new faces	Martin Creaner	WBBA	09:00–09:10
	Opening speech	William Xu	GIO Chair	09:10–09:15
Interpretation of regional data strategies (horizontal view)	Development trends of data spaces in China	Dong Liu	China Future Internet Engineering Center (CFIEC)	09:15–09:30
	Data spaces and AI in the European Data Union	Boris Otto	Data Spaces Support Centre (DSSC)	09:30–09:45
	Toward global data spaces	Noboru Koshizuka	The University of Tokyo	09:45–10:00
Industry data + AI strategies (vertical view)	AI and data related work in ETSI	Issam Toufik	ETSI	10:00–10:15
	Data spaces radar: Current state, opportunities, and challenges for the development of data spaces at the global level	Lars Nagel	IDSA	10:15–10:30
	Progress and prospect of AIIA's work on promoting AI dataset construction	Kai Wei	AIIA	10:30–10:45
Coffee break				10:45–11:05
Experience and opportunities in data industry practices	Key data-development issues – International Manufacturing-X and DPP	Dominik Rohrmus	LNI 4.0	11:05–11:20
	Status quo, trends, challenges, and practices of China's automotive data industry in the digital and intelligent era	Runqing Guo	China Automotive Technology & Research Center (CATARC)	11:20–11:35
	AI in cardiovascular medicine and hypertension: Opportunities and challenges	George Stergiou	International Society of Hypertension	11:35–11:50
Open discussion	1. How to jointly build data interoperability standards to unlock data value across regions and industries? 2. How can we promote global organizations to jointly build cross-border data flow facilities?	All	All	11:50–12:50
Ending	Summary and closing remarks	Martin Creaner	WBBA	12:50–13:00

# Snapshots



# Participants for the 15th GIO

- A total of **51 guests**(37 guests, 14 companions) from **37 industry organizations** attended the roundtable;
- Among them, there were **14 new faces**.

## Barcelona, 19 guests, 8 companions

Location	Organization	Name	Position
Barcelona	5G-MAG	Jordi J. Gimenez	Head of Technology
	5GAA	Maxime Flament	CTO
	5GSA	Luigi Licciardi	Chairman
	6G Forum	Chang Kyung Hi	Chairman
	CCSA	Ku Wen	Chairman
	ETSI	Issam Toufik	CTO
	Gaia-X	Ulrich Ahle	CEO
	International Society of Hypertension	George Stergiou	President
	IDSA	Lars Nagel	CEO
	ITS	Yan Xu	Director of the Board
	LNI 4.0	Dominik Rohrmus	CTO
	NetworldEurope	Rui Luis Aguiar	Chairman of the Steering Committee
	OW2	Pierre-Yves GIEBLO	CEO
	Platform Industrie 4.0	Juergen Grotepass	Expert
	The OpenWallet Foundation	Daniel Goldscheider	Founder and Executive Director
	The Eclipse Foundation	Mike Milinkovich	Executive Director
	WAA	Tao Yang	Secretary-General
	WBBA	Martin Creaner	总干事
Internet Society of China	Wei Pei	Vice Secretary-General	

## Beijing, 10 guests, 6 companions

Words in red: New faces

Location	Organization	Name	Position
Beijing	GIO	William Xu	Founder & Chair
	5GDNA	Zemin Yang	Chairman
	AIIA	Kai Wei	Leader of the overall group
	CHINA INFO 100	Yan Zhu	Member of the Executive Committee
	CESA	Jing Duo	Executive Secretary
	Fraunhofer	Xiaolong Ma	Chief Representative of Fraunhofer Beijing Office
	SAC/TC 124	Yanling Zhao	Director of Network Control Center
	EuropElectro/ZVEI	Ling Xu	Head of EuropElectro/ZVEI's China office
	China Future Internet Engineering Center	Dong Liu	Director
	CATARC	Runqing Guo	General Manager of CATARC Lingang Data Technology Co., Ltd.







## Online, 8 guests

Location	Organization	Name	Position
Online	The University of Tokyo	Noboru Koshizuka	Professor
	Data Spaces Support Centre(DSSC)	Boris Otto	Project Coordinator
	ERTICO-ITS Europe	Joost Vantomme	CEO
	ECC	Dong Li	Vice Secretary-General
	IVI	Yasuyuki Nishioka	President
	IVI	Nobuyuki Ogura	Chair for Reference Architecture Task Force
	ITS Finland	Marko Forsblom	CEO
	UK 5G/6G IC	Bernard Hunt	Program Manager

# Multi participating organizations

\* As of March 2025

- All **CXO** level
- **80+** industry organizations
- **17** of which participated in 50% or more GIO activities

Intelligence ICT Infrastructure		Cross-industry Alliance		Vertical Application		Governance & Policy	Open Source	Ecosystem/ Business Model
 7	 2	 14	 9	 7	 4	 15	 2	 1
 5	 15	 11	 5	 8	 4	 3	 5	 5
 2	 14	 8	 10	 1	 3	 4	 1	 1
 6	 1	 2		 1	 3	 1	 1	 2
 1	 1	 8	 8	 8	 2	 1	 1	 2
 13	 5	 1		 2	 9	 1	 7	
				 5	 1	 15	 3	
				 12	 1	 5	 13	
				 5	 3	 1	 1	
				 1	 1			

# Expert view

## Opening Remarks



**William Xu,**  
**GIO Founder & Chair**

GIO is an open and collaborative communication platform that aims to promote the exchange of ideas and industry progress. **The data-centric theme of the 15th GIO Roundtable has been opportune, given that data flow, application, and value creation have all become hot topics in many industries.** This is especially true in terms of cross-country and cross-industry data flows and the standardization of data interconnection and interoperation. Today, **the shortage of high-value, industry-specific data has become a major challenge to foundation models.** Over the next two to three years, we must keep thinking about how to contribute high-value data, enable data flows, and apply such data in each industry to drive industry progress. The GIO serves as the ideal platform for our work in this regard.

# Expert view

## Keynote speech



**Dong Liu,**  
China Future Internet Engineering Center

### *“Development trends of data spaces in China”*

China's data-spaces industry has a promising future. Data spaces are the bedrock for building high-quality datasets and foundation models in industries. Therefore, **the construction of open, inclusive, interconnected, and interoperable data spaces will accelerate the process of market-based data operations and value creation,** promote an international consensus on data spaces, and lay the groundwork for global data collaboration.



**Noboru Koshizuka,**  
The University of Tokyo

### *“Toward global data spaces”*

**We are now heading to the realization of the data spaces in Japan.** DATA-EX is the project in Data Society Alliance (DSA) to realize cross-domain data exchange. In the University of Tokyo, two projects have been established which are IDSA Japan Hub and International Testbed of Dataspaces Technology. The University of Tokyo is also developing the Data Space Body of Knowledge (DSBOK) to align with the body of knowledge developed in IDSA, Malaysia and Japan. **Common body of knowledge is the ultimate goal.** AI is very important for data spaces since AI technology is progressing very much now. **In the near future, I think the architecture for data spaces is AI plus data spaces.**



**Boris Otto,**  
Data Spaces Support Centre (DSSC)

### *“Data spaces and AI in the European Data Union”*

The European Strategy for data is basically the framework of action which is the current one and is also probably guiding the way for the future in Europe. Data spaces are an essential tool in the implementation of this. **The European Union focuses on not only putting a legal, regulatory framework into place but also facilitating thriving innovation from data.** To seize and capture the value of the data, we need to put into place an infrastructure that allows us to **share the data and jointly use it in a trustworthy environment.** It has been said that **"Data Travels at the Speed of Trust"**.

### *“AI and data related work in ETSI”*

As a transformative technology, AI will impact basically the way we live, the way we work, and the way we bring efficiency to our industries. **AI standards are necessary.** AI is present in many technical committees in ETSI, such as TC SAI, TC INT, TC eHealth and TC MTS. **Data is the lifeblood of AI.** Building upon the data networks that lasted for decades, **ETSI kicked off TC Data in January 2025, to look at specific problems, approaches, and technologies related to data and that are relevant to data.** We will have a lot of collaborative initiatives with the open source to progress in this sphere.



**Issam Toufik, ETSI**

# Expert view

## Keynote speech



Lars Nagel, IDSA

### *“Data spaces radar: Current state, opportunities, and challenges for the development of data spaces at the global level”*

IDSA is the only international organization about data spaces. **Using usage conditions to data sets, enabling data lineage, sharing data and computing data with one framework between countries and domains is our ambition.** The challenge ahead is to find the smallest common denominator, one mechanism to share data between all these different economic areas.



Kai Wei, AIIA

### *“Progress and prospect of AIIA's work on promoting AI dataset construction”*

According to research conducted by AIIA, **industry participants already have considerable facilitating conditions in place to can help overcome data shortages.** For example, they can activate data that is currently idle, develop synthetic data, and promote precise data labeling. **AIIA has set up both a dedicated data committee and a data labeling committee.** The core purpose of this is to create synergy in the industry, work with governmental and academic institutions, and promote data supply from different perspectives. We also hope to work more closely with Chinese enterprises through the GIO, and extend our efforts beyond Asia to work with European enterprises and develop high-quality datasets to support the development of the AI industry.

# Expert view

## Keynote speech



**Dominik Rohrmus, LNI 4.0**

### *“Key data-development issues – International Manufacturing-X and DPP”*

International Manufacturing-X (IM-X) works jointly to foster that only aligned industry standards for international industrial data exchange are used. **This ensures international interoperability and trustworthiness. IM-X approaches this in a federated manner.**



**George Stergiou,  
International Society of Hypertension**

### *“AI in cardiovascular medicine and hypertension: Opportunities and challenges”*

AI has arrived at the healthcare setting to offer a helping hand to physicians who often suffer from burnout. Accumulating evidence suggests that implementing AI tools might result in more accurate, efficient, and cost-effective care. **Strong regulatory oversight of AI in healthcare is necessary, to ensure data accuracy, transparency, and explainability, and that only safe and effective AI technologies are used, which can be trusted by physicians and patients.**

# Expert view

## Keynote speech



Runqing Guo, CATARC

### *“Status quo, trends, challenges, and practices of China's automotive data industry in the digital and intelligent era”*

The automotive industry is currently undergoing a critical period of digital and intelligent transformation. The digital and intelligent evolution of carmakers, intelligent transformation of vehicles, and assetization of data are all gaining speed. As a third-party organization, CATARC established the Intelligent Connected New Energy Vehicle Data Industry Alliance under the authorization of the Ministry of Industry and Information Technology (MIIT) last year. This alliance has activated local platforms in major provinces and cities in China as well as major automakers in the industry, hoping to promote industry data sharing and data value mining. From the perspective of cross-border data transfer, different countries have different laws and regulations. We hope to establish an open organization similar to the GIO. We also welcome more multinational or EU enterprises to join us in building a trusted data space recognized by all parties, and discussing how to better share and collaborate on data internationally in terms of intelligent connected vehicles and new energy vehicles.

# Expert view

## Open Discussion



**Ulrich Ahle, Gaia-X**

Gaia-X is part of a global community, contributing especially the trust framework for data sharing. The idea of trustful data spaces has gained traction in many regions. **Differences in legislation pose challenges, but we seek a federated approach respecting regional laws.** Our goal is to solve business challenges for end-users needing global data access. **We focus on global alignments and sustainable business models for data spaces.** Gaia-X is actively working on this, and overall, we are on a promising path.



**Pierre Yves, OW2**

If we view on data as a production factor akin to capital, we should emphasize its impact and the need for caution due to capital-related inequality. **It is of great importance to highlight open source, open standards and open innovation at large.** Time is another crucial factor. **Data and AI are in their early stages. Regulation also needs time, balancing innovation with societal protection and acceptance.**

# Expert view

## Open Discussion



**Juergen Grotepass,  
Plattform Industrie 4.0**

We can see the first use cases coming up where the data are shared in future across regions, but not yet across industries. Here maybe is something we can see on the Hannover fair coming up called **skill-based or agent-by-based engineering methodologies**. This change or let's say a use case **bridging the gap between the different industry segments would be the next step**.



**Rui Luis Aguiar,  
NetworldEurope**

I agree we need to build things **but I don't necessarily agree that we have all the standards that are needed**. I'm concerned that some of the presentations are too conservative, overlooking the soon-to-be-pressing issue of AI use. The unknown purpose, value, and consequences of data provision are already problematic. I'm unsure how the data spaces world will address this challenge.

# Expert view

## Open Discussion



**Luigi Licciardi, 5GSA**

The **assessment of data is of great importance** and is also a key issue that standard organization certification and entities can play a significant role. **Because false and fake data can bring wrong decision and massive number of data is against sustainability.** We can put intelligence in the selection of data. One of the concerns that refers to the use of AI in general is the sustainability. Another area we have to work on is where the human expertise must be transferred much more than just processing data.



**Mike Milinkovich,  
The Eclipse Foundation**

In the Eclipse Data Space Working Group, the technical specifications that are being worked on are being done in an open, transparent, and royalty free manner. **We have enough standards to unlock data value across regions and industries and what we need to do is to build the business model.** The business models are always an evolutionary approach and we're not gonna figure out the them until we fail a bunch of times.

# Expert view

## Open Discussion



Yan Xu, ITS

From the industry perspective, there are two significant differences in data. **One is a cross-regional difference.** Obtaining a certain type of data may be legal in China, illegal in the EU, and context-dependent in the US. **The other is a time-related difference.** Privacy regulations released a long time ago may not be applicable in the context of AI or its applications. How can we manage these differences? **First, governments need to work together. Second, governments need to work with the industry.**



Yan Zhu, CHINA INFO 100

With regard to federated collaboration, there may be small data spaces within large data spaces. These spaces may have different legal conditions and technical standards. To enable industry development and digital transformation, **we need to think about how to collaborate across domains and countries to develop data spaces.** GIO and other international organizations should strengthen collaboration on the common issues facing the industry value chain and partners, like the social and political ramifications of data and AI. These issues involve collaboration, division of labor across the value chain, and mutual trust.

# Thank you!

