EU-JAPAN DIGITAL WEEK 2025

31 MARCH - 7 APRIL, 2025

TOKYO, JAPAN

THE EU-JAPAN DIGITAL WEEK IS ORGANISED AS PART OF THE EU-JAPAN DIGITAL PARTNERSHIP

Role of iHub Base (and more in Japan) for nurturing trusted data exchange

Yasunori Mochizuki

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About iHub Base

https://en.ihubbase.jp/

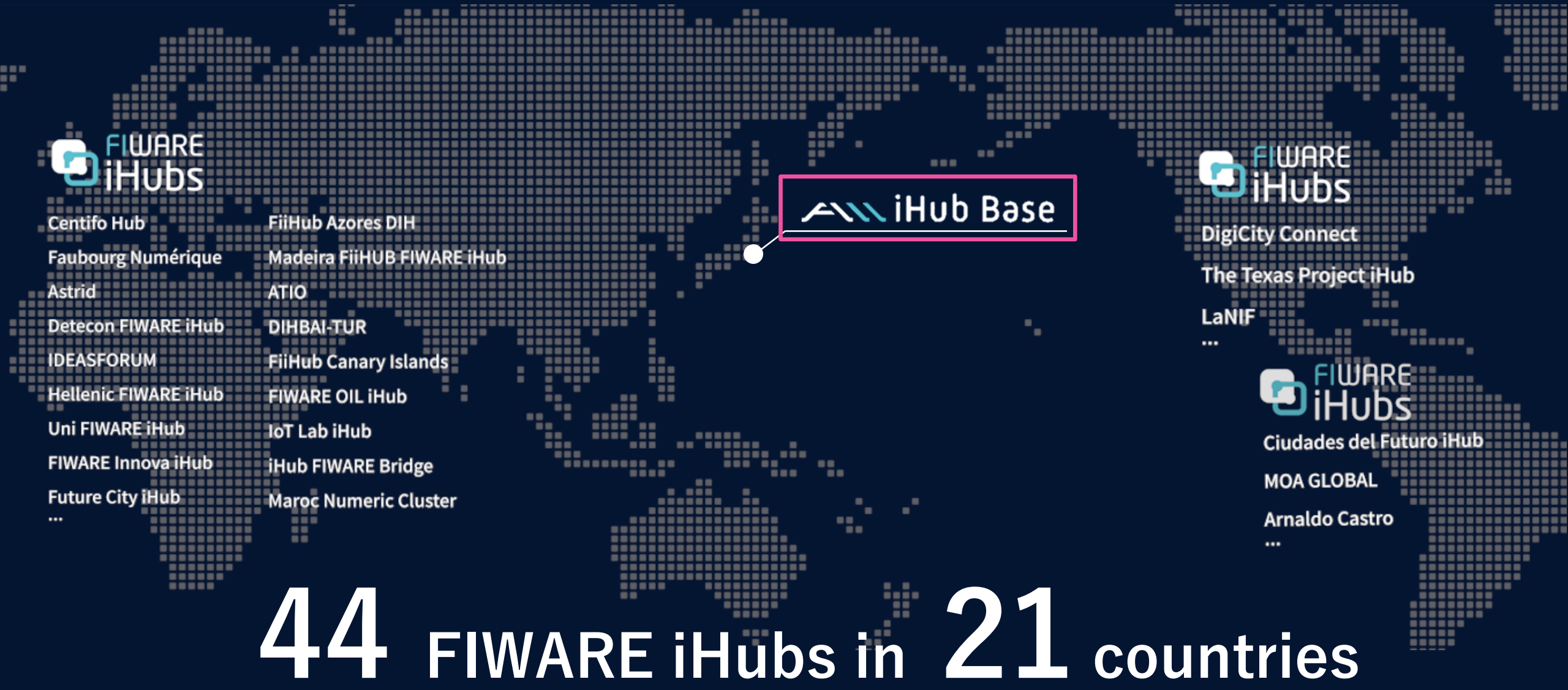
- Activities, since May 2022

FIWARE Training	Workshop	Community	Global Marketing

- Focuses on Smart Cities in Japan

Our FIWARE iHub Network

※2023年2月時点の情報を一部のみ記載



44 FIWARE iHubs in 21 countries

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iHub Base activities — Japan-wide reach

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Regional Data Utilization Workshop in Sapporo

- System Thinking,
  Design Thinking,
  and FIWARE

March 2024

In collaboration Prof. Seiko Shirasaka, Keio University

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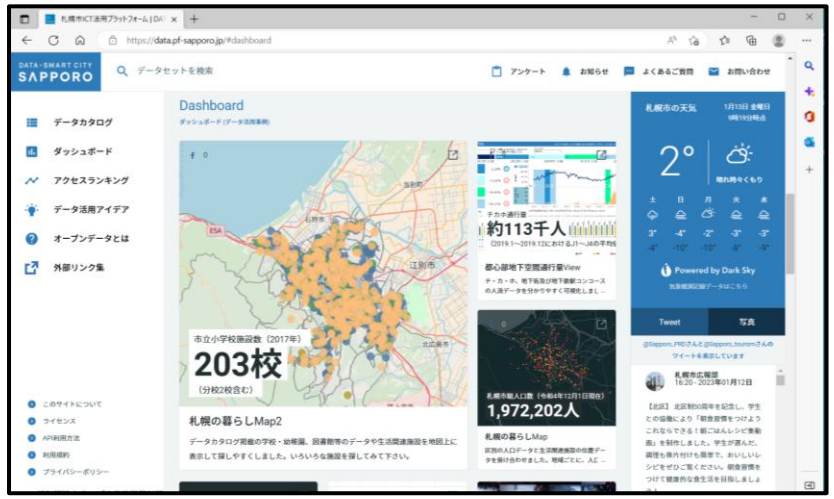
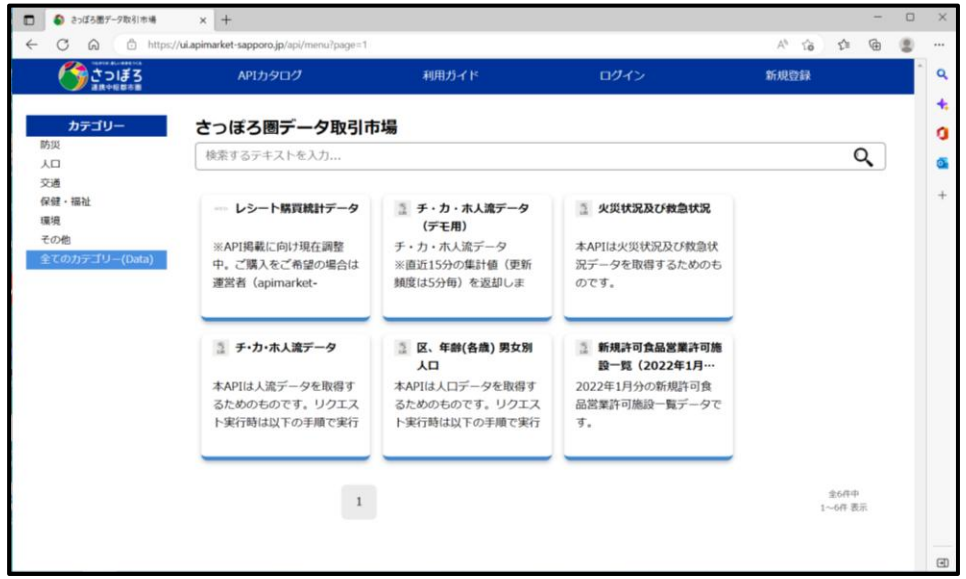
From Open Data to Data Trading Market @Sapporo City

- First-of-a-Kind initiative led by Japanese local government -

Open Data by Sapporo city government



Sapporo Area Data Trading Market



Priced data from companies

Launched in December 2022

FIWARE

- City of Sapporo
- Sapporo Electronics ＆Industries Cultivation Foundation
- Sapporo Innovation Lab

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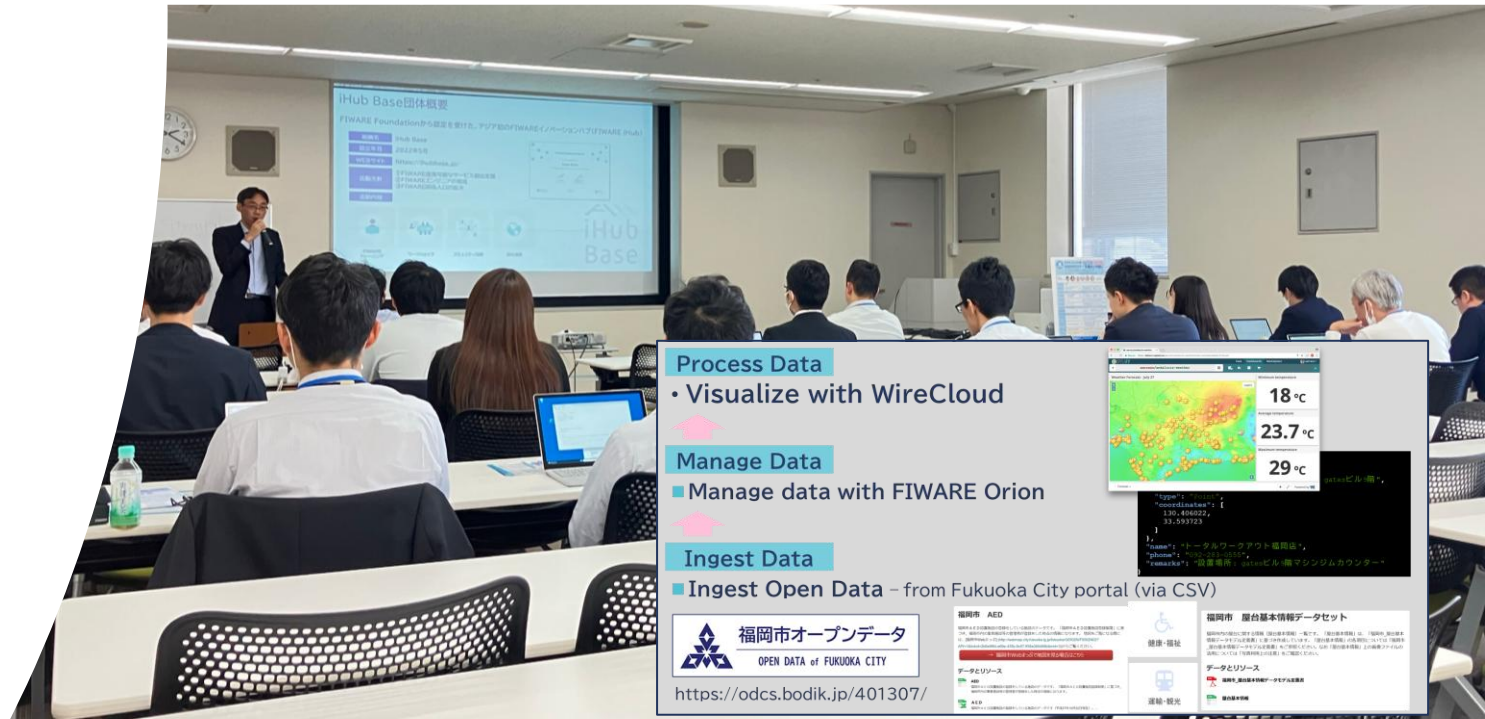
ISIT in Kushu/Fukuoka

Institute of Systems, Information Technologies and Nanotechnologies

BODIK Seminar

November 2024



ISIT operates

“BODIK”

(BigData & OpenData Initiative in Kyushu)

- Open data platform used by **300+** local governments（Launched in 2013）

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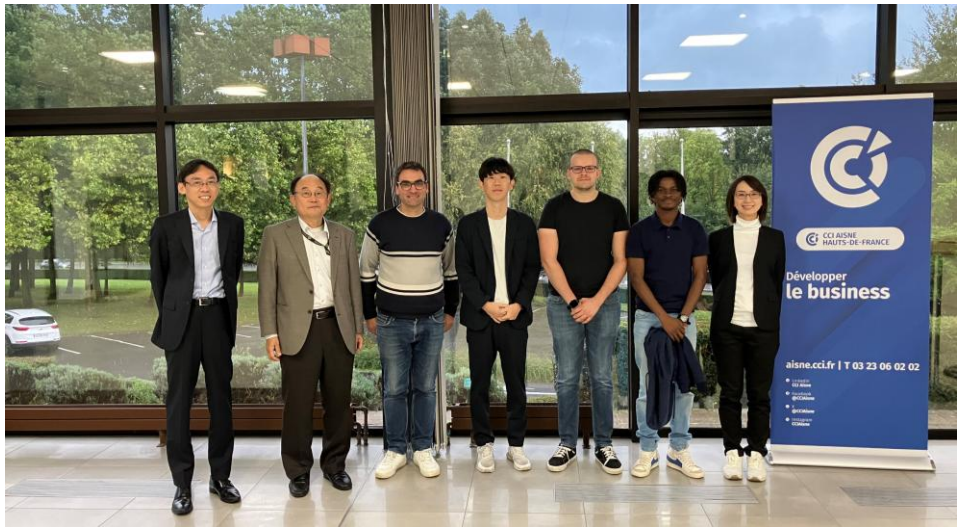
Global FIWARE iHub s network ⇒ Policy consultation to government

FIWARE Global Summit
September 2024, Naples, Italy



iHub site visits

- MediHub (Naples, Italy)
- Faubourg Numérique (Saint-Quentin, France)

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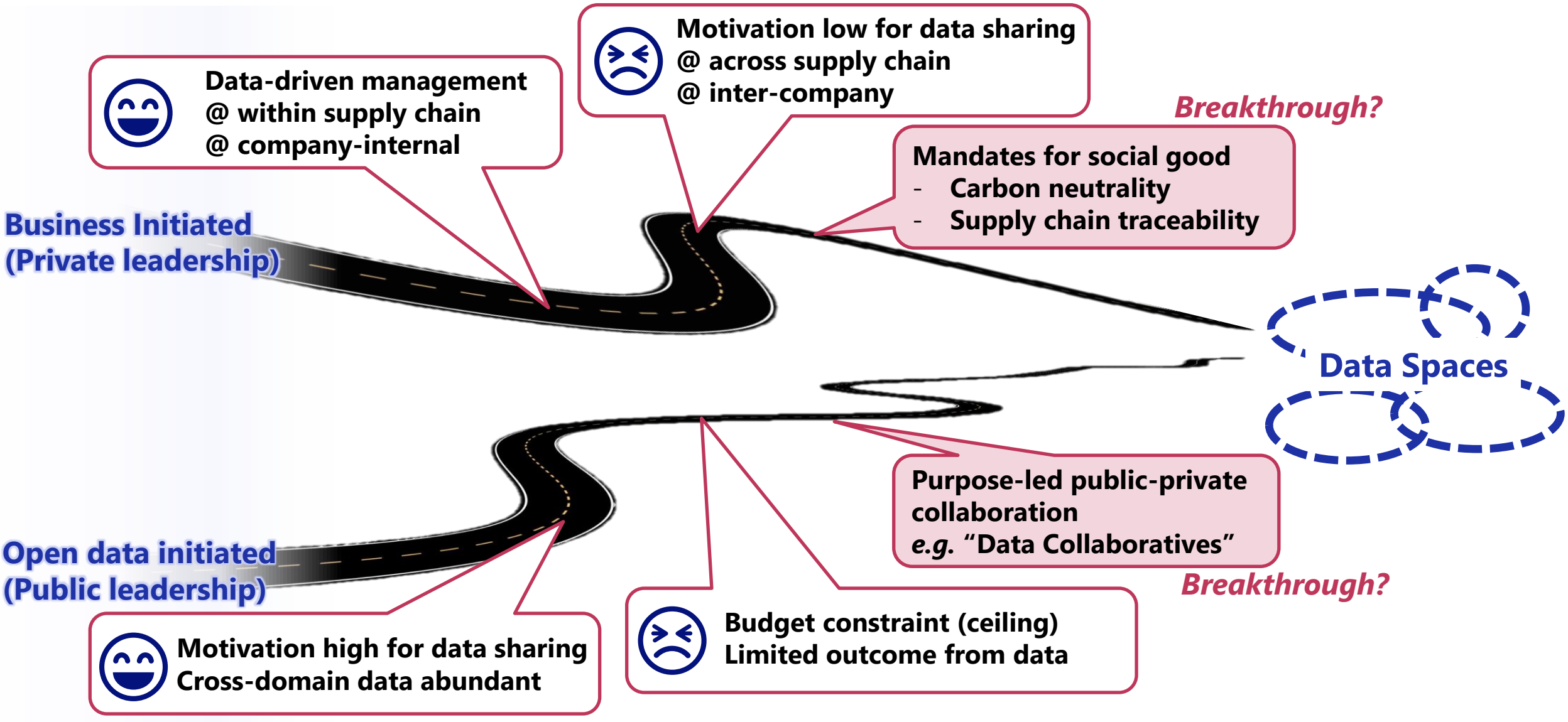
Data Ecosystem Journey



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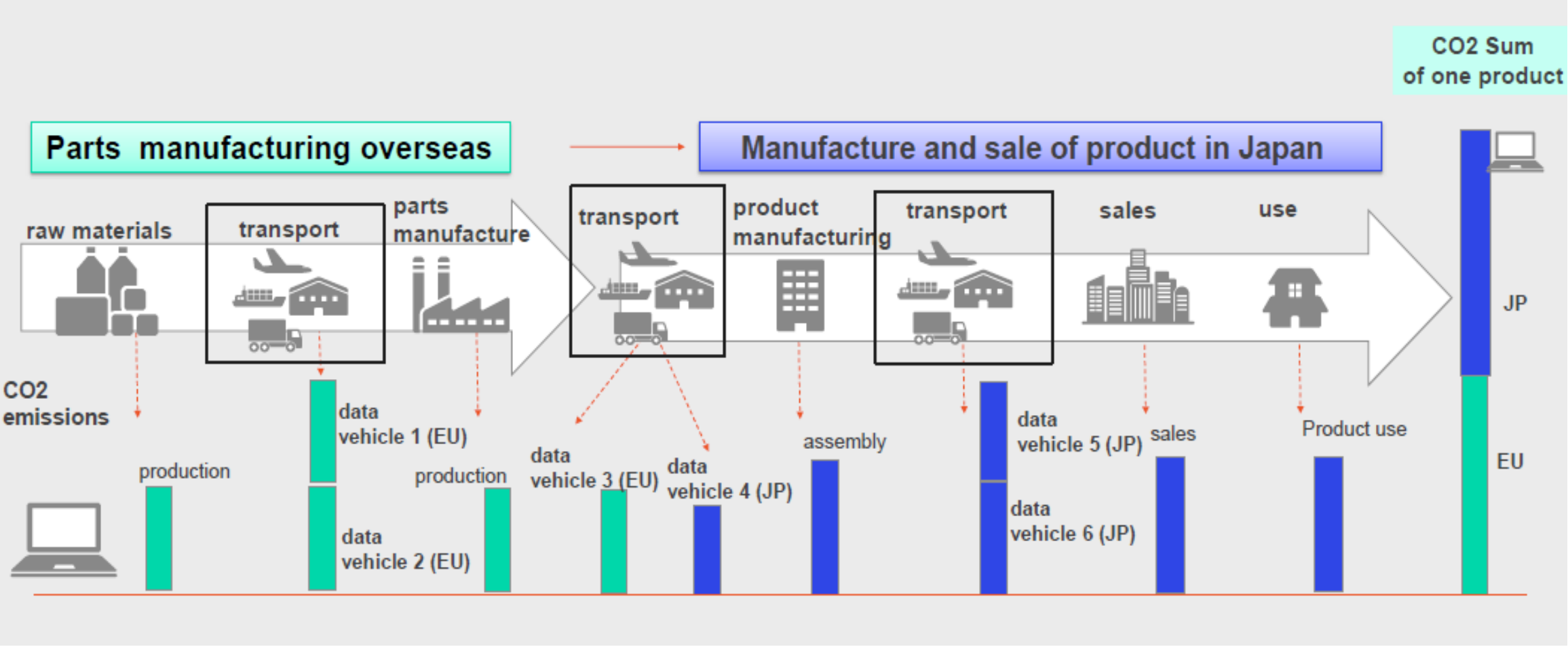
Data Space Bridging Pilot between Japan and EU

Carbon Management in an International Supply Chain



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Overview and Architecture of Japan-EU Pilot

Overview

- Two independent Data Spaces
- One Aggregator for Carbon Calculation

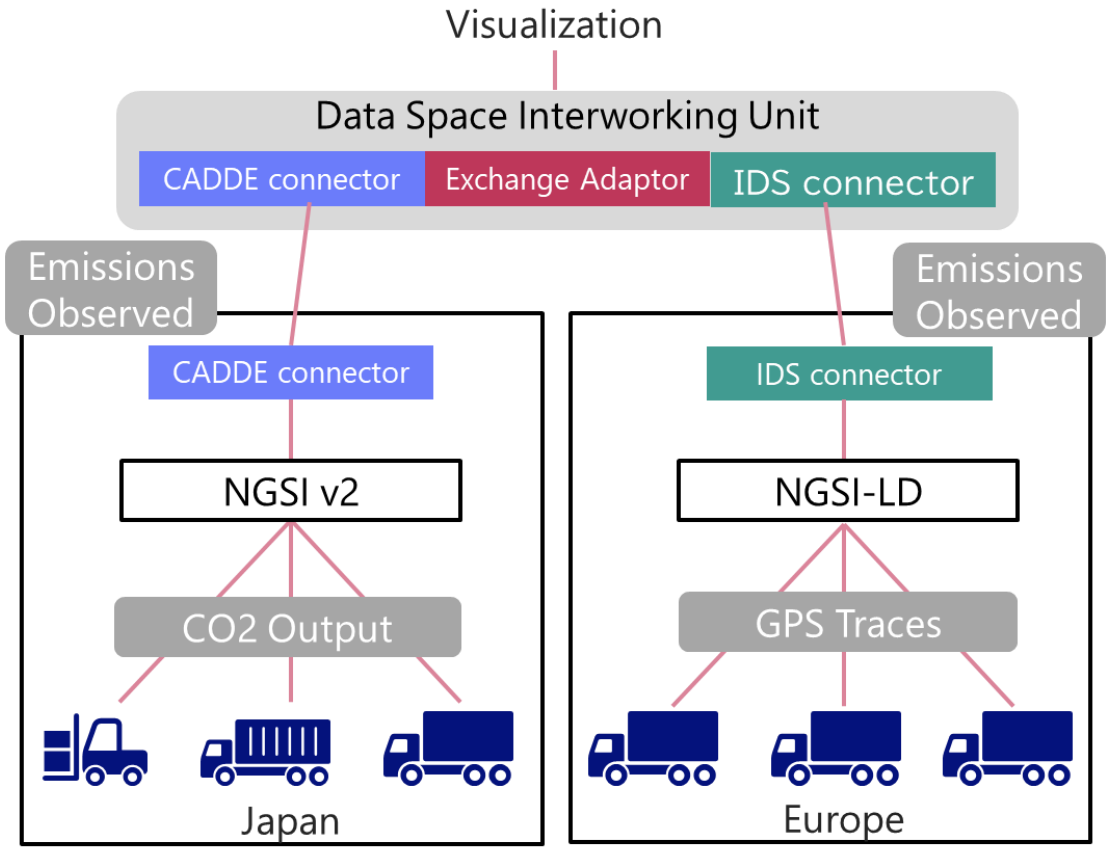
Europe

- Technology: FIWARE (NGSI-LD) + IDSA
- Trust Sources: European Trust Framework

Japan

- FIWARE (NGSI-v2) + CADDE
- Trust Sources: Japanese Trust Framework

--- Trust harmonization yet to be developed !



The work was supported by Council for Science, Technology and Innovation, “Cross-ministerial Strategic Innovation Promotion Program (SIP), Big-data and AI-enabled Cyberspace Technologies”. (funding agency: NEDO)

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CO2 Visualization in Green x Digital Consortium (JEITA)

JEITA: Japan Electronics and Information Technology Industries Association

169 members @2024

- manufacturing
- power, gas
- logistics
- wholesale
- retail
- ICT
- financial, insurance
- construction
- real estate
- consulting

Launched in October 2021

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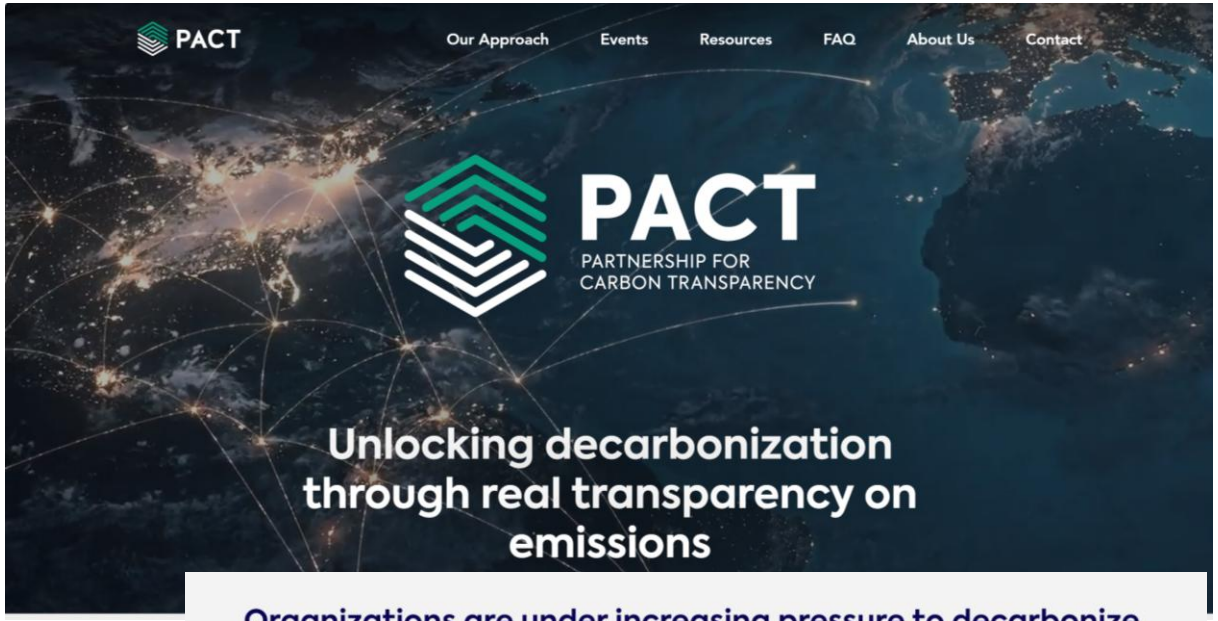
GDC's International Collaboration with PACT

World Business Council for Sustainable Development



Organizations are under increasing pressure to decarbonize, but struggle to create transparency on emissions across their value chains (Scope 3). The Partnership for Carbon Transparency (PACT) is resolving this challenge by developing the global methodological and technological infrastructure needed for product-level emission accounting and exchange. The Pathfinders PACT is putting in place will empower organizations to tackle and reduce emissions at the scale needed.

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The evolution of Agentic AI

2025

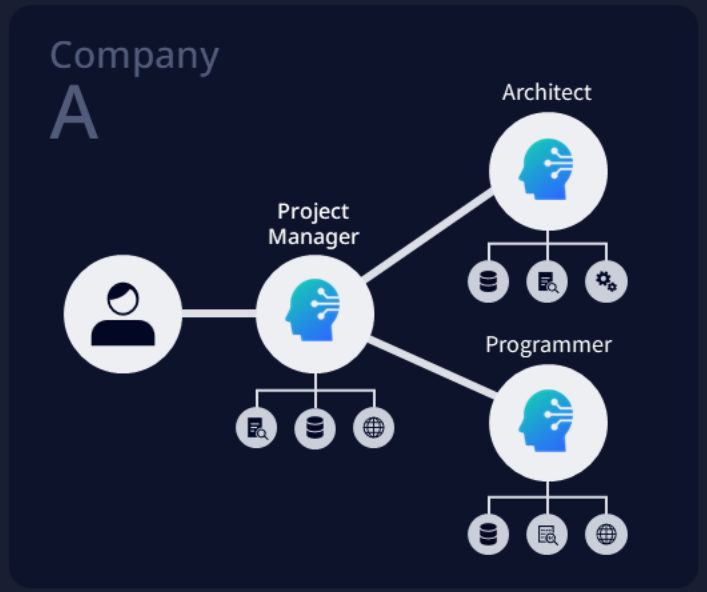
Agentic AI as

a tool

~2028

Agentic AI as

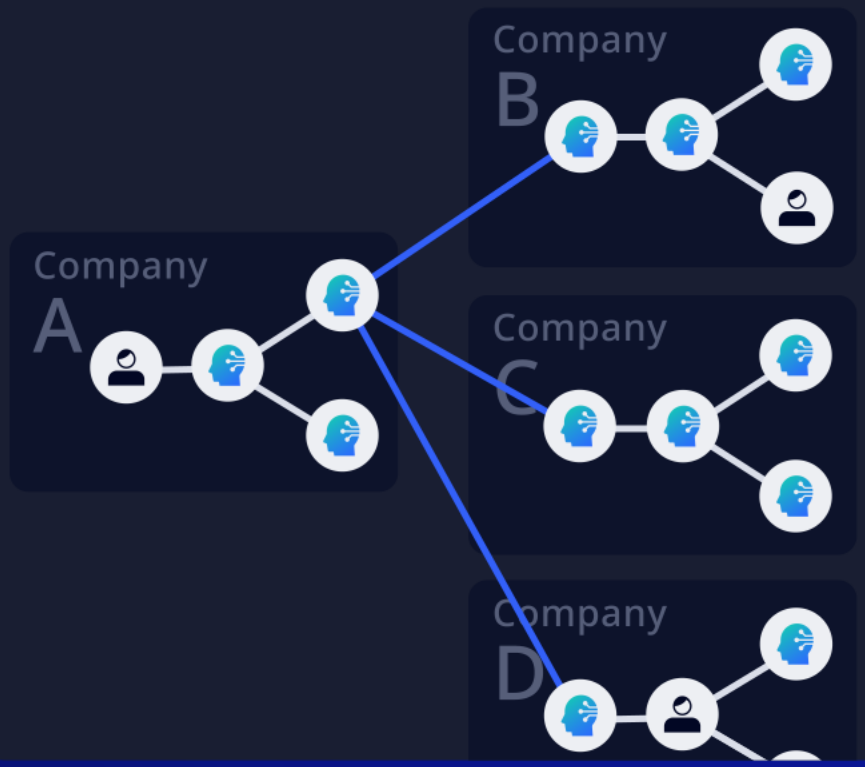
a partner



2028~

Agentic AIs as

economic actors



Established in 2021

33 industrial members

Overview of Automated Negotiation

Automated negotiation is the adjustment and negotiation of various adjustments conducted not by people, but by AI.

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Agentic AIs as **economic actors**

THANK YOU FOR YOUR ATTENTION!

The EU-Japan Digital Week is an initiative under the EU-Japan Digital Partnership and is supported by the following projects and organisations

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ASPIRE 先端国際共同研究推進事業
Adopting Sustainable Partnerships for Innovative Research Ecosystem

BDV BIG DATA VALUE ASSOCIATION

DATA SPACES SUPPORT CENTRE

INPACE
Indo-Pacific-European Hub for Digital Partnerships

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