Mobilization for participation in European dataspaces

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Odette value and benefits

Odette (International & Sweden) were formed 1984 and developed the first EDI format, which later was used as a model by UN/CEFACT, when developing EDIFACT.

This was the first step in digitization!

What is Odette and what do we deliver?

https://www.youtube.com/watch?v=L43KWprd-b4

Odette value and benefits

"Digitalization and standardizations is two sides of a coin and if digitalization is difficult to acheive, standardization is even more difficult to acheive since there's so many partners in the game and each one has its own interest".

Jürgen Maidl
Senior Vice President Production Network
Supply Chain Management
BMW Group

Odette – A summary

- ❑ Pan-European collaboration, networking and services platform for the entire automotive supply chain.

- ❑ Industry driven, impartial, not-for-profit organisation which responds to the needs of users in all areas of the automotive supply chain by seeking consensus solutions to a range of challenges

- ❑ Brings together supply chain professionals and technology experts to:
    - – create standards
    - – develop best practice recommendations
    - – provide tools and services
    - – Push digitalization forward
- ❑ Which support:
    - – logistics management
    - – digital communications
    - – engineering data exchange

- ❑ Odette Sweden is a 100% subsidiary to BIL Sweden

Odette's main focus is to support our members to handle their global challenges

❑ Globalization

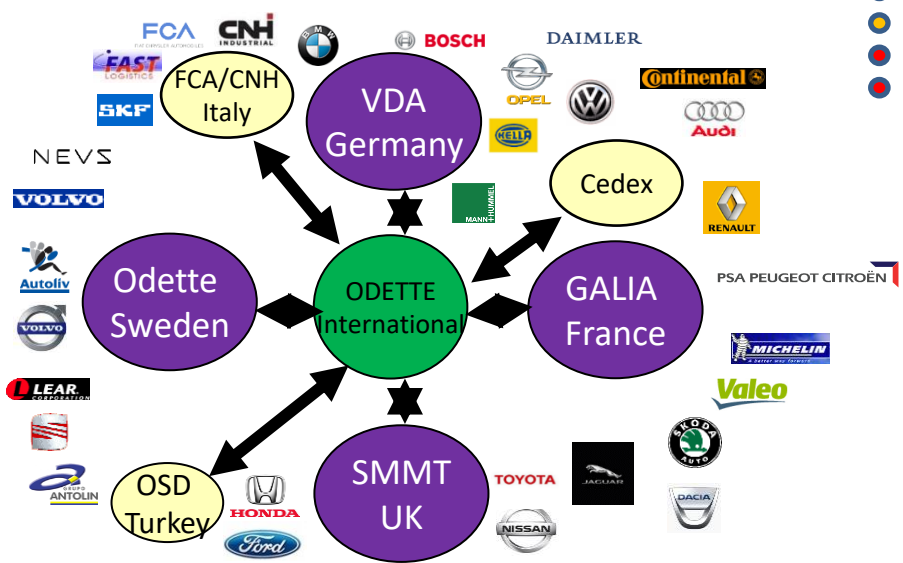❑ Digital transformation

❑ Sustainability

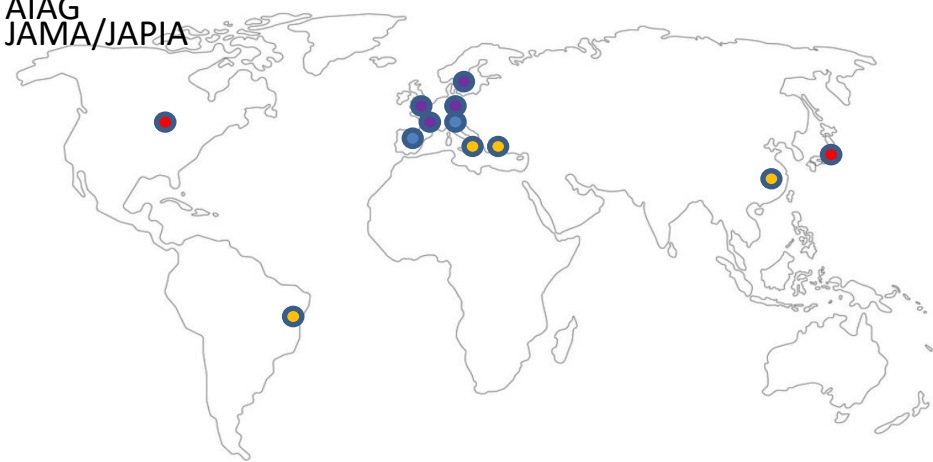# Odette International main focus supports our members to handle their global challenges

❑ **ViDA/ DRR** (e-invoicing and VAT reporting (real-time)

❑ **PPWR –** Packaging & Packaging Waste Regulation

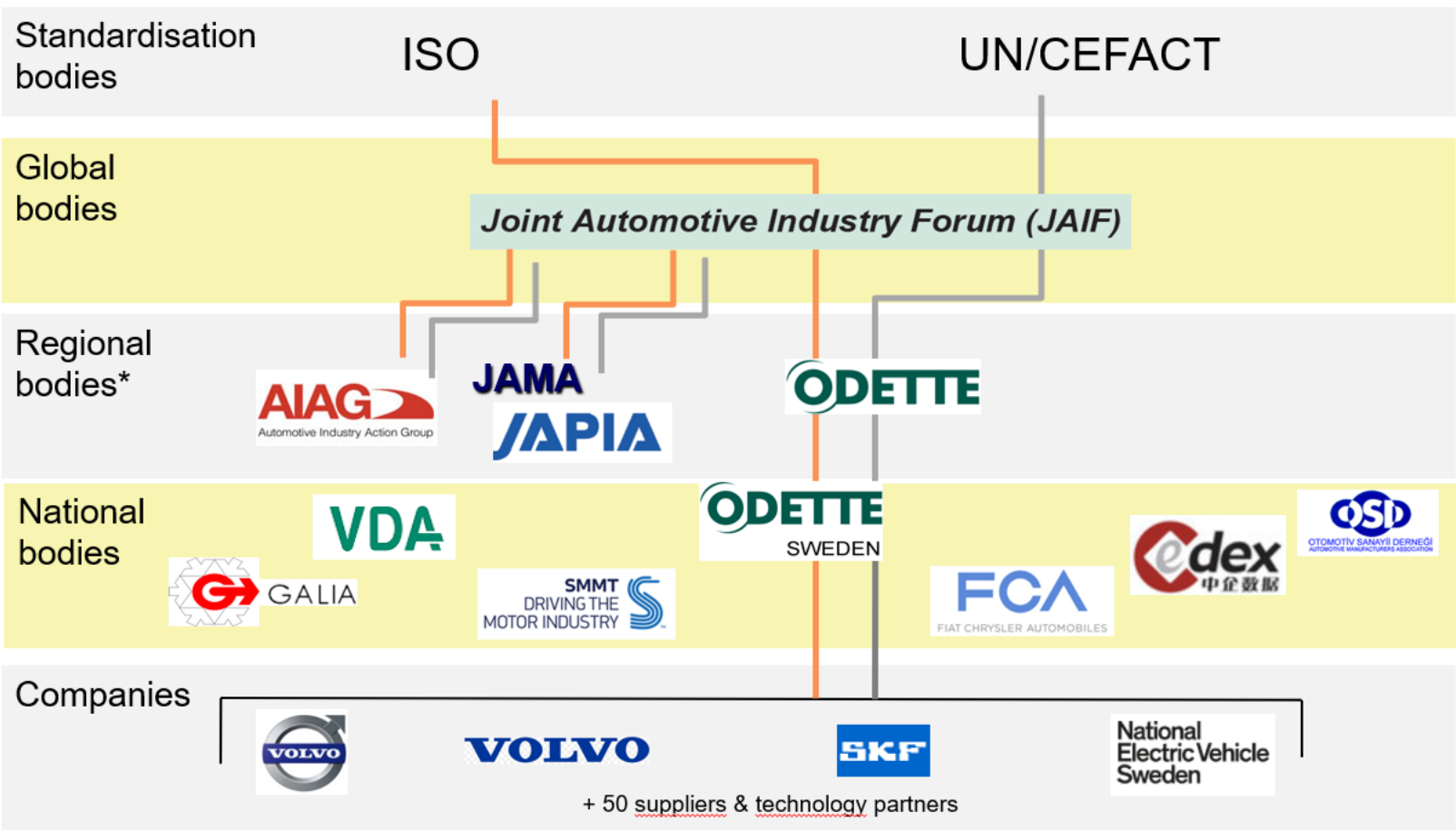❑ **eFTI –** (electronic Freight Transport Information, paperless transport)

International reach

- Full members
- Associated partners
- AIAG
- JAMA/JAPIA

ODETTE

Standardisation bodies	ISO	UN/CEFACT
Global bodies	*Joint Automotive Industry Forum (JAIF)*	
Regional bodies*	AIAG · JAMA · JAPIA	ODETTE
National bodies	VDA · GALIA · SMMT DRIVING THE MOTOR INDUSTRY	ODETTE SWEDEN · FCA FIAT CHRYSLER AUTOMOBILES · edex 中企数据 · OSD OTOMOTİV SANAYİİ DERNEĞİ AUTOMOTIVE MANUFACTURERS ASSOCIATION
Companies	VOLVO · VOLVO · SKF · National Electric Vehicle Sweden	

+ 50 suppliers & technology partners

— Logistics, Auto Id
— Format, semantics, syntax

NAF
Nätverk för Affärsutveckling

ODETTE

Odette introduction, working areas

Assessment Tools

- Global MMOG/LE
- Global Logistics Evaluation for Carriers and Logistics Service Providers

Key Performance Indicators

- KPIs for Global Materials Management and Logistics
- KPIs for Carriers and Logistics Service Providers
- Forecast Accuracy Measurement

Data Exchange

- EDI messaging
- EDI messaging support services
- OFTP2 File Transfer protocol

Applications

- Demand Capacity Planning
- Supply Chain Monitoring
- Vendor Managed Inventory
- Global Collaboratively Managed Inventory Min/Max

Packaging

- Container Management

General

- Global Materials Management and Logistics Agreement
- Guidelines for Reporting Freight Greenhouse Gas Emissions

Services

- OSCAR code issuing servicefor unique identification of companies or locations
- Odette as a Certification Authority (CA)
- Trust Bridge for listed CAs

Auto ID /RFID Transport Labelling

- Global Transport Label
- OTL1 Transport Label
- OTL3 Transport Label
- Aftermarket Label
- Traceability of Vehicle Components
- Unique Parts Identification
- RFID in Vehicle Distribution Processes
- RFID for Parts Marking
- RFID in Supply Chain Container Management

How Odette support transforming?

Traditional areas	New areas
EDI	Blockchain
Bar code labels	AI
RFID	IoT
Packaging material & handling	API integration (micro services)
Greenhouse gas reporting	Machine learning
Digitalization	Environmental footprint
Secure ID and communication	ISO related standardization
MMOG/LE supplier assessment	RTLS
OFTP – Odette File Transfer Prot.	EV specific issues

Upcoming Legislation

ESPR	PPWR	CSRD
Ecodesign for Sustainable Products Regulation	Packaging and Packaging waste regulation	Corporate sustainability reporting directive

EU Taxonmy	CSDDD	ELV
Taxonomy regulations for sustainable activities	Corporate sustainability due diligence directive	End of life vehicle directive

DPP	ViDA/TBR	Battery directive
Digital Product Passport	VAT in the digital age	EV battery regulation

Options: Do it yourself or in industry collaboration …

How is Odette transforming?

ODETTE SWEDEN **+** **Catena-X**

Catena-X Sweden

CO$_2$ / ESG MONITORING **PCF**

CIRCULAR ECONOMY

DEMAND / CAPACITY MGT.

ONLINE CONTROL / SIMULATION

MaaS MODULAR PRODUCTION

LIVE QUALITY LOOPS

BEHAVIOR DIGITAL TWIN

TRACEABILITY

FOUNDATION **Master data**

BUSINESS PARTNER MANAGEMENT

What is Catena-X?

Catena-X

Data modelling – Syntax & Semantic rules
Federation services (legal, EU & national)
Communication framework
Decentralized dataspace environment

Internationalization in progress:
Catena-X France established
Catena-X Sweden established (Nordic?)
AIAG (USA) negotiating MoU
JAMA/JAPIA (Japan) Negotiating MoU
CATARC (China) under lobbying

Catena-X from vision to practical solutions

- **PCF calculation model, aggregation of data and reporting ready to use.**

- **Quality management/digital twin, recall 10 cars instead of 1000's.**

- **BPN – Business Partner Number – unique and common identity on each legal entity.**

- **"Traceability" (supply chain due diligence), ready to use.**

- **Battery Passport – Aligned with commission and Global Battery Alliance**

- **DPP – Digital Product passort – during 2024**
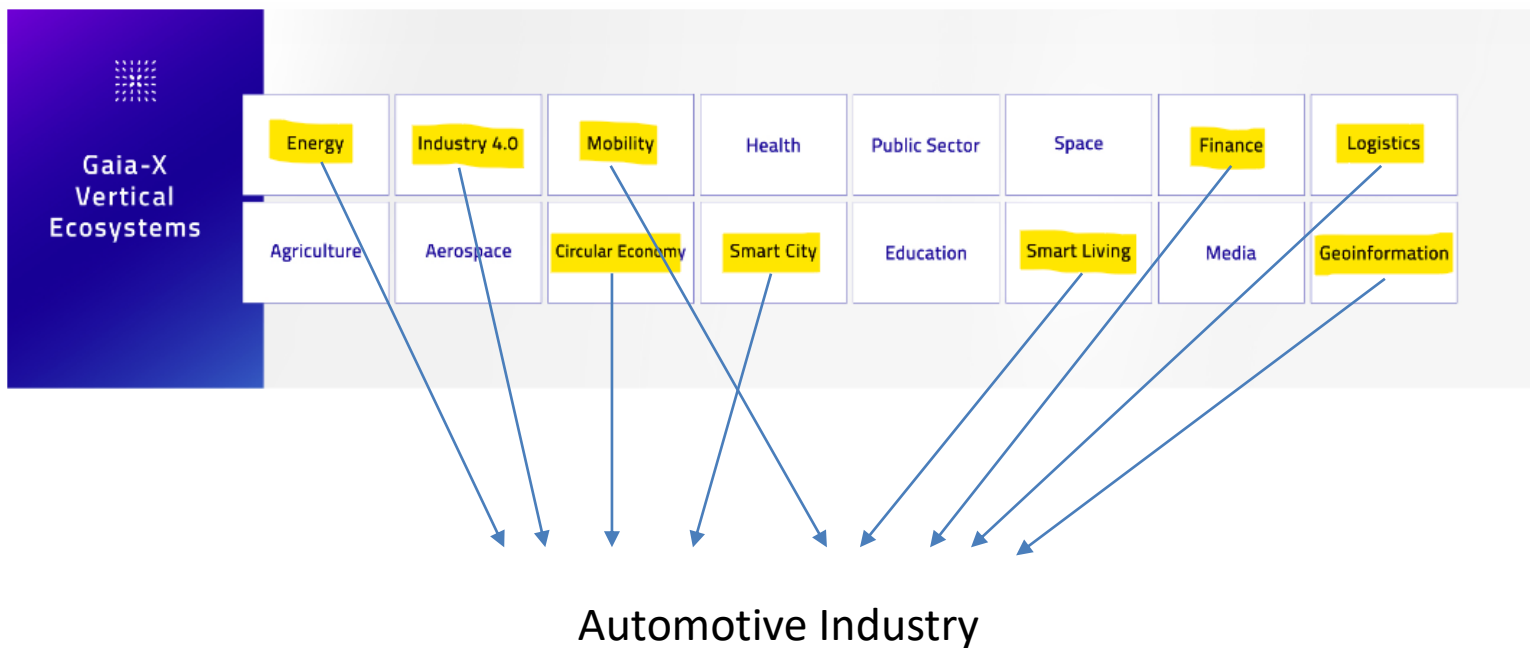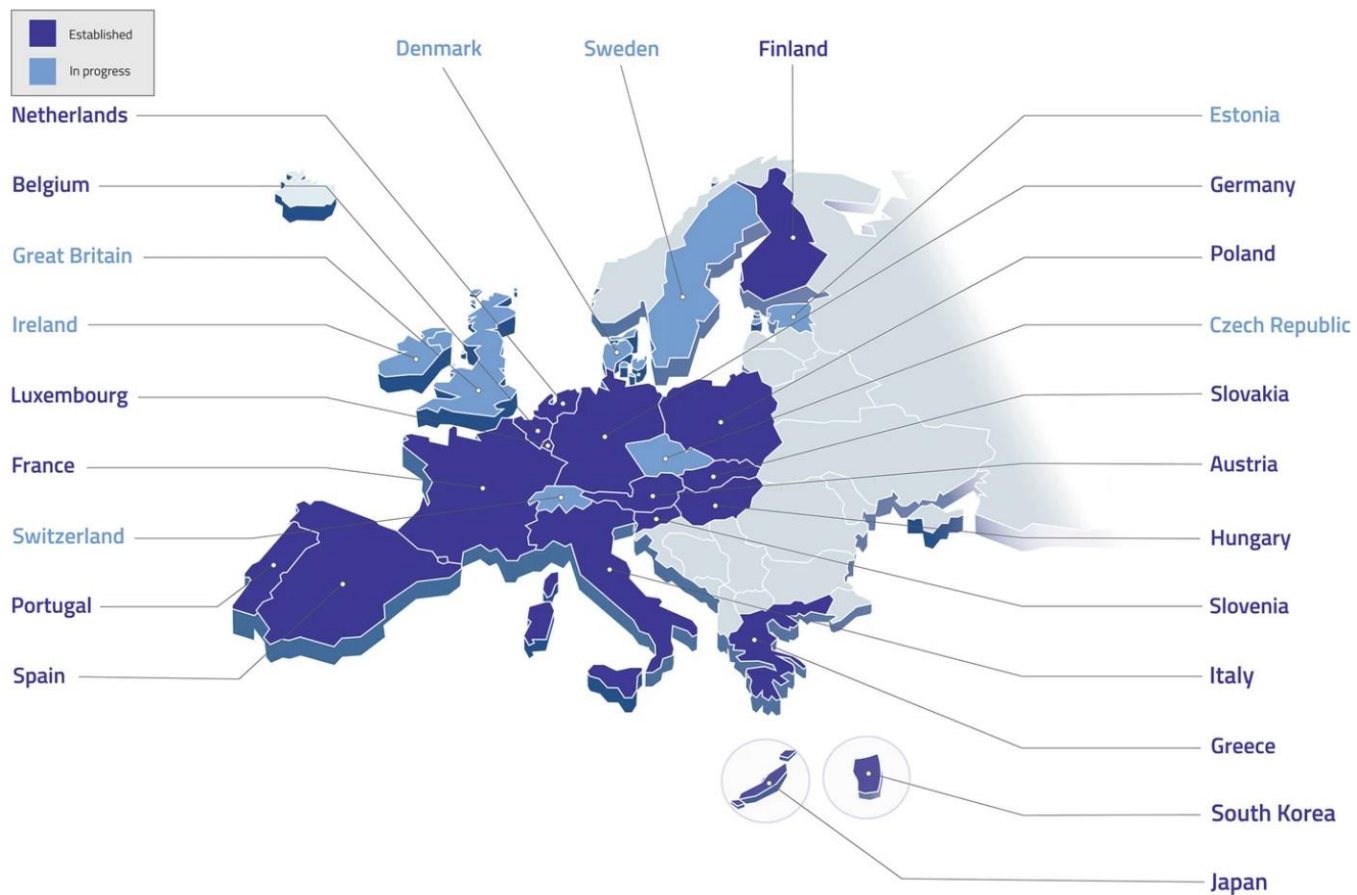
How is Odette transforming?

ODETTE SWEDEN   **+**   Catena-X

Catena-X Sweden

Cross Industry
Cross Society

gaia-x

Odette vs Catena-X vs Gaia-X

Automotive Industry

Gaia-X – Current situation

Gaia-X – What we need to do ...

- Government to grant support for Gaia-X
- Responsible ministry to participate in inauguration of the national hub
- To assign an organization (AISBL) to govern Gaia-X nationally (RISE?)
- To assign a government representative to the Gaia-X Governement Advisory Board

- Gaia-X CEO and central team prepared to discuss directly with govenment representative at any time.

Odette – Catena-X – Gaia-X

- **https://catena-x.net/en/**
- **https://catena-x.se/**
- **https://gaia-x.eu/**
- **https://www.odette.org/**

Q&A