# VINTURAS
## sharing progress

*Building trust and enabling collaboration between competitors*

*in the Finished Vehicle Supply chain*

ALICE ELUPEG webinar on Blockchain Applications for Logistics, March 25th 2021
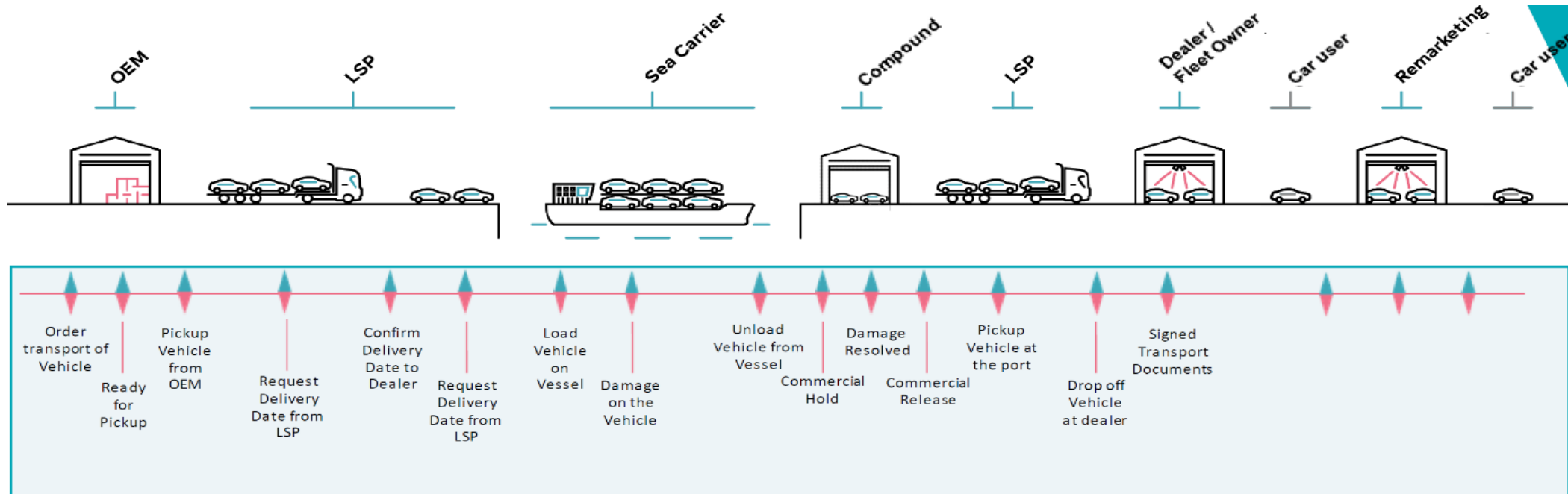
Gosling Mast, product owner at Vinturas

# Automotive industry

- Transformation of businessmodels, fierce competition

- Costpressure, disconnected, high value assets, costly mistakes, risk off fraud

- Platforms threaten to marginalize suppliers

- Limits to what you can do  (ego centric)
    → need for collaboration (eco centric)

Collaboration between  traditional and emerging partners in the automotive industry creates

opportunities for innovation, efficiency, and new business models.

# What is Vinturas



- Open, neutral automotive finished vehicle supply chain network

- For service buyers & providers

- Facilitates secure and confidential sharing and collaboration

- Improves transparency, auditability and trust

# Collaboration and trust (1)

## Sharing of data has challenges

- ✓ Who is able to see my data and can I track this
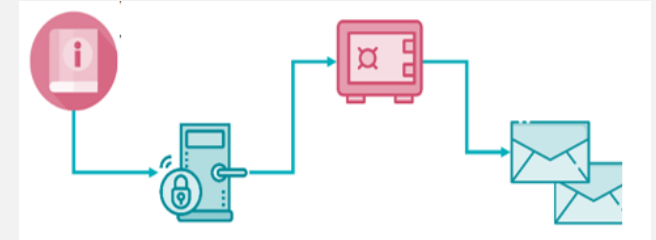
- ✓ Is my data protected

- ✓ Shared Ledger, is it confidential

- ✓ Can I trust the data

## Vinturas permissioned blockchain

- You descide

- Network reports back

- Transactions, documents encrypted

- Only recipients get the key

- Ledger is encrypted

- Tamperproof recording, auditlog for each dataset

# Collaboration and trust (2)

## Sharing of data has challenges

- Are you collecting my data

- Can you use my data

- What about business continuity

- What about standards (see next slide)

## Vinturas permissioned blockchain

- ✓ No, decentralized, <u>no central data base</u>

- ✓ No, we don't have access to your keys

- ✓ Stakeholders can have own nodes
  - ✓ Stakeowners are the network

# Standards

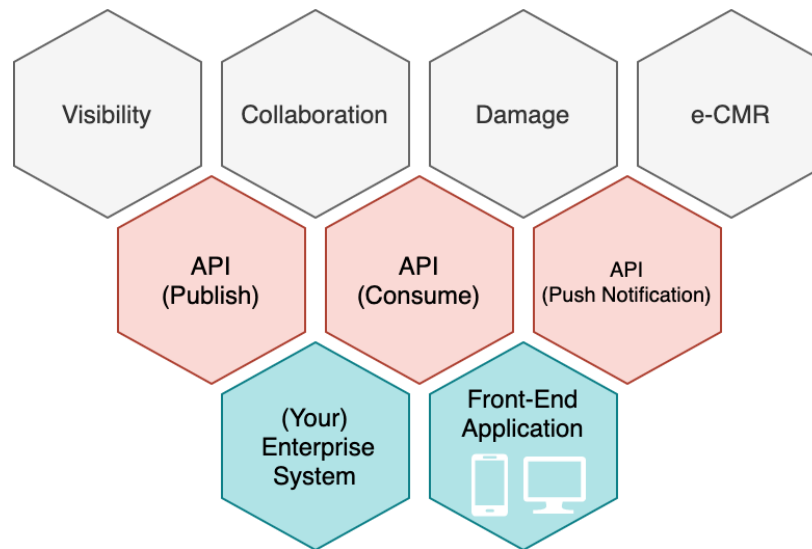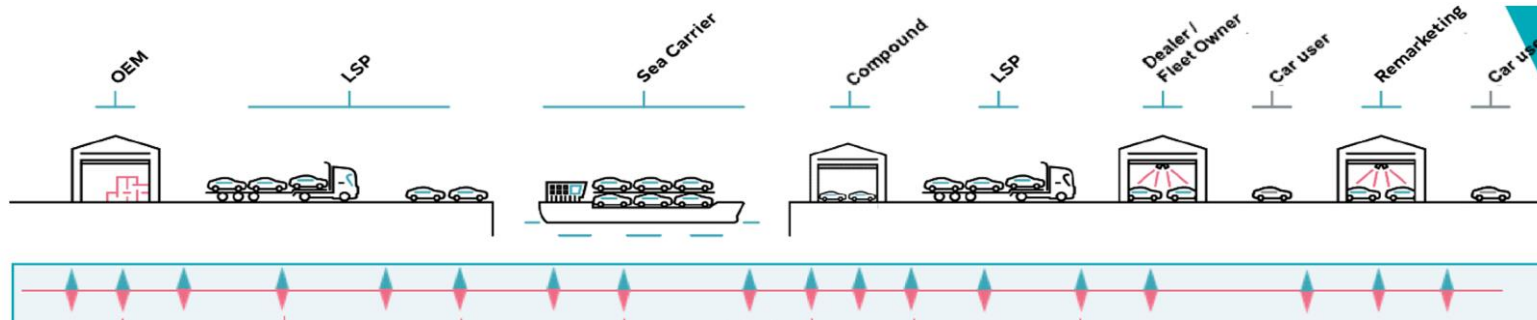- Speak the same language

- Act predictable

- Network of networks

## The basics

- AIAG-22/ECG standard for inspections
- Roadwaybill, UN/CEFACT eCMR

- Road Vehicles, ISO 3779/3780

- Aligned with GS1® Logistics Interoperability Model (LIM)

- Trade finance, ISO 20022

- Designed with current systems in mind

# Vinturas supports



## Supply chain functionality

| | |
|---|---|
| Business parties and business locations | Damage and claim settlement |
| Commercial events | eCMR |
| Consignment and ownership | AIAG/ECG (Transport) Inspection reports |
| Logistics + events | |
| Warehousing + events | A secure versioned document exchange supporting CMR, Invoice, Export Documents, Shipping Instructions , claims and more. |
| Shipments, ETA's | |
| Subcontracting | |

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# Learnings and value

- Undisputable data   drives transparency

- One interface, the power of eco systems

- Improve <u>together</u> & stay independent

  - Culture change

- Efficiency gains, simplification (internal, external)