

**ELUPEG Group Meeting on Wednesday 26th February 2020**

**“Emerging Digital Technologies in the Supply Chain”**

**Hosted by EY, IZD Tower, Wagramer Straße 19, 1220 Vienna, Austria**



## **Welcome and Introductions**

Professor Alan Waller, Chairman ELUPEG, opened the meeting by welcoming everyone and thanking Jordi Jove, LKW Water, for sponsoring an excellent dinner on the previous evening in a typically Austrian restaurant.

He described how ELUPEG’s mission is to improve European supply chain in terms of cost, sustainability and business practice. ELUPEG promotes collaboration and its main role is to act as a neutral trustee in collaborative projects between companies. Our meetings are not conferences but information sharing and interactive sessions. The ELUPEG code of conduct is ‘no selling’ *but it may happen* and do not knock the competition. He also mentioned that we are completely inclusive and we operate open and frank discussions but do not divulge confidences therefore respect confidentiality.

ELUPEG is a ‘not-for-profit’ organization. The Management Board runs ELUPEG on a voluntary basis because they believe in it.

## Four Excellent Presentations Followed

### Blockchain Initiative Logistics – Digitalizing Freight Documents Presented by Michael Schramm, Head of Blockchain Competence Centre GSA, Ernst & Young

Freight documents are paper based today which can lead to lack of quality, potential for fraud, late proof of delivery, no access to data for relevant stakeholders and non-transparent transportations. DB Schenker and LKW Walter together with GS1 have started an initiative EY Management Consulting to create a decentralized Blockchain based system for digitalizing freight documents.



data  
led by

See the full presentation here

<http://www.elupeg.com/wp-content/uploads/2020/04/Blockchain-Initiative-Logistics-Michael-Schramm.pdf>

### The Estimated Time of Arrival (ETA) provides a forecast of the arrival of shipments. How can VEROO improve the visibility processes using ETA prediction for shippers and carriers?



See the full presentation here

<http://www.elupeg.com/wp-content/uploads/2020/04/Estimated-Time-of-Arrival-Jean-Arnaud-Feb-2020.pdf>

### “Green Logistics needs Digitalisation”

#### Presented by Gerald Gregori, Vice President BVL, (Austrian Logistics Organisation)

The European Green Deal; Austria’s plan to be climate neutral by 2040 and many other programs. The main targets to fight climate change are set. The transport sector as one of the main CO2 sources will get challenging reduction targets.

Digitalisation will be one of the key elements to optimise processes and structures and to achieve improvements/savings – possibly another interesting application for blockchain technology?



See the full presentation here

<http://www.elupeg.com/wp-content/uploads/2020/04/Green-Logistics-needs-standards-BVL-Gregori.pdf>

### "Transparent and paperless supply chains"

#### Presented by Erik Rikken, Business innovation Manager, DELIVER Project, Samsung SDS

Due to travel restrictions because of Covid 19 this presentation was done by skype

See the fill presentation here

<http://www.elupeg.com/wp-content/uploads/2020/04/DELIVER-Project-Samsung-SDS-Feb-2020.pdf>

# BREAK OUT SESSIONS

## Group 1

**BLOCKCHAIN** initiatives help organizations to become more efficient and understand their supply chain and engage customers and consumer with real, verifiable and immutable data.

Transparency builds trust by capturing secure key data points, such as certifications and claims, and then provides open access to this data publicly. How can I join a blockchain initiative?

### Benefits of Joining

- Less data input – enter it only once
- Less room for incorrect data and standardisation
- Better reporting and analysis
- Allows transparency of data between those who are sharing
- Real time data – one source of truth
- Traceability and compliance
- Complexity of change is low

### Disadvantages of Joining

- Do not want to share data
- Cost of change including training, possible redundancy, transition of resources
- Many do not like change

The drivers of this would be regulation and economic benefit through time saving, less time loss and lower costs.

## Group 2

**VEROO** is a data driven **VISIBILITY** performance enabler. An algorithm is based on experience, know-how and mass of real-time data. The Estimated Time of Arrival (ETA) is a summary of 50 key factors including real-time traffic, loading and unloading. The technical solutions are there – but do we have the right mind set in our organisations to effectively use visibility? How can an organisation work on their process to outperform in the industry using visibility as sustainable competitive advantage?

A group discussion took place and this is the key outputs

### Carriers – issues

- Loath to share data
- More resistant not less
- LSPs co-load customers (and don't want shippers to know)
- Often subcontract
- Carriers would like to be able to rate shipper facilities in terms of what increases their costs

### Possible Solutions

- Independent data source
- Visionary carriers develop case histories
- Single fleet
- Shield/filter data
- Automated track and trace

### Shippers – issues

- Generally welcome more visibility
- Not aware they make life difficult for carriers
- Often unaware of sub-contracting
- Unreliable ETAs
- Missing slot times – early or late
- What would all this visibility do for me?
- Measurement

### Possible Solutions

- Total visibility including sub-contracting
- Improved productivity in the warehouse
- Improvement in customer service
- Advise before advised
- Automate track and trace

## Round up and Closing Remarks from Professor Alan Waller, ELUPEG Chairman

Great meeting with excellent presentations and lively discussion – thank you very much to all the speakers. If you would like any more information on the projects that ELUPEG has been and is currently involved in please go to the projects page on our website or the blog <http://www.elupeg.com/projects/> Offers of hosting a future meeting will be welcomed and please send any suggestions for topics and speakers for future meetings to Caren.