

# We move mountains



# Ciao, I am Andrea Condotta and today I will speak as

**Gruber Logistics** as PA and Innovation Director

**ALICE** as Vice Chair

### The same commitment since 1936



**GRUBER Logistics Family Board**: Michael, Martin and Christian Gruber



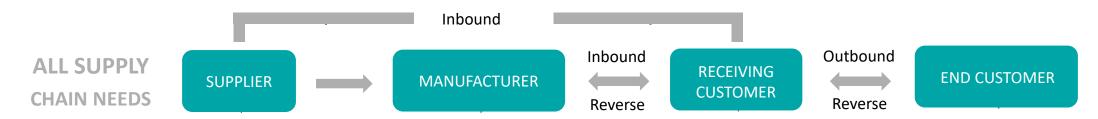
**GRUBER Logistics Managing Directors:**Marcello Corazzola, Martin Gruber, Marco Manfredini

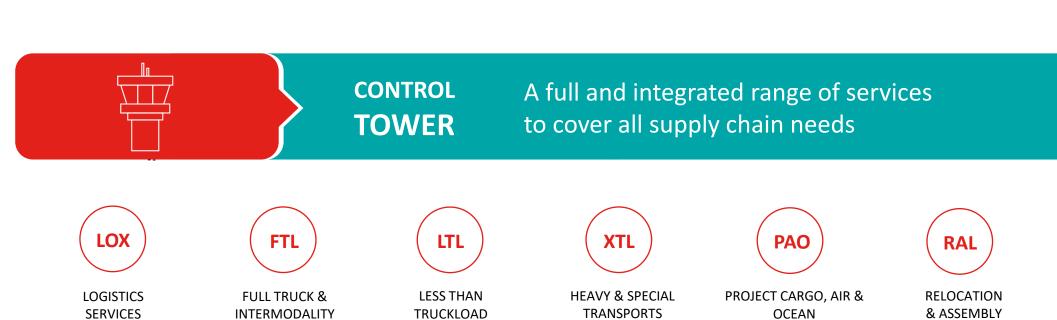


# A story of new challenges and improvements

From a simple transport provider to a digital transport & logistics company

**SERVICE INTEGRATION** 







ALICE is an association of leading logistics innovation companies.

ALICE gathers over 190 members and over 700 experts from companies, research organisations, and public bodies across Europe. Members engage in thematic groups, contribute and participate in EU projects, and co-develop strategic roadmaps.

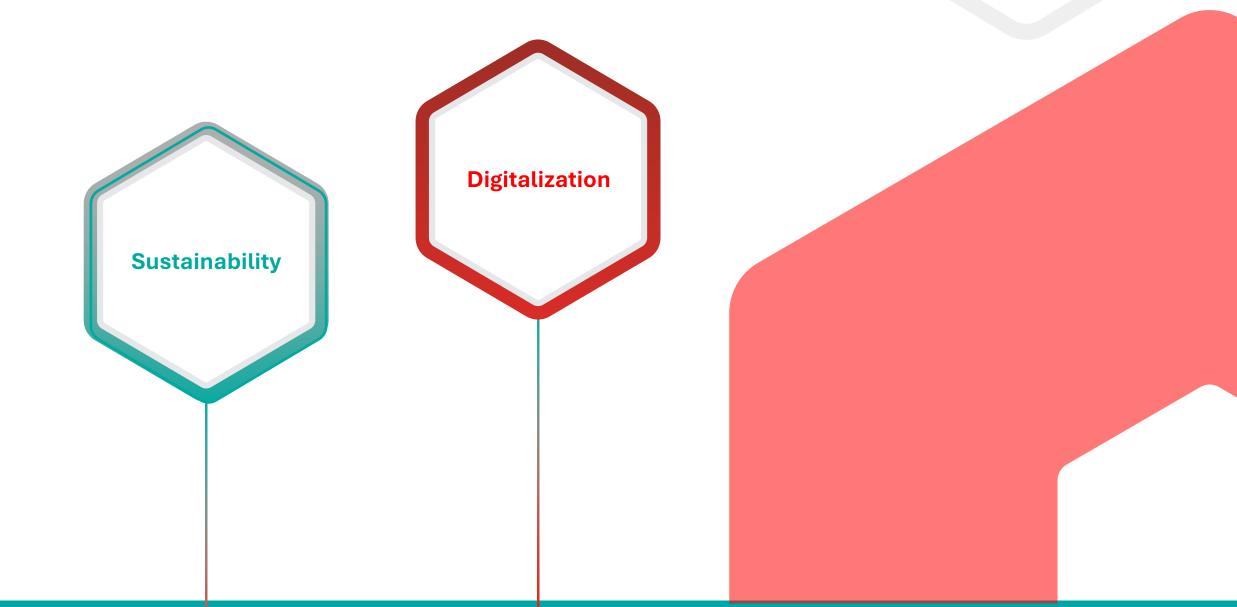
We connect companies, research centres, and policymakers to develop innovations for zero-emission, automated, efficient, agile, resilient and circular supply chains inspired by the Physical Internet.

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### Focus areas With ALICE our members: **5 THEMATIC GROUPS (TGs)** Influence EU funding & policy Shape Horizon Europe priorities & logistics policy TG2. Corridors, hubs and https://www.etp-logistics.eu/alice-TG1. Efficient and Low **Emissions Assets and** Connect with 700+ experts projects/ Synchromodality Energy CTRL+clic per aprire collegamento Industry, academia & public authorities Access 150+ R&I projects TG4. Supply Network TG3. Systems and Solutions for Physical Internet, data exchange, Coordination and Technologies for Digital Twins & more Collaboration Interconnected Logistics Achieve sustainability goals Collaborate on solutions for carbon neutrality TG5. Urban Logistics

### ALICE membership bringing an holistic approach →All key logistics stakeholders represented! Type of Organization Members **EU/International Associations** cefic Shippers & Retail P&G L'ORÉAL proximus ESC PEPSICO COLRUYTGROUP - EPCA ELUPEG R dcsa EALTH **Logistics Service Providers,** GEODIS BORUSAN RBICO FM>LOGISTIC Posteitaliane Carriers, Courier and Postal einride ogel GEOPOST COOCCIOTTO FERCAM operators, Freight Forwarders & GGRUBER bpost **EEECCG** CONTARGO DFDS Shipping Ports, Hubs, Real Estate **ECO SLC** ECT ROTTERDAM European ✓ De Vlaamse Waterweg™ Port de Barcelona companies, Intermodal terminals WT VEV PRODUCTS TRAFIKVERKET Adriafer Rall Services **▼** INTERPORTO & Transport/Energy Infrastructure duisport Transport and industry vehicles, Renault Group stryker LOGIFRUIT PONERA acea eucar packaging & material handling MARLO ALSIC SILENTS PRODUCTBLOKS GreenRouter \* DAC vltn QURBAN emisia Transmetrics AELER PCT 35 DASSAULT VERITY FLOX Information and Communication CARGOFUL OPTIT ERTICO **Technologies & Consultancy** INIECOM MACON PTV GROUP PEOPLE FACTUAL Globis DIGITAL HUB (Legistics Initiative Regional & National Logistics Smart Freight **Clusters & Associations** Circle Fraunhofer Gr = IDIT Research and technology Centers Lro SINTEF ( TUDelft TNO mostion LOT mec lta **European Technology Platforms** EFFRA MANUFUTURE:EU /PPPs Big Department for Transport bm Member States and innovation Funding\* TKI DINALOG

# Increasing trends





# Sustainability

# Sustainability



Gruber Logistics promotes an holistic approach of sustainability integrating environmental, social and ethical aspects.

**Sustainability** is a cornerstone pillar for our development and directly included in our **strategic framework**.



# Sustainability pillars

### **Environmental standards**

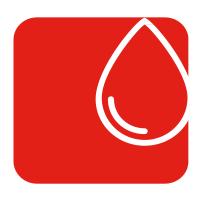
relate to the businesses' impact on the environment.



**Social standards** deal with our impact on society.

Social

# **Environmental sustainability**

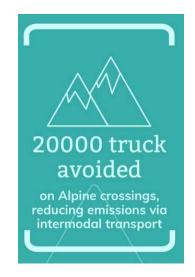


**ALTERNATIVE FUELS** 





**INTERMODALITY** 





NETWORK AND CARGO OPTIMISATION





# Digitalization

- Digital Cooperation & Data sharing
- Paperless Transport
- Automation & Artificial intelligence
- Cyber security

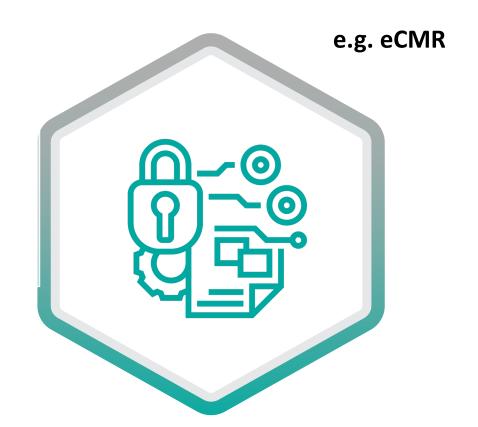


There is a growing need within the logistics companies and who work in the logistics to share data to make the logistics chain seamless and faster.

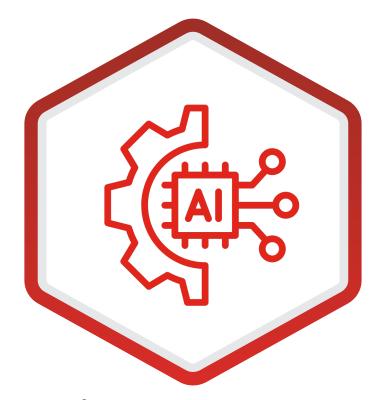
e.g. Intermodality

- Digital Cooperation & Data sharing
- Paperless Transport
- Automation & Artificial intelligence
- Cyber security

The sector is fully committed in creating a digital documents exchange cooperative system.



- Digital Cooperation & Data sharing
- Paperless Transport
- Automation & Artificial intelligence
- Cyber security



Processes improvement through the application of AI to support decision-making.

The process towards autonomous vehicles is procedding also in the framework of logistics especially in easy and redundant context of application.

### E.g. Automatic dispatching

- Digital Cooperation & Data sharing
- Paperless Transport
- Automation & Artificial intelligence
- Cyber security

The increase in data exchange between companies, in the face of rising geopolitical tensions, exposes businesses to greater risks of cyberattacks. As a result, there is a growing need for practices and technologies to defend against them.



## Potential downstream applications in Logistics

- → Road congestion analysis
- → Monitoring of congestions in logistics hub
- → Leakage in fuel supply chain
- Monitoring of electric vehicle and infrastructure warming due to joule effect
- → Avoiding distortion of GPS signals
- → Support management of yard management systems



# Thanks for your attention

Our values. Our guide.











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