

BOOSTLOG

LOGISTICS COORDINATION AND COLLABORATION CLOUD



SCOPE

Coordination & collaboration refer respectively to vertical and horizontal synergies along and across different supply chains. In this context, Supply Network Coordination deals with the synchronization and dynamic update of logistics and transport plans, across modes and actors.



Supply Network Collaboration deals with maximising resources utilization by matching demand from multiple shippers with available transport and logistics services from different modes and service providers. Both Coordination and Collaboration can produce significant gains in terms of both efficiency and sustainability, leading the transition from individually managed supply chains to open supply networks.

PROJECTS INCLUDED IN THE CLOUD REPORT



MAIN OUTCOMES

The projects analysed in this Cloud showed that the most critical issue to make horizontal collaboration successful was the mental shift, and that trust amongst the partners could be achieved through gain sharing tools or trusted governance models.

Through the projects, trust has been built by showing working governance, business and operational models, advancing in the reduction of transition management costs and times and providing a legal framework for the collaboration.

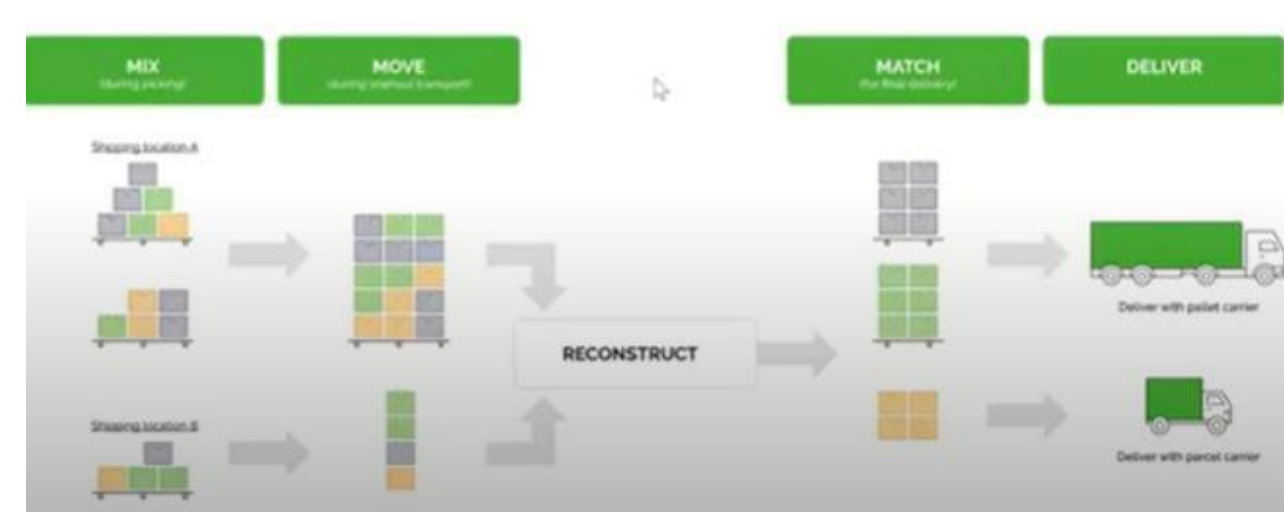
In the coming years the focus should be on reducing that transition cost, to make sure it does not make efficiency gains meaningless. Transition costs can be lower thanks to digitalization and connectivity, thus the implementation path to be followed should gravitate around those areas.

IMPLEMENTATION CASES



The success factors of MIXMOVE were the R&D expertise from iCargo and an interested customer and a provider willing to exploit the project's outcomes.

The MIXMOVE solution is currently operating in more than 30 terminals in Europe and the US. Approximately 150 million parcels have been moved using the solution.

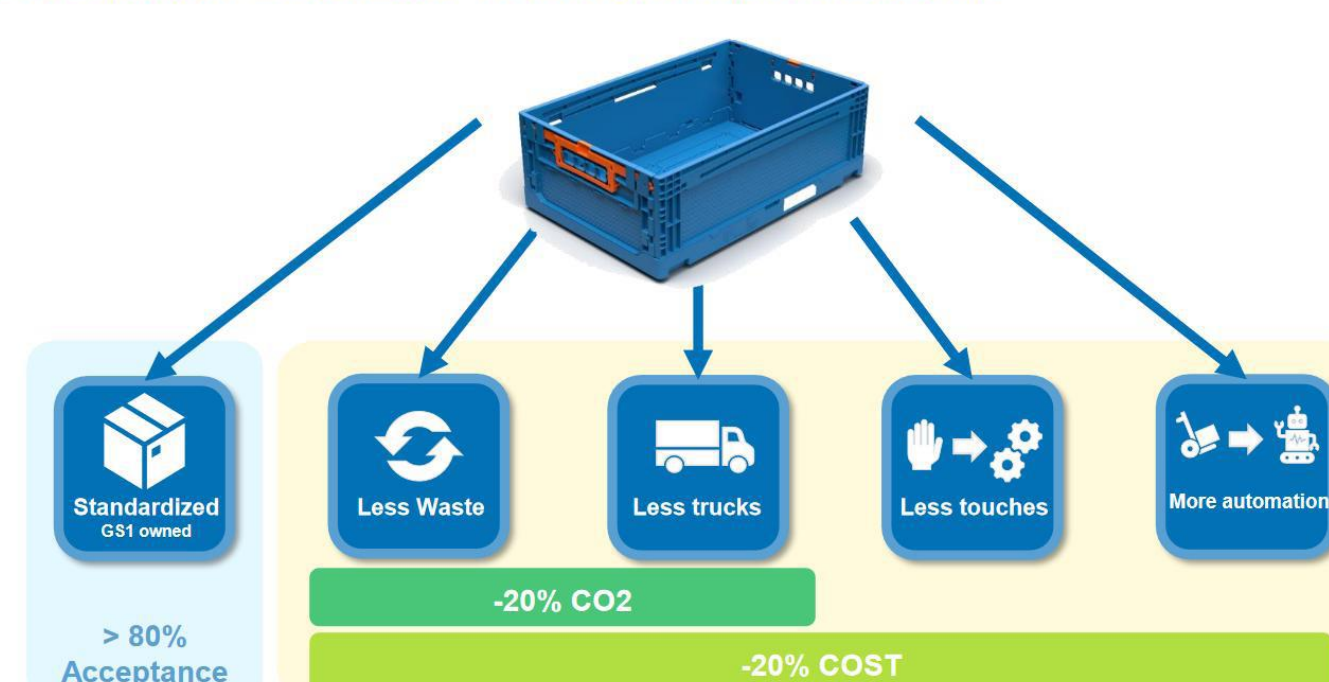


TRI-VIZOR is the first impartial orchestrator for transport and logistics, that prepares, designs, and operates horizontal partnerships and collaborative communities among shippers. The company offers specialized knowledge and solutions to implement flow bundling and horizontal partnerships.

TRI-VIZOR has demonstrated that horizontal partnerships and platforms are the most fair and appropriate way to realize this. As neutral orchestrator, TRI-VIZOR prepares, involves and supports companies in the processes of creation (as 'architect') and managing (as 'trustee') horizontal collaboration.



GS1 SMART-Box: E2E Transformation benefits



SMARTBOX is an innovative and reusable transport box to increase efficiency and sustainability in logistic processes.

The smartBOX was designed with standardized pooling system, including tracking and tracing technology, and a business model for intelligent order control and cost splitting, developed a comprehensive, intermodal transport concept to enable autonomous and bundled transports.



CRC Services has developed a model to help companies mutualize their flows for the last 100 km of goods delivery. The model allows suppliers to deliver goods from their distribution centres in collaboration with other supplier and to make savings by optimising orders and vehicle loads.

Key for the success of CRC Services. Combination of R&D with applied use cases in companies which allowed CRC Services keep working with the companies after the success of the cases overcoming the general barriers and hurdles found in collaborative models. It is also worth to mention the importance of customers in the developments.

IMPLEMENTATION PATHS

- Finding the right partners: not only providing R&D expertise, but industry commitment to exploit the project's outcomes
- Having implementation cases with individual customers that showcase the potential behind the solution.
- Setting a clear vision for the new business, clearly identifying the value proposition and market target.
- Developing a growth path, incorporating advances beyond the state-of-the-art.



- Growth of initiatives in terms of market share
- Disruptive initiatives with scalability potential
- Decarbonization
- Reducing transition cost - digitalization and connectivity
- Implementations in the rail sector – governance
- Inclusion of carbon emission costs into the total costs

Link to Cloud Report

