

ECG Tech Board

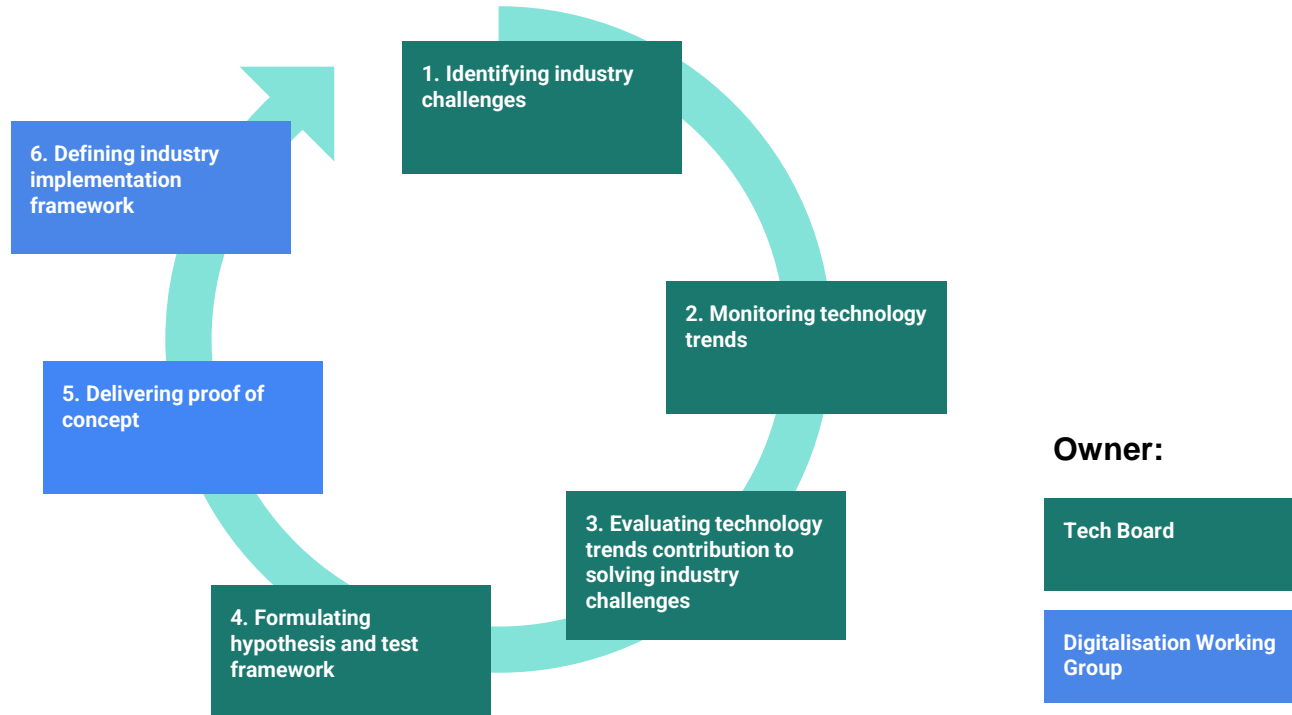
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Agenda

1. Tech Board Objective
2. Tech Funnel
3. Sustainable Automated Compound: Fast Lane Concept
4. Online Form

Tech Board aims to identify technologies that can improve the efficiency of the industry

A tech funnel is a framework to generate, test, and promote high-impact projects



Survey highlighted that the main challenges are capacity, cost & lack of transparency

Challenge	For whom
Pressure on capacity & cost	LSPs & OEMs
Lack of storage and transport capacity	OEMs
Port congestion	LSPs
Lack of transparency re. vehicle movements (esp. when subcontractors involved)	LSPs & OEMs
Most disruption is seen in road transportation	LSPs & OEMs

Main investment area is data exchange and most companies have a high impact digital strategy

Investment areas (OEMs & LSPs)	Responses
Data exchange with customers and partners (Orders / Statuses / Movements / Services)	71.21%
Disposition and route planning	48.48%
Management of your own fleet	37.88%
Management of your own compounds	33.33%
Settlement process (invoicing, accounting)	31.82%
Procurement	28.79%
Recruiting	27.27%
People management and human resources	24.24%

Level of digitalisation	Responses
Our digital strategy has high impact (is thoroughly executed and constantly reviewed to reflect business challenges, new technologies and the development of digital capabilities of our organization)	43.94%
Our digital strategy has medium impact (is updated in irregular intervals and is executed in parts)	31.82%
We have a digital strategy, but it is outdated and lacks real impact	16.67%
We don't have a digital strategy	9.09%

The application of AI and IoT could positively impact waiting times, ETAs, and planning

		Business Challenge		
		Waiting Times for loading / unloading operations	Lack of transparency concerning delivery dates (ETAs)	Poor outlook in planned transport demand
Tech Trend	Cloud computing	Medium use case	Medium use case	High use case
	IoT	High use case	High use case	Medium use case
	AI	High use case	High use case	High use case
	Robotics	High use case	Low use case	Low use case
	Blockchain	Low use case	Medium use case	Low use case

Full report will be distributed in Q3 2024 covering all major challenges

We have kicked off "fast lane compound" to address the issue of congested compounds



long
waiting times



less productivity
in transportation



missing
announcement



no plannability



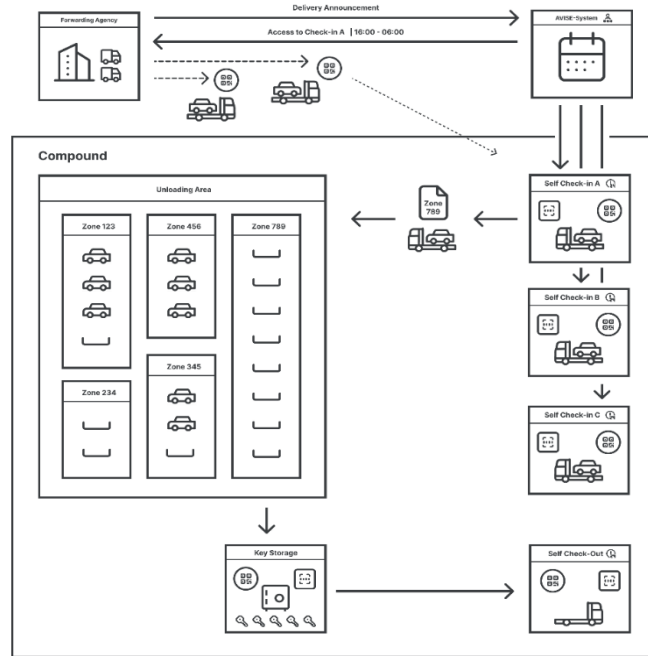
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slower processing
of handover

Fast lane compound concept enables 24/7 loading and unloading without human supervision onsite

FAST LANE CONCEPT



Key features:

- Compounds having normal lane and fast lane at the gate
- Separated area for self-sufficient loading and unloading 24/7
- Arrival scheduling system for drivers
- Self-check-in by driver
- Loading and unloading without compound personal
- Automated car evaluation

We want to deliver the first proof of concept for fast lane compound in Q3 2024

We will follow an MVP approach to test the concept

- Select one compound (MOSOLF), one customer (AUTO1), one transport company (MANVESTA)
- Focus on unloading
- First version of scheduling system for drivers with low tech effort
- Minimum investment in infrastructure

Online Form

- Online form is a channel where everyone can submit his ideas
- The worthwhile project/working group ideas will be presented to the Tech Board by the 'authors' at the quarterly meetings

Access it now and send us your ideas!

