

Meet the team!



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Questions? Get in contact!

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Mentors Shell Pernis:

- B. Siemensma – Master Scheduler
- M. Tjakkes – Planning Engineer

Mentor Rotterdam University of Applied Sciences:

- T.A.G. Peeterman – Lecture Industrial Engineering

Recommendations

Long Term

- Supply chain department should take responsibility.
- Less P-location.

Short Term

- Closed warehouses.
- Doorsills for every warehouse.
- Additional tab in SAP for location material.
- Share materials with other departments.
- Expensive and large materials with RFID tags.



We made the first steps!

Our Journey

Objective: Improving the inventory management in order to create an optimal internal material flow

Research question: How does inventory management, using a smart technology, contribute to optimizing the internal material flow of the turnaround activities?

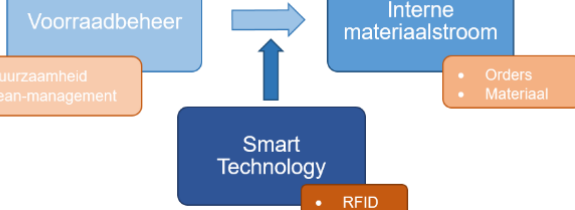


MINOR

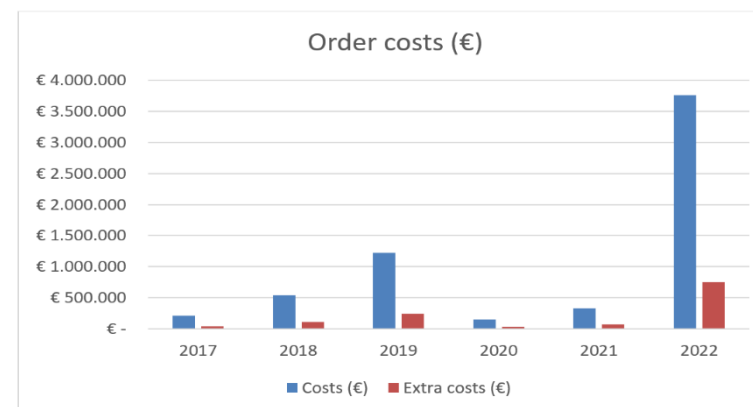
SMART LOGISTICS IN ASSET MANAGEMENT

Analysis

Dimension	Topic	Small gap		Big gap
Lean Management	Effective			
	Efficiency			
Sustainability	Sustainability goals			
	CO ₂ -reduction			
Orders	Regular orders			
	Emergency orders			
	Double orders			
Material	Quality control			
RFID	Accuracy			
	Efficiency			
	Perceptibility			



Current situation



Waste (in mln €)

