Online Course: Automated Vehicles in Logistics Lesson 1 Introduction to AGV's Module 1 Features of the AGV

Maarten van Oeveren

#### **DE PERSOONLIJKE HOGESCHOOL**



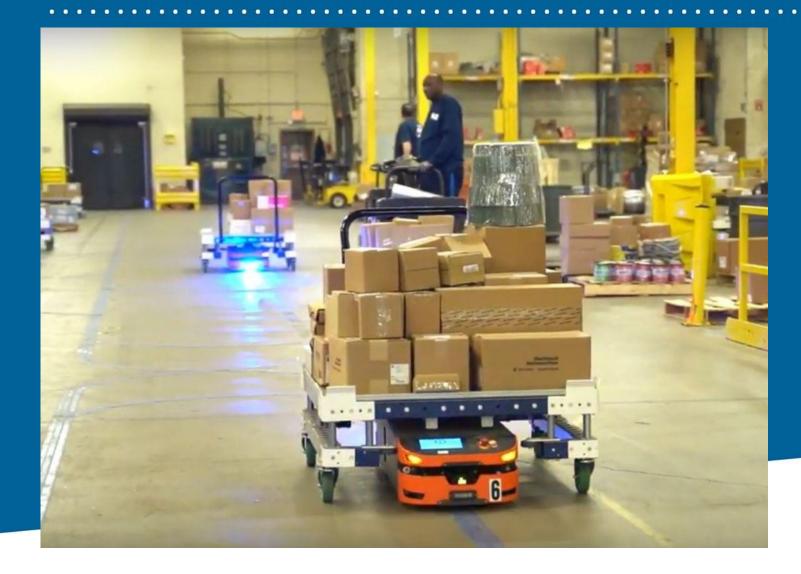


#### **Introduction to Automated Vehicles**

Lesson overview

- 1. Features of the AGV
- 2. State of Art
- **3.** Advantages and disadvantages
- 4. Use case description



















#### **Features of the AGV**

- 1. Self driving and self steering vehicle
- 2. Following a predefined path
- **3.** Receiving commands to execute transportation jobs
- 4. Self awareness to its environment
- 5. Can operate safely with persons in it's vicinity
- 6. Will send status to the commanding level



#### **Summary and outlook**

- Different types of AGVs
  - Light or heavy loads a) b)
  - With/without load handling
  - C Operating inside or outside
  - d) Safety features
- 2. Listed most common features

State-of-Art;

What type of AGVs can be integrated in logistical operations without unexpected problems?





# THANK YOU FOR YOUR ATTENTION



GBlueprint project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 952189





