

### MAN TRUCK & BUS SE CHANGE MANAGEMENT SINCE 1758. FUTURE OF TRUCK DEVELOPMENT AND ITS IMPACT ON LOGISTICS

Lars Eiermann VP R&D ECG Conference Berlin, 18.10.2019

## AGENDA

01 WHERE DO WE COME FROM AND WHAT DEFINES US?
02 HOW DO WE SHAPE TODAY'S TRANSPORT?
03 WHICH TRANSFORMATION WILL WE FACE AS MAN?



## WHERE DO WE COME FROM AND WHAT DEFINES US?



### WE RELY ON A Strong History.

MAN TRUCK & BUS SE WHERE DO WE COME FROM AND WHAT DEFINES US?

Vereinigle Maschinenfahr

WERK NÜRNBERG Zweiganstall Guslavsburg

THE ABILITY FOR INNOVATION AND READINESS FOR TRANSFORMATION REPRESENTS US AS MAN.

WE COME FROM AND WHAT DEFINES US



# HOW DO WE SHAPE TODAY'S TRANSPORT?



### **INCREASINGLY STRICT GUIDELINES ARE DRIVING INNOVATION. ELECTRIFICATION IS COMING.**

OW DO WE SHAPE TODAY'S TRANSPORT?

AUTOMATION IS A CHANCE TO MAKE TRANSPORT CLEANER AND MORE INTELLIGENT.

か と

## WHICH TRANSFORMATION WILL WE FACE AS MAN?

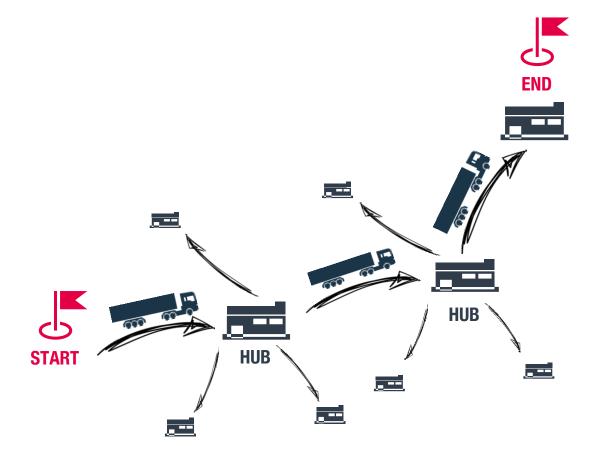


### ... THE CHANGE HAS **NEVER BEEN SO FAST**, **AND AT THE SAME TIME IT WON'T EVER BE THAT SLOW AGAIN**..."

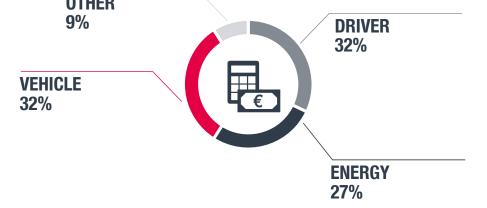




#### **TODAY'S GOODS TRAFFIC IS ORGANIZED AS A "HUB & SPOKE" LOGISTIC SYSTEM.**



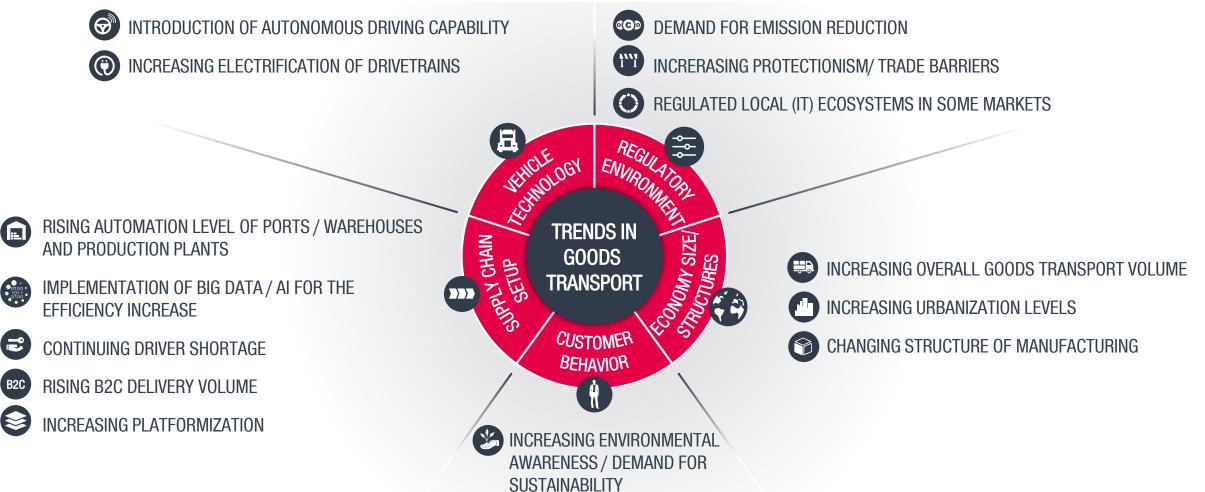
#### DISTRIBUTION OF THE TRANSPORT COSTS OTHER



#### DISTRIBUTION OF LOGISTIC COSTS



# SEVERAL MAJOR TRENDS WILL IMPACT THE GOODS TRANSPORT AND THE CREATION OF VALUE.



#### TODAY, WE SEE THAT A LOT OF TRENDS ARE ALREADY IMPLEMENTED – ONLY ROAD TRAFFIC IS NOT CONCERNED.

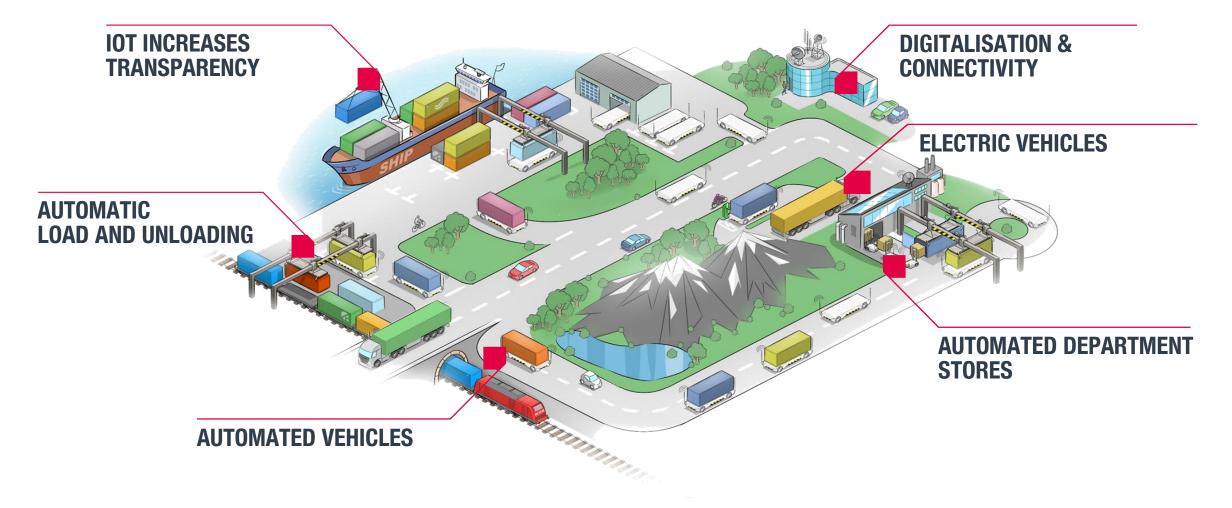
### AUTONOMOUS GUIDED VEHICLES AT THE HARBOUR OF ROTTERDAM



FULLY AUTOMATED DEPARTMENT STORES (J.D.COM)

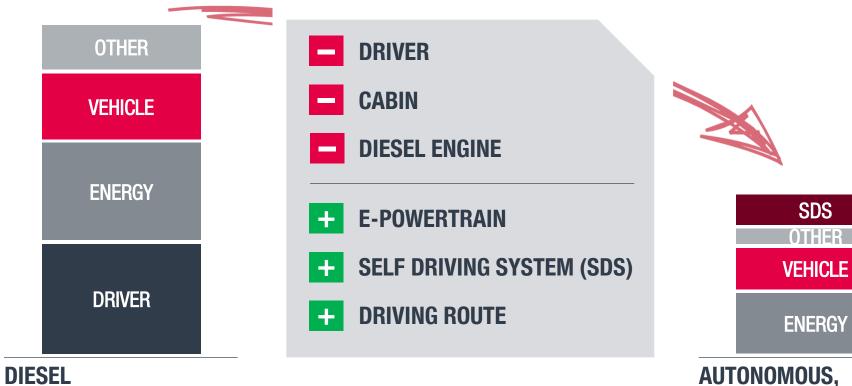


#### THE GOODS TRAFFIC OF THE FUTURE WILL CHANCE SIGNIFICANTLY. WE ARE GETTING PREPARED.



TRUCK

#### THE VEHICLE "TCO" WILL BE CHANGED THROUGH **AUTONOMOUS DRIVING AND ELECTRIFICATION.**

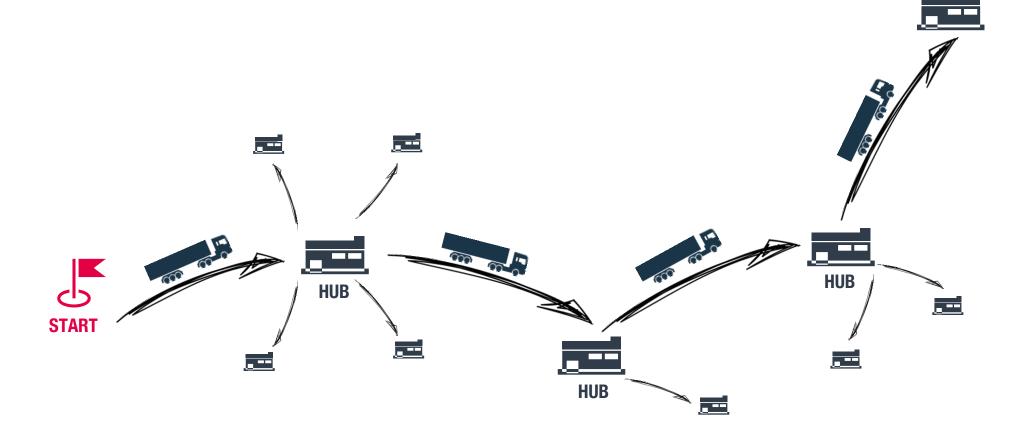


AUTONOMOUS, **ELECTRIC TRUCK** 

SDS

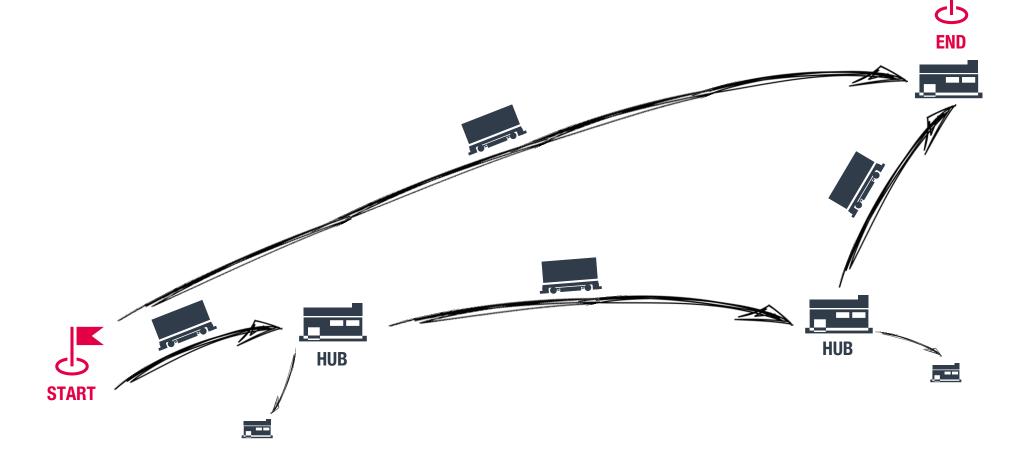


#### HOW WILL THE "HUB & SPOKE" LOGISTIC SYSTEM CHANGE?

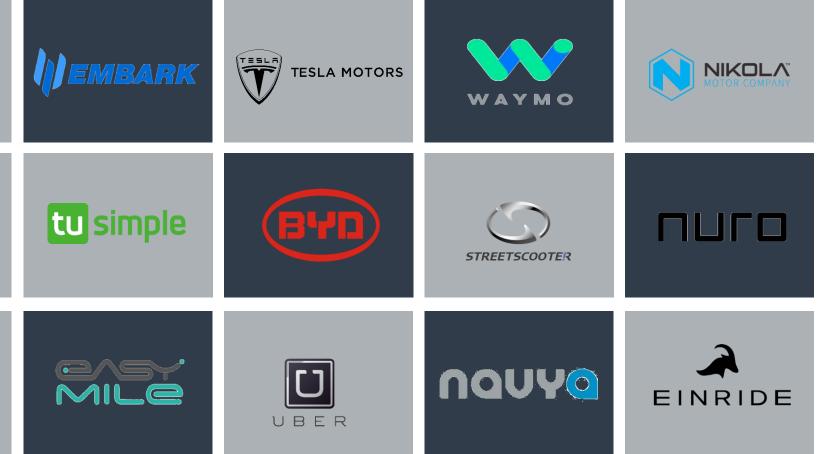


END

# **AUTOMATION WILL MOST LIKELY DISRUPT THE LOGISTIC SYSTEM:**



#### **CHANGES IN OUR ECOSYSTEM PRESENT OPTIONS FOR NEW PLAYERS.**





### WHAT DO WE LEARN AS MAN?

FULL AUTONOMOUS, ELECTRIC GOODS TRAFFIC WILL HAPPEN		WE NEED TO GET PREPARED FOR CHANGES
	WE COUNT ON ALREADY STARTED ACTIVITIES	WE WILL MASTER THE CHANGES ONLY IN COLLABORATION WITH OUR PARTNERS





## **Q&A**

### WHICH QUESTIONS DO YOU HAVE?

### **SUCCESSFUL CHANGE MANAGEMENT SINCE** 1758.