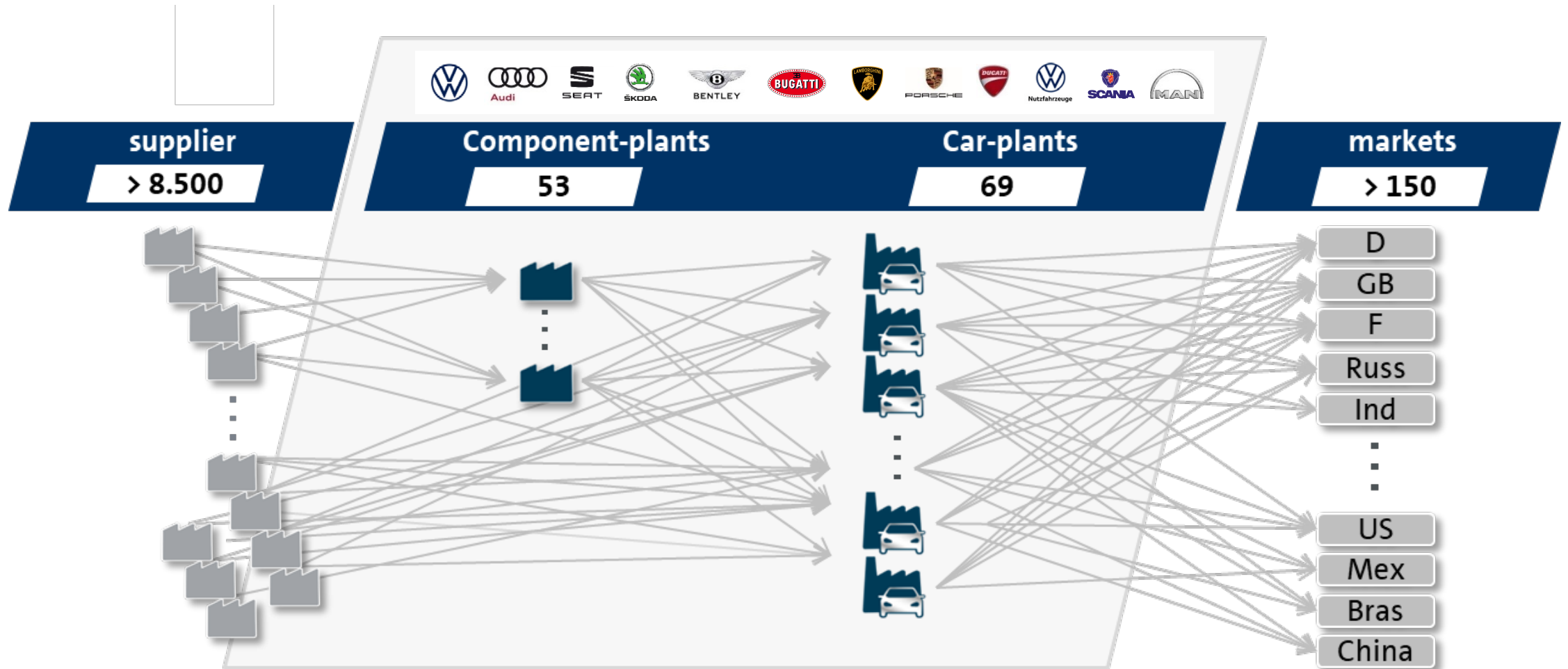


Automotive logistics - Livestream

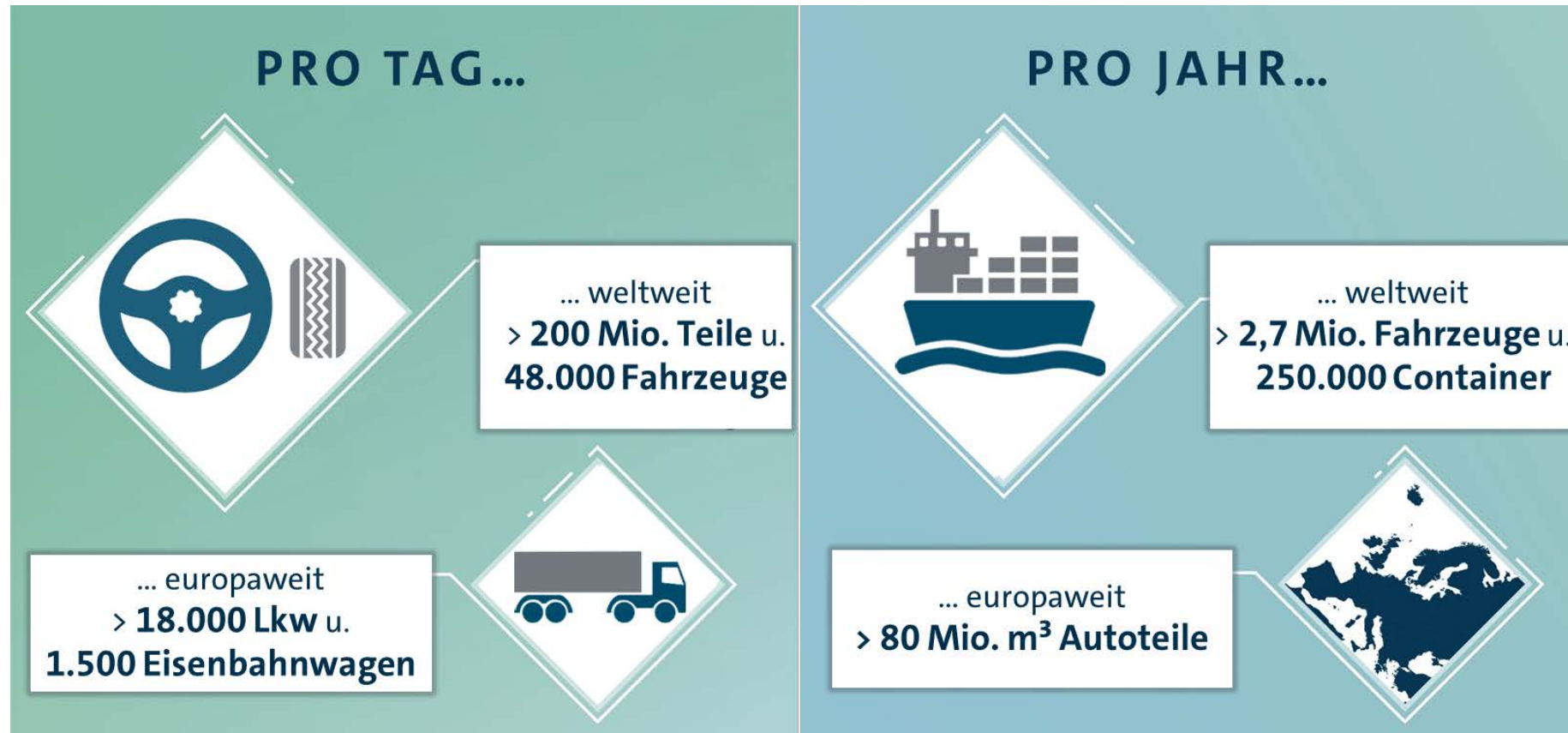
July 2020 / Matthias Braun – KL-MD

Vertraulichkeitsklasse: PUBLIC

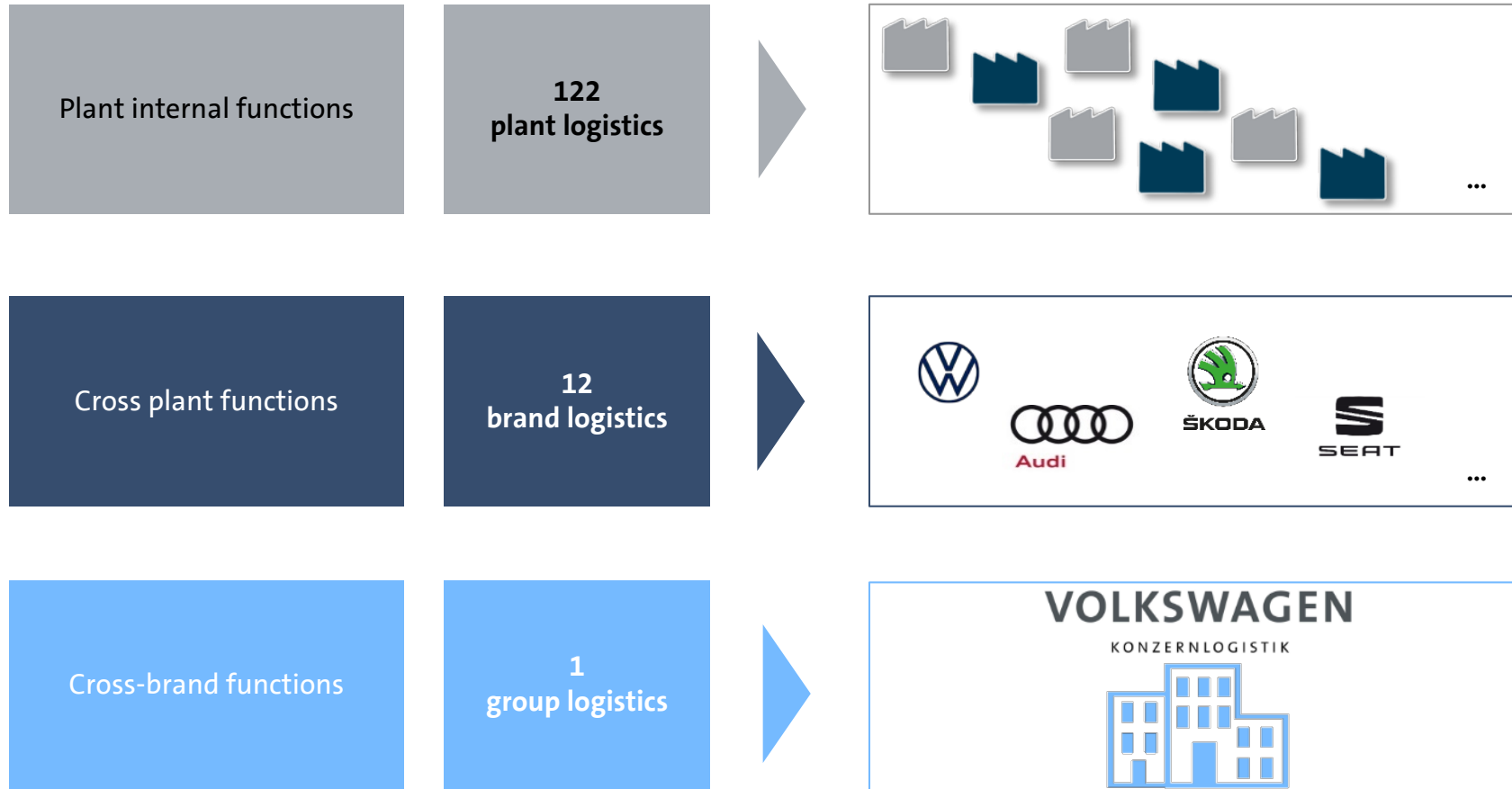
Logistics within Volkswagen AG is steering the process from the suppliers to our dealers



A huge network with a lot of partners is our common job



The logistics task are splitted into plant, brand and group responsibilities

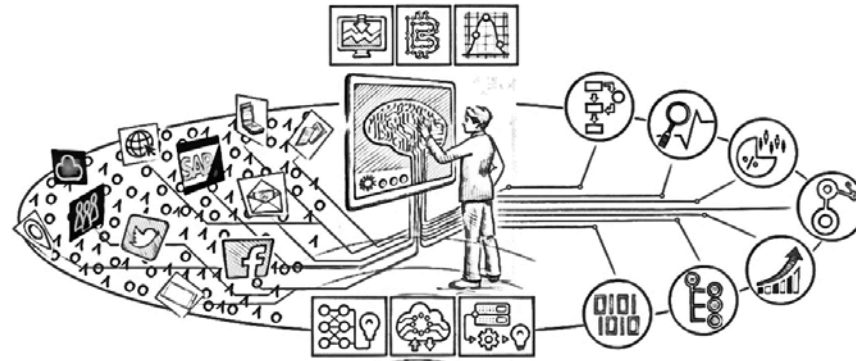


Digitalization is one megatrend in logistics with huge impact on business processes of all actors

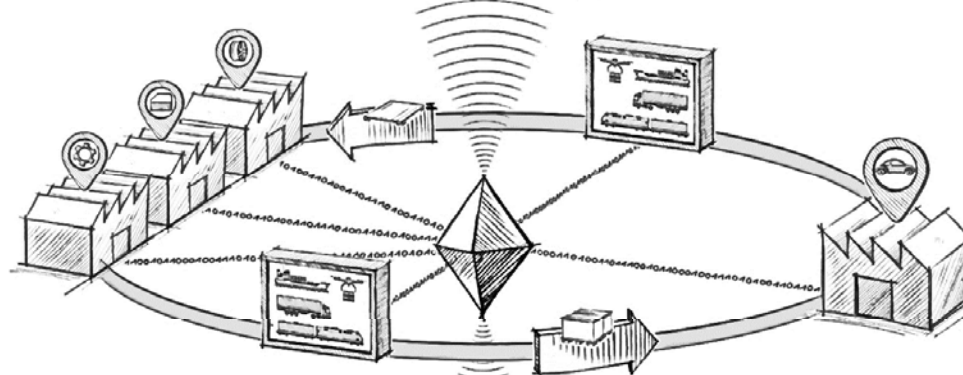


Volkswagen has a clear vision of the future of logistics and how to continue with our “digital activities”

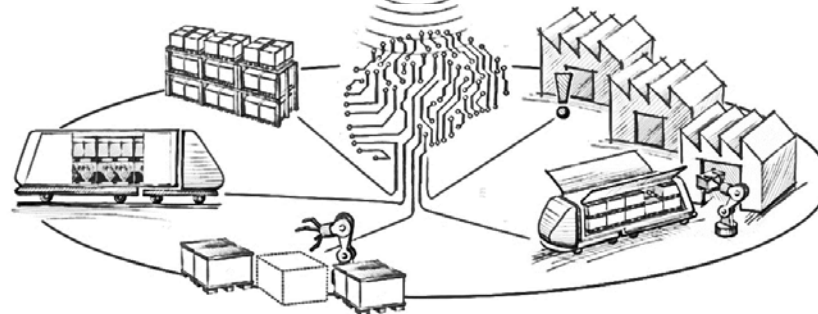
Decision making
(strategic)

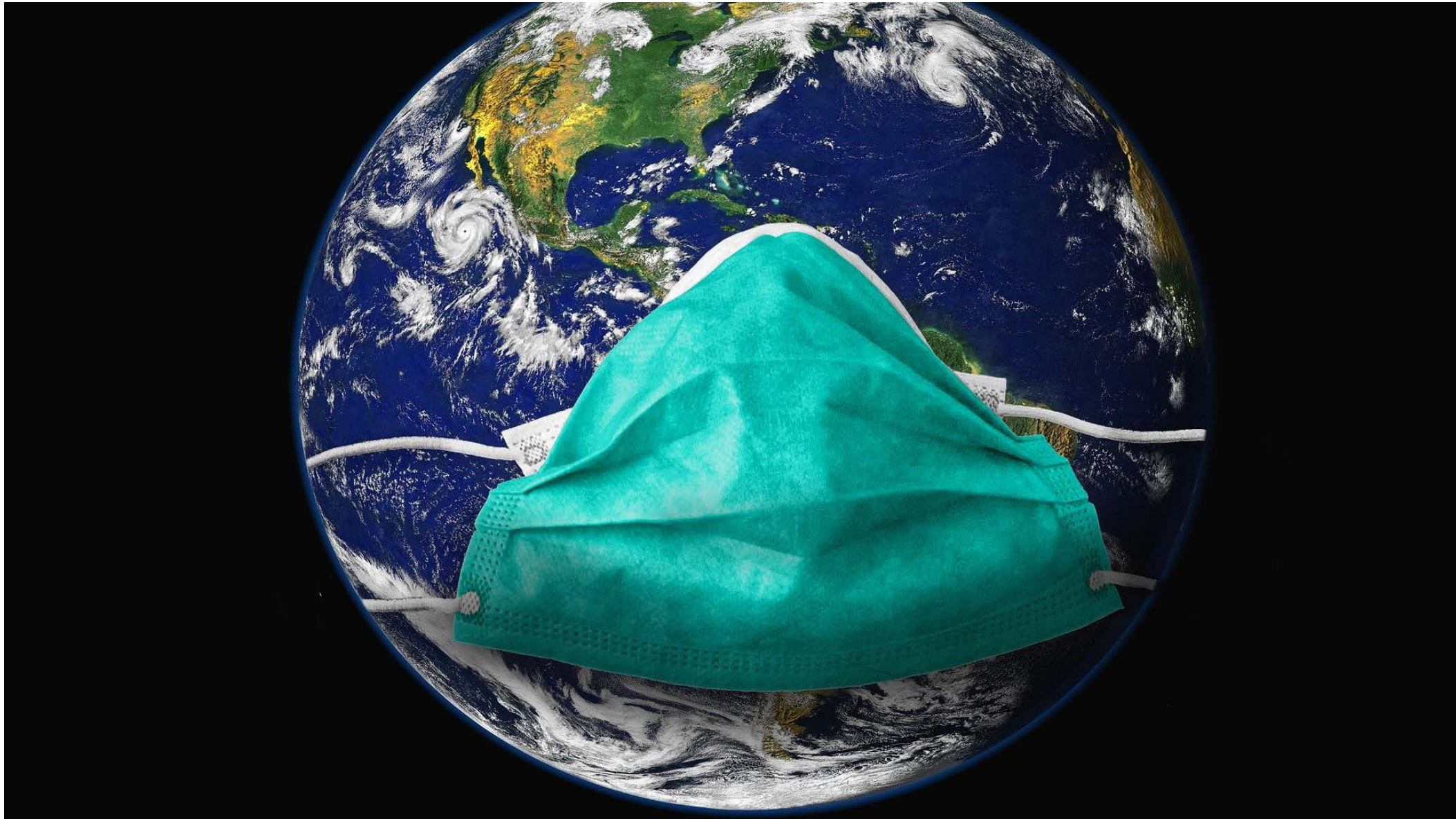


Information processing
(tactical)



Automation
(operational)

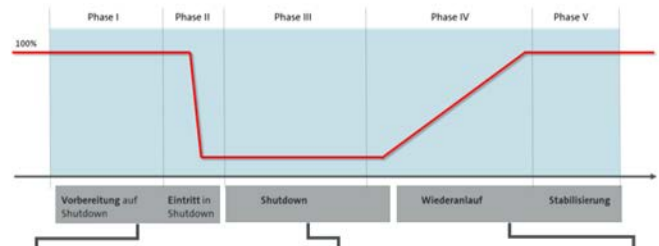




The pandemic was and still is a big challenge

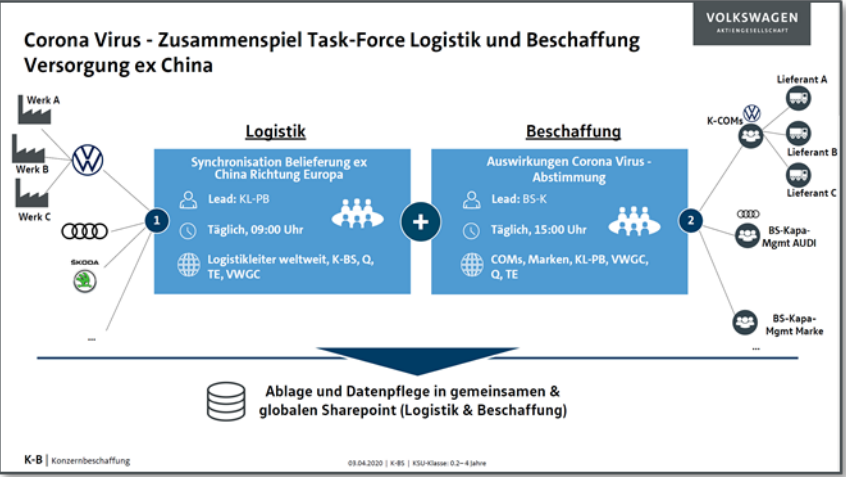
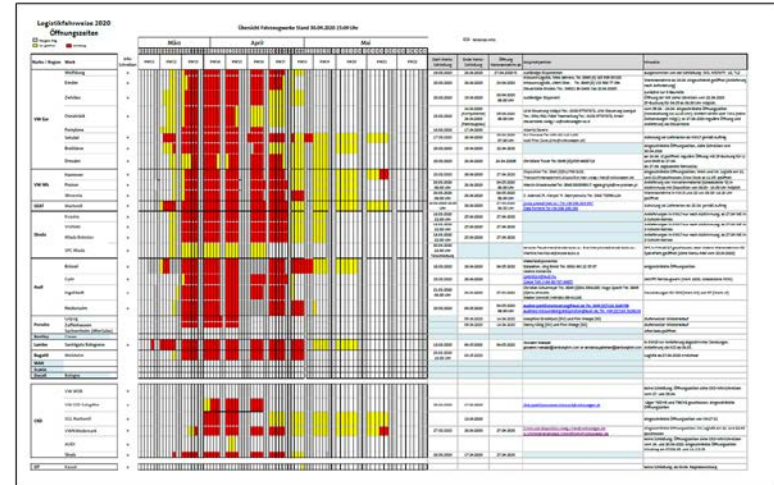
transparency of critical parts

plan and organize



- Herunterfahren des Netzwerks**
 - Tägliche *Skype*sion mit Spedituren
 - Allgemeine Schreiben und Vorlage werksindividuelle Schreiben für Werke zur Kommunikation an Spediture
 - Logistische Fahrweise der Werke
 - Kommunikation allg. Transport-situation in Europa an Werke / Marken
- Betrieb reduziertes Netzwerk**
 - Wöchentliche *Skype*sion zur Kommunikation der Fahrweise nach Konzernvorstandssitzung
 - Kommunikation *Safe Logistics* Maßnahmen
 - Erarbeitung von Lösungen für reduzierten Netzwerkbetrieb
- Wiederanlauf des Netzwerks**
 - Tägliche *Skype*sion zum Wiederanlauf mit Spdituren
 - Vereinbarung von Spielregeln für Wiederanlauf
 - Wiederanlaufcheck mit Spdituren
 - Volumenvorschau an Spditure

communication



With an air bridge from China to Germany we have shipped in a short period of time a huge amount of medical goods for authorities and the Volkswagen Group



135 Mio. masks

75 Mio. for authorities
60 Mio. for VW Group

6 Mio. gloves

300.000 protective clothings

200.000 googles

10.000 Temperature Guns

100 breathing machines

8.600 m³

54 flights in 8 weeks



37 Mio. masks for authorities

(until end of July)

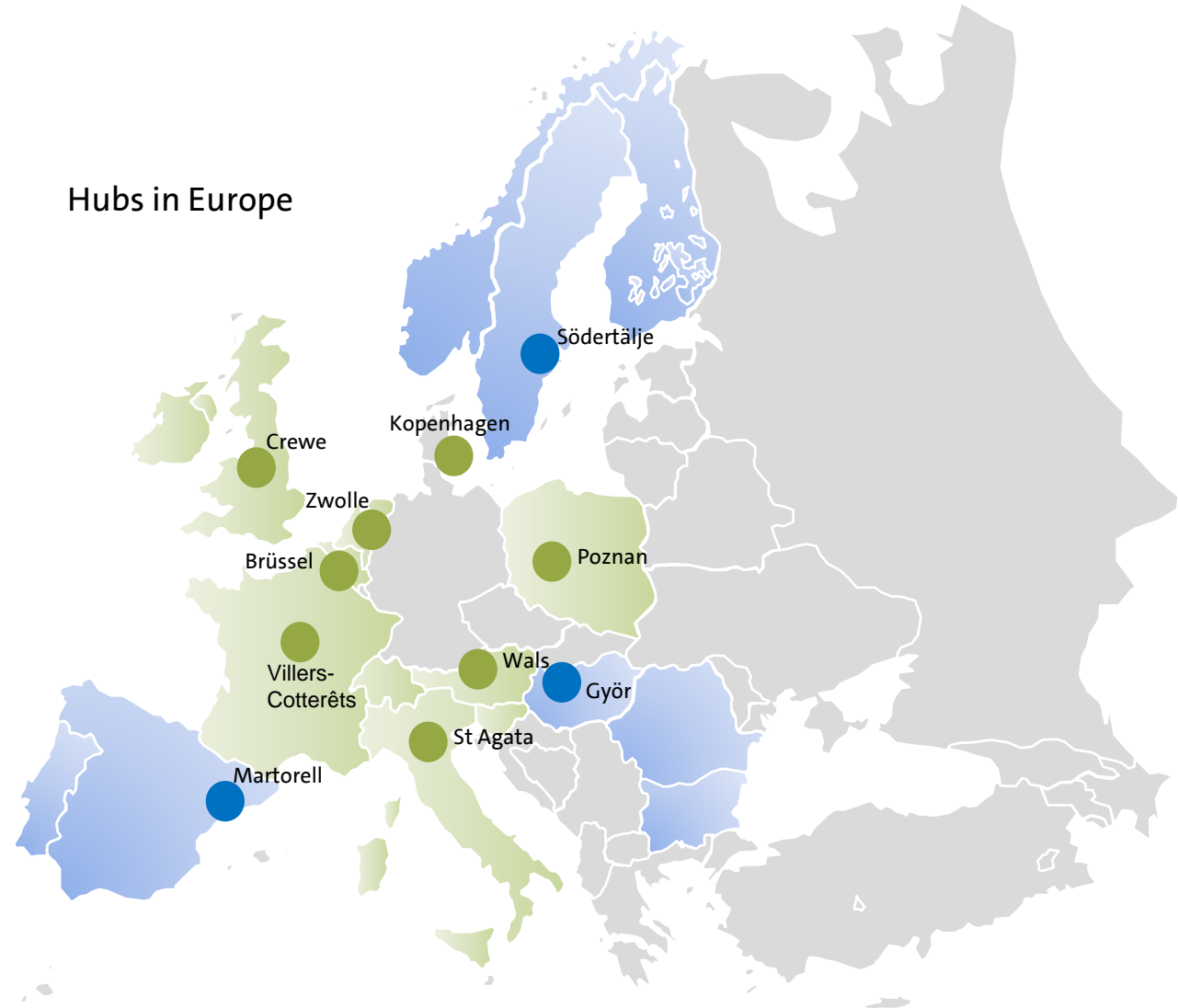
27 Mio. masks for the VW Group

Map for distribution of masks within the Volkswagen Group in Europe

Hubs in Germany

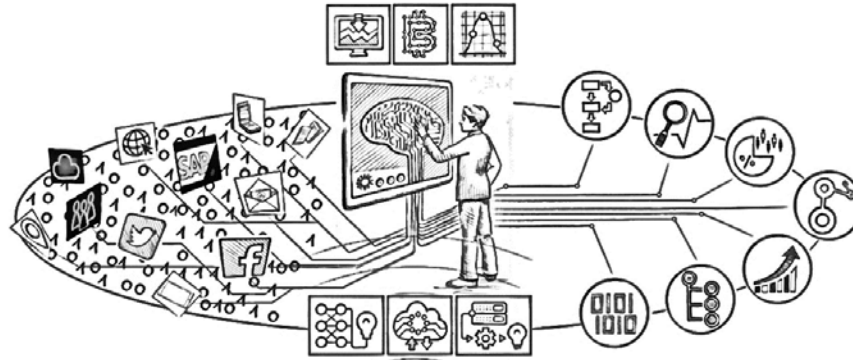


Hubs in Europe

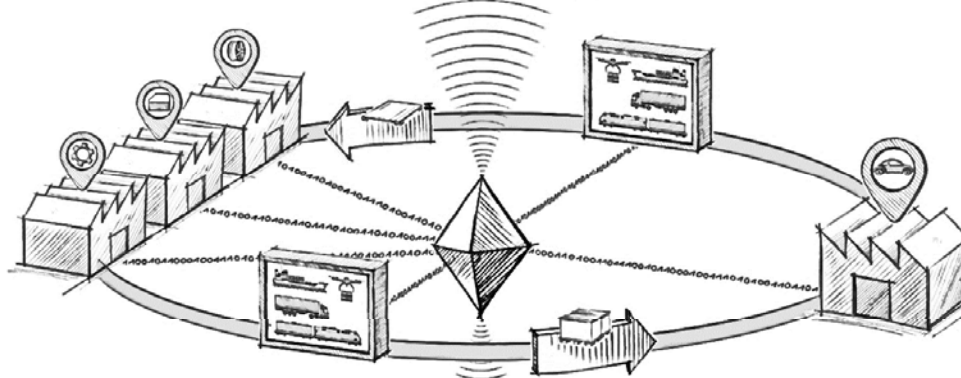


We want to shape the future of logistics respecting what we have experienced in the past

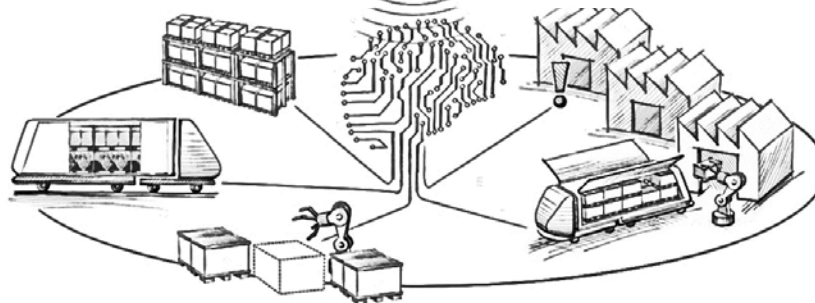
Decision making
(strategic)



Information processing
(tactical)



Automation
(operational)



market places AI
 knowledge society
 optimization
 smart spaces digital twin
 data science services
 analytics cloud computing
 data lake
 paperless logistics
 transparent loop
 green logistics
 autonomous trucks

Human being driven digitalization might be part of the “ new normal”



Strengthen the cooperative partnerships



Active contribution of everybody – no hesitation or wait-and-see attitude



Digitalization must result in added value