



Volkswagen

Total area: 6.5 km² (~ Gibraltar)
Factory halls: 1.5 million m² (~ Monaco)



Significance of the Wolfsburg plant

Volkswagen AG

- Group Board of Management
- Group functions



Headcount: ~ 3,500

Wolfsburg plant

- Vehicle production (S1 and S2)
- Components production
- Services



Headcount: ~ 25,000

Volkswagen AG

- Brand Board of Management
- Research & development
- Procurement
- Sales
- Planning



Headcount: ~ 32,000

Companies

- Autostadt GmbH
- Auto Vision GmbH
- Sitech Sitz GmbH
- Other



Total headcount: ~ 12,000

Total headcount: ~ 73,000



August 24, 2017: 150 million Volkswagen brand vehicles



22 September, 2017: 44,444,444 vehicles built at Wolfsburg plant



Volkswagen

Wolfsburg plant (2106) – Facts & figures



Production
~ 800,000 vehicles/year



Team
~ 20,000 employees



Vehicle models
4



Volkswagen

Model overview Wolfsburg plant

Segment 1

Golf A7: Ø 1,500 units/day



Golf SV: Ø 400 units/day



Production per day
~ 3,500 vehicles

Segment 2

Tiguan: Ø 1,100 units/day

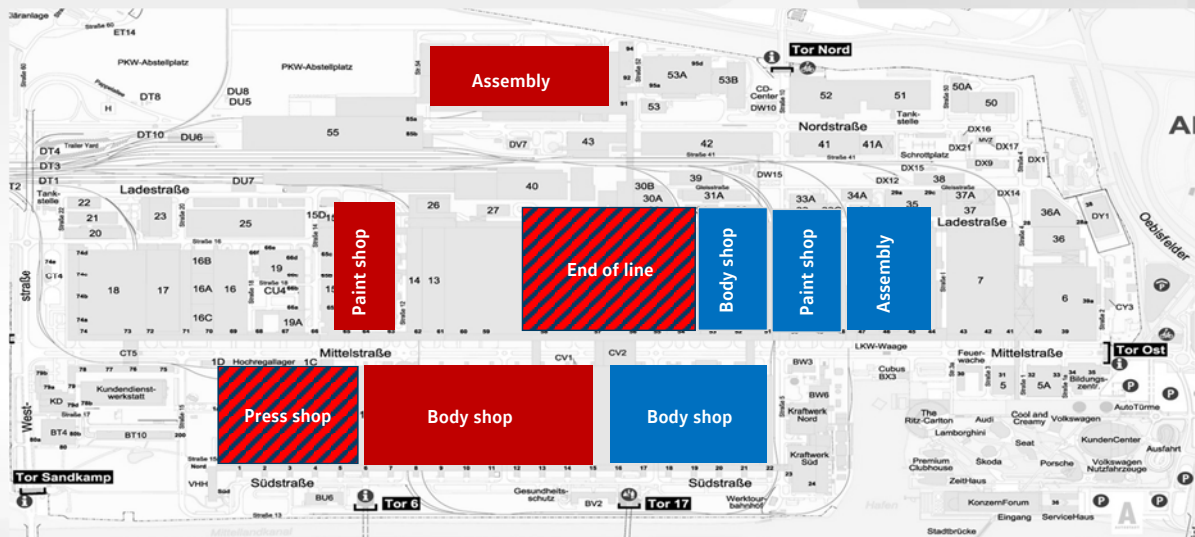


Touran: Ø 500 units/day



Volkswagen

Wolfsburg plant - Structure



Segment 1

Segment 2



Volkswagen

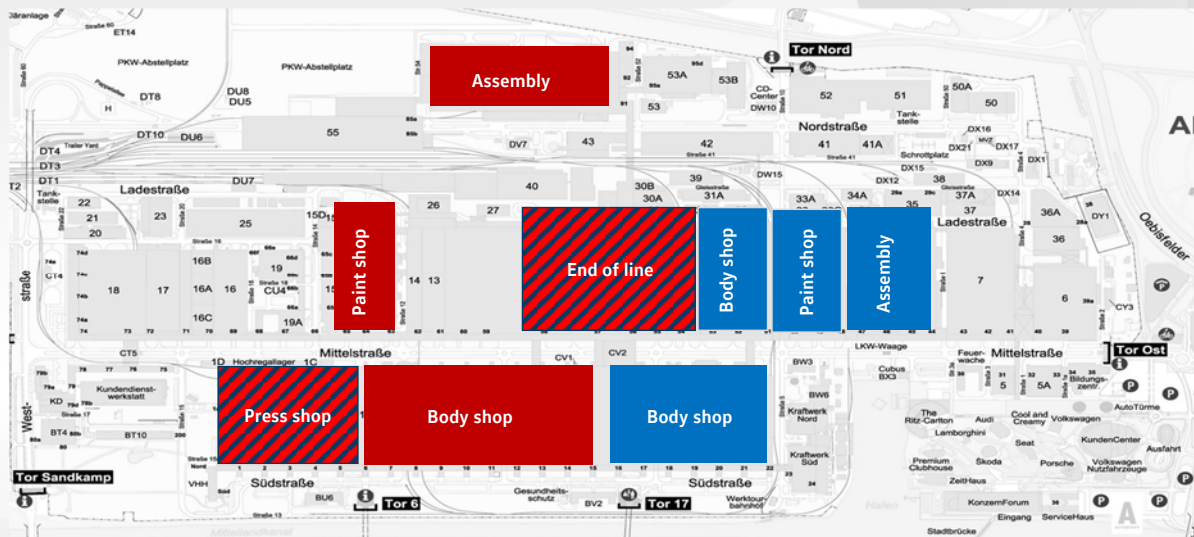
New trends in vehicle production



Battery technology
 CO₂ emissions
 Automation
 Climate change
 Digitalization
 Demography
 Sustainability
 Autonomous driving
 E-mobility
 Man-machine collaboration
 Connected car
 Industry 4.0



Wolfsburg plant - Structure



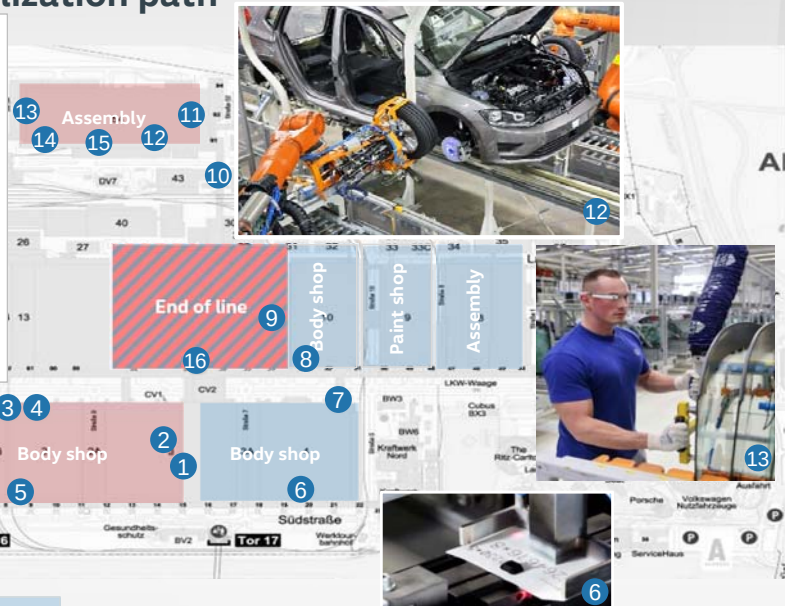
Segment 1

Segment 2



Wolfsburg plant – Digitalization path

1. automatic spare parts store
2. Perceptron Unit
3. Paint shop: digital visualization and FIS-eQS
4. Condition Monitoring
5. Laser macrogeometry unit
6. RFID: Radio Frequency Identification
7. EDES Energy management system)
8. FIS control station: system-supported production control
9. PWG-S: virtual tryout production and powerwall
10. Plant railway tracks
11. HRC: Human-robot collaboration
12. Wheel assembly
13. Logistics headset
14. Marriage
15. Windscreen bonding
16. check-up stalls



Segment 1

Segment 2



Implementation at the Wolfsburg plant

Scientific
enviroment/Brand



Site planning



Series production



Innovation

Need for innovation





Competence Center for Technology and Innovation (KTI)

The bridge to series production.

KTI



Thank you