

Electric shock to the supply chain

Charging up battery

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Vertraulichkeitsklasse: PUBLIC

1. VW road to a climate-friendly future

Where're we come from - where we're heading to

CDP21-EMPH1
PARIS 2015
100% Climate Change Leadership



„CLIMATENEUTRAL" MOBILITY: UN PARIS AGREEMENT: IMPACT AND TRANSFORMATION

Product portfolio

Transformation

CO2-neutral vehicles

„GHG-neutral"
fleet on the road



2021

2050

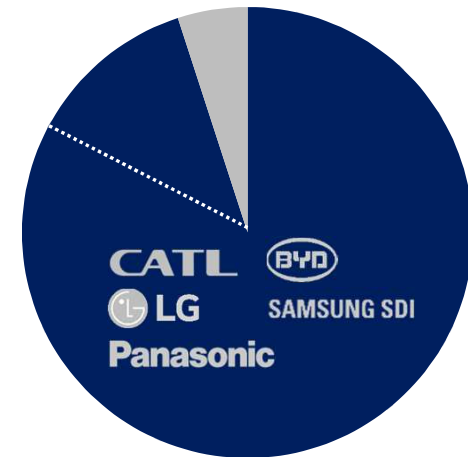


from an emission-producing product portfolio to climate-neutral solutions

2. Make or buy?

The reason for building a network of battery system producing plants

the battery system accounts for
40% of vehicle costs



>95% of the market is
covered by Asian players



The battery system accounts for the largest part of value added share of e-vehicles

3. Decision: Make!

6 gigafactories will be built in europe



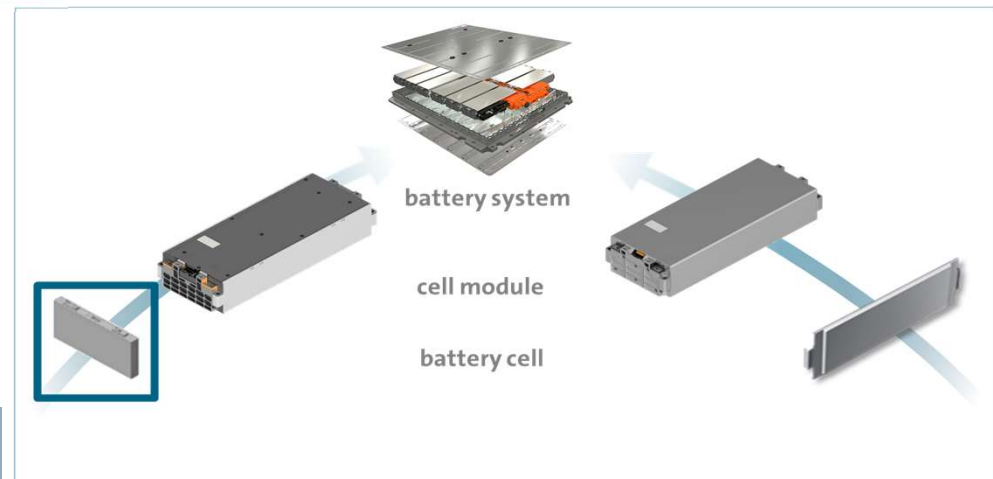
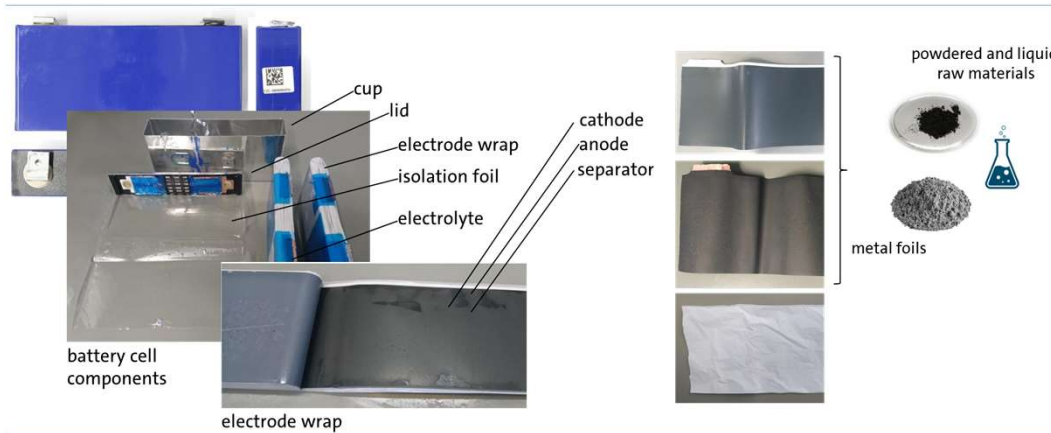
= 240 GWh bis 2030

More to come...



4. Deep Dive

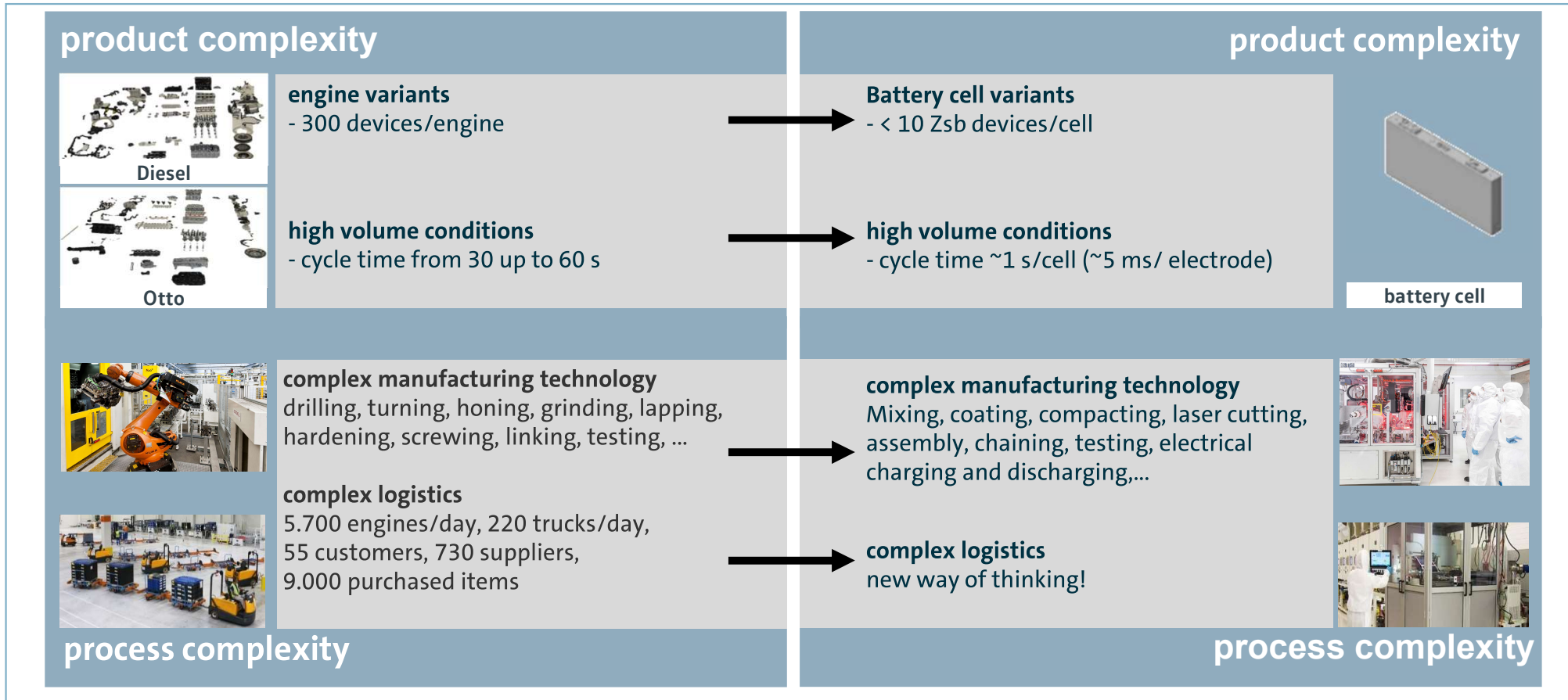
The battery cell as part of a new holistic value chain for the drive system in the vehicle



completely new requirements for logistics

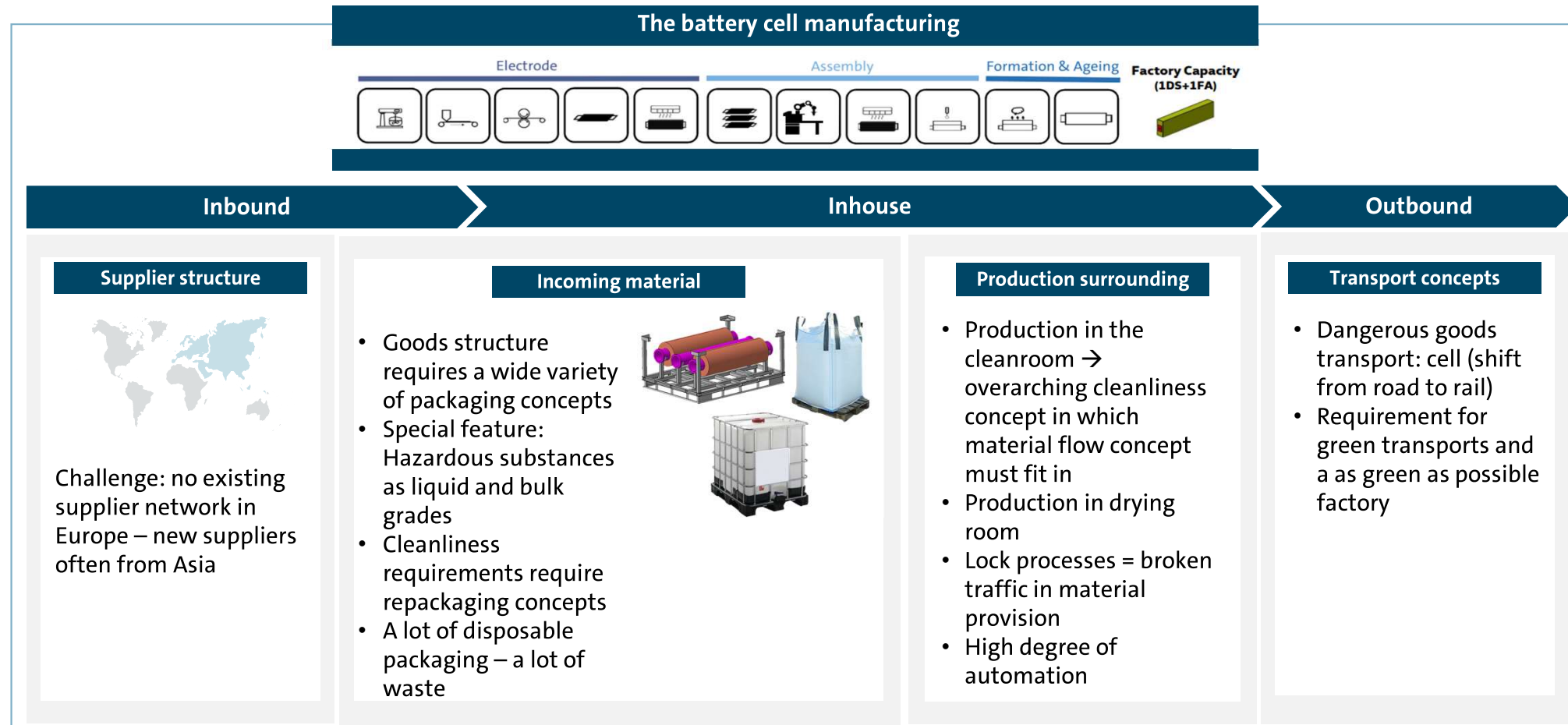
5. What's changing?

Complexity of engine and battery cell logistics of the Salzgitter plant



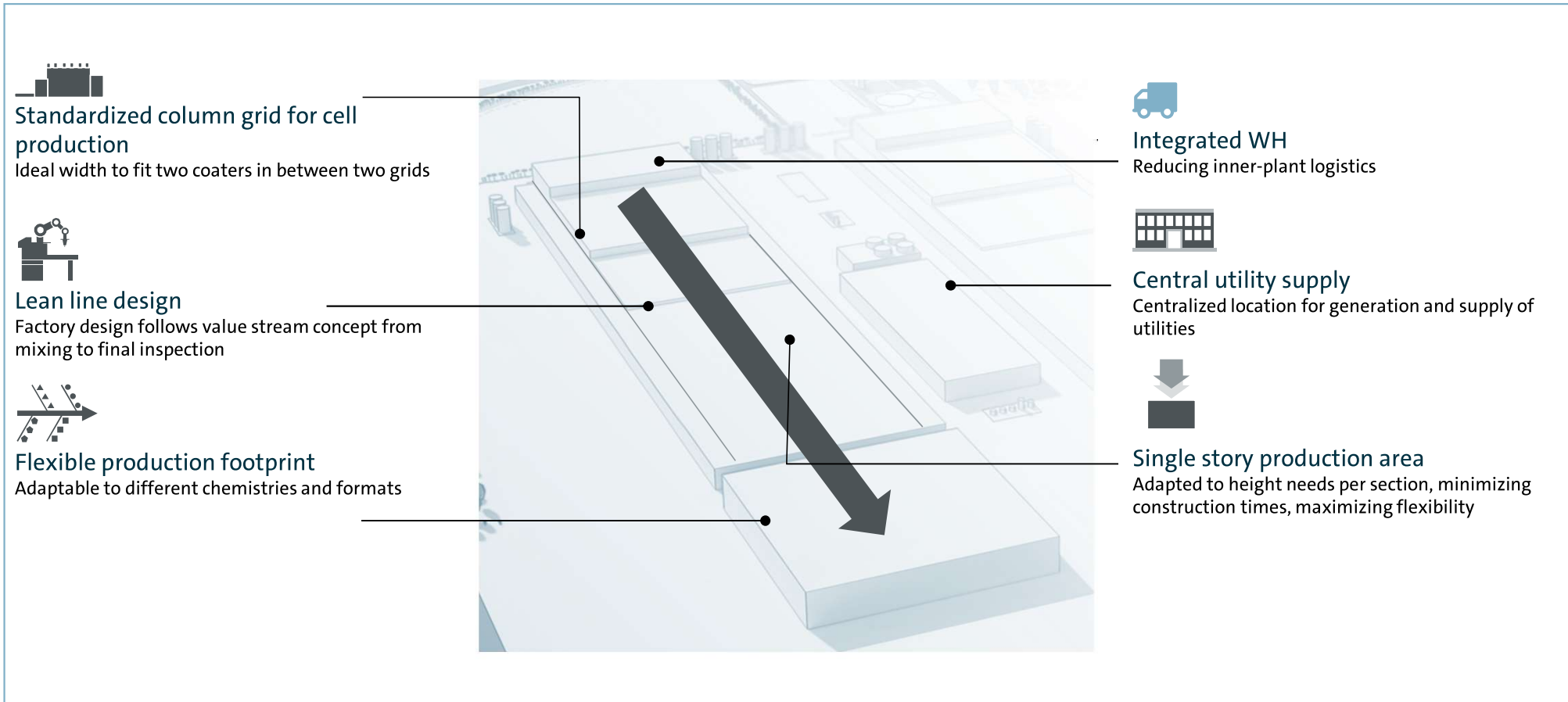
6. Lets talk logistics

Logistical challenges along the battery cell value chain



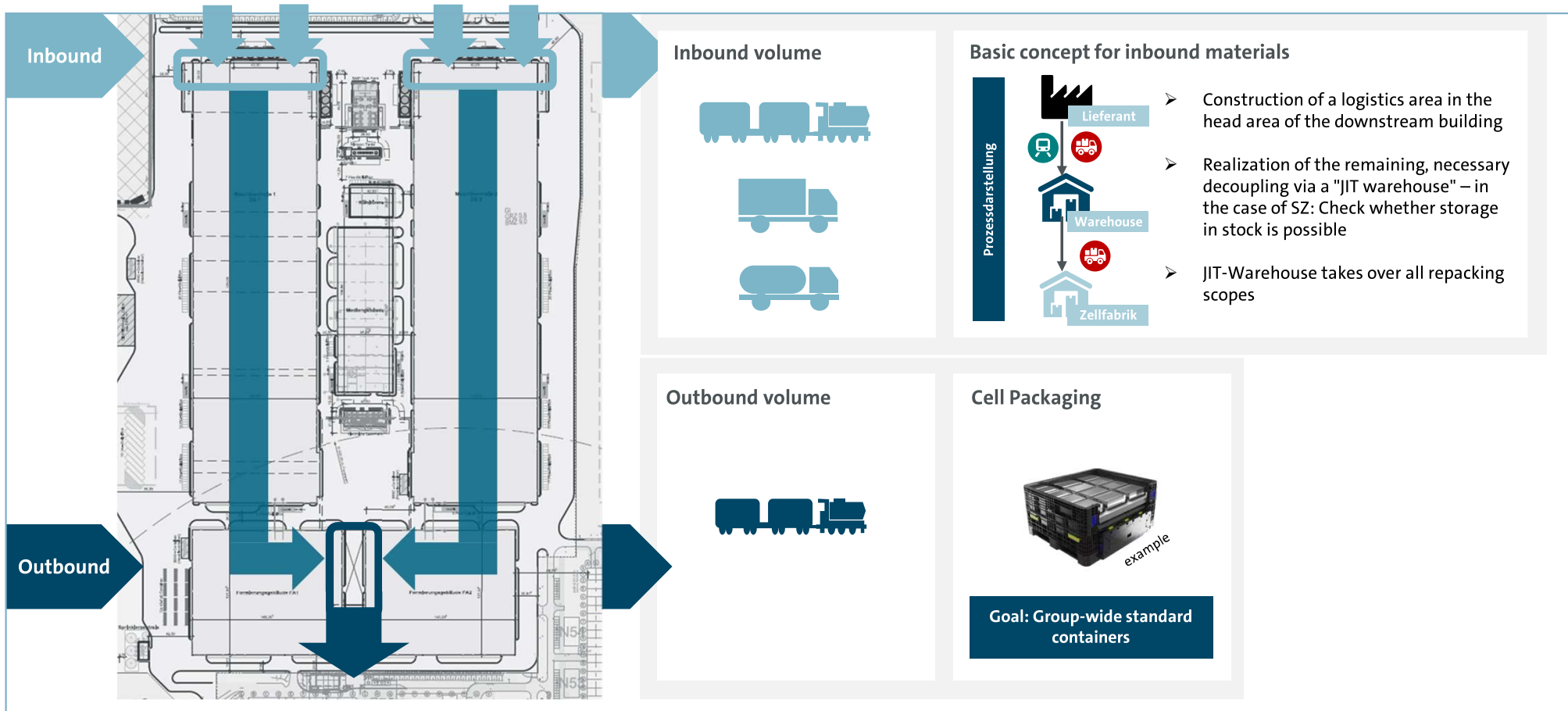
7. How we face those challenges: The Standard factory concept

General Layout informations



9. How we face those challenges: The Standard factory concept

Focus logistics



Thank's for
your attention

