

FAAS Sustainability Day 2025

Presentation of Knorr-Bremse
Systémy pro užitková vozidla ČR, s.r.o.



Knorr-Bremse Czech Republic members of Knorr-Bremse Group

3 sites / more than 1.685 employees during 2025



KNORR-BREMSE
Systémy pro užitková vozidla ČR, s.r.o.
Stráž and Nisou
Commercial Vehicles Braking Systems

- established in 1998
- 488 employees (04/2025)



Knorr-Bremse Services Europe s.r.o.
Liberec
Administrative services for IT, Accounting, HR and Indirect Purchasing

- established in 2017
- 402 employees (04/2025)



IFE-CR, a.s.
Brno Modřice
Rail Vehicles Door Systems

- established in 1996
- 795 employees (04/2025)



History of Hejnice plant



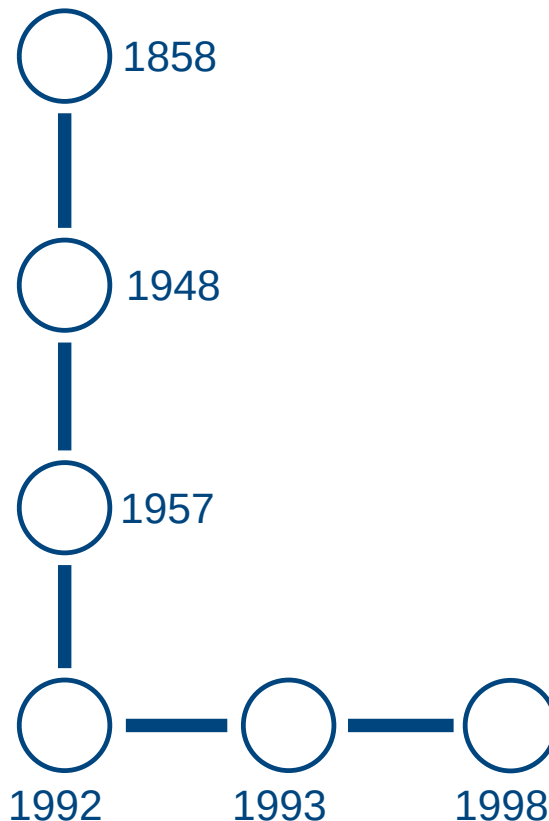
**Building and automotive history
1858 - 1957**

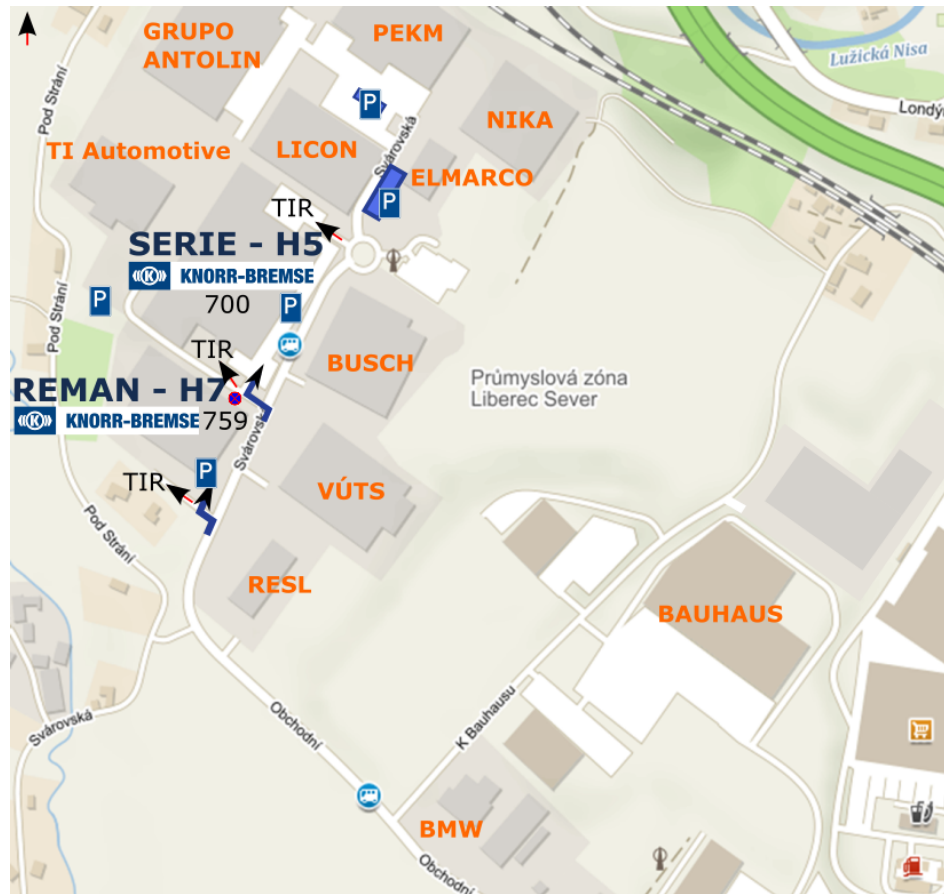
- 1858: Start of Hejnice in textile industry
- 1938 start of toy production
- 1948: After nationalization change to Autobrzdy
- 1957: Change to autobrake production – Autobrzdy Hejnice



**Production cooperation with KB
1992 - 2010**

- 1992: Production cooperation with the KNORR-BREMSE plant in Aldersbach
- 1993: The KNORR-AUTOBRZDY s.r.o. joint venture is founded
- 1998: KNORR-BREMSE acquires a 100% share
- The company is renamed to KNORR-BREMSE Systémy pro užitková vozidla ČR, s.r.o.





Autobrzdy Hejnice – main customers (Avia / LIAZ / Tatra)



Liberec Plant Overview

Number of employees

488

≈ Number of
assembly lines

17

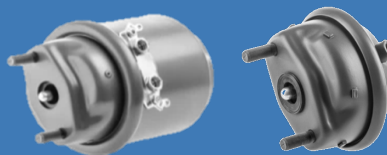
Product Portfolio

Filter cartridge



4.747.000 pcs/year

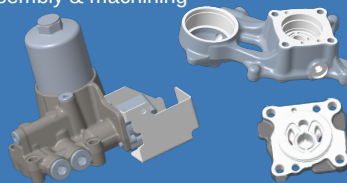
Brake chambers



1.218.000 pcs/year

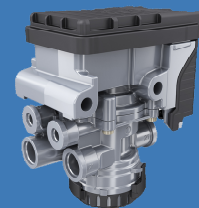
Electronic power steering

Sub-assembly & machining

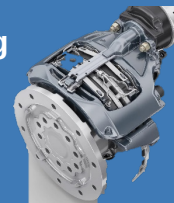


Assembly 50.000 pcs/year
Machining 150.000 pcs/year

Mechatronics remanufacturing

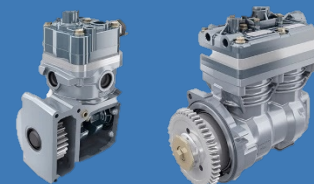


ADB including Remanufacturing



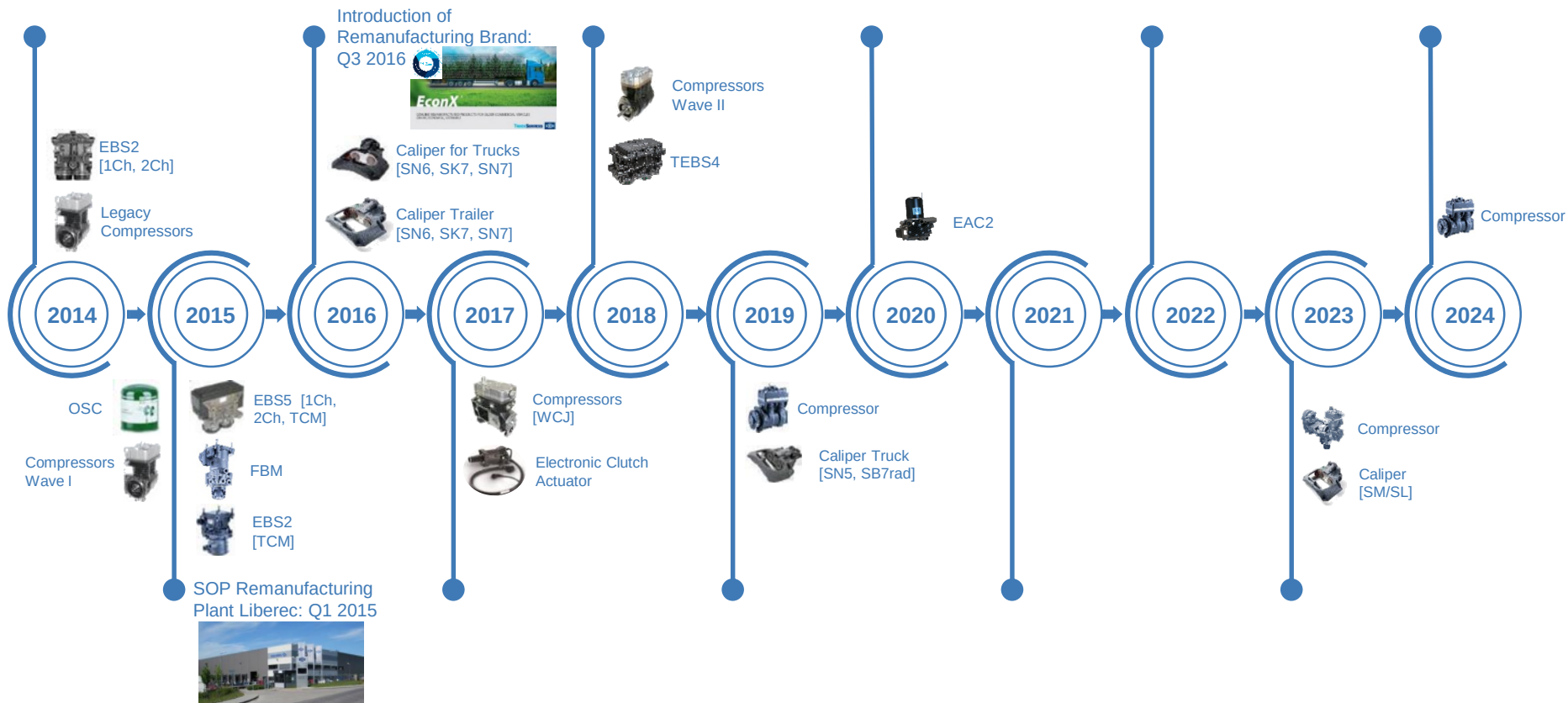
103.000 pcs/year

Compressors remanufacturing

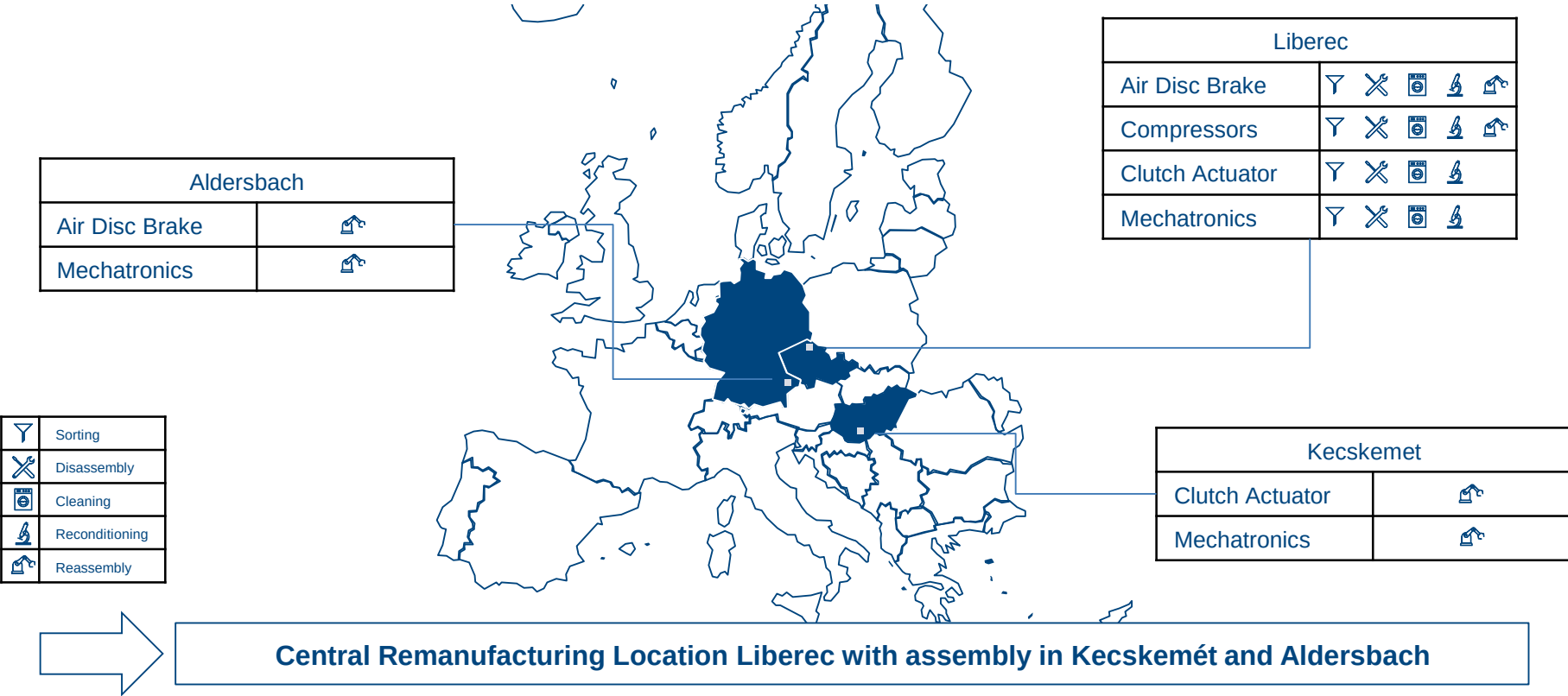


23.000 pcs/year

Knorr-Bremse TruckServices – Remanufacturing in EMEA



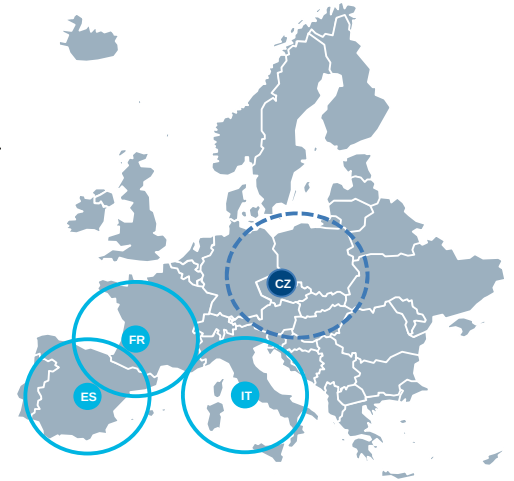
Remanufacturing Production Network in EMEA



Reman – New Projects 2025

ESB – Eletronic Control Units Repair

- New production concept – Repair
 - Complete diagnostics and repair of ECUs (not KB portfolio only)
 - Already existing process to be implemented in LIB
 - Currently running in Spain, Italy, France
- New Reman technologies
 - Jaltest ESB – diagnostics, software
 - Robotic soldering device
- New business oportunities
 - MAN engine ECUs repair, KB Rail synergies



Annual CO₂e, PED and material savings through EconX[®] products in 2024



CO₂e Savings

- 3.849.652 kg of CO₂e saved each year

△ 351Ha of forest
(appr. the size of Central Park, New York)¹⁾

1) 30 grams of CO₂ absorbed per day per tree, 1000 trees per Ha



Material Savings

- 1.352t of Material saved each year
- Excluding packaging

△ Weight of 17 fully loaded A320s²⁾

2) Maximum Take-Off Weight



PED Savings

- 20.630.402 kWh of PED saved each year

△ 111.516 m² solar panels³⁾
(appr. the size 16 football fields)

3) 185kWh per m²

Thank you for your attention

Let's start the plant tour ...

Knorr-Bremse Systémy pro užitková vozidla ČR s.r.o.
Jan Slavíček
Průmyslová zóna Liberec Sever
CZ-463 03 Stráž nad Nisou

Phone: +420 602 450 675
Mobile: +420 602 450 675
Email: jan.slavicek@knorr-bremse.com
www.knorr-bremse.com