



## Introduction

- 1. Programme 8 October
- 2. The Villingen plant
- 3. Kendrion at a glance
- 4. Volkswagen



# Programme

Welcome speech and presentation	P. Veenema
Industrial Drive Systems business unit	M. Bernhard
Presentation and factory tour	
Lunch	
Passenger Car Systems business unit	M. Kieninger
Presentation and factory tour	
Wrap-up and questions	
Drinks	
	Industrial Drive Systems business unit  Presentation and factory tour  Lunch  Passenger Car Systems business unit  Presentation and factory tour  Wrap-up and questions





## The Villingen plant

- More than 100 years old (foundation Binder Magnete in 1911)
- Wilhelm Binder invents the Binder Cone in 1940, today this cone is still used in nearly all solenoids and magnetic actuators
- A big crisis at the beginning of the nineties, almost bankrupt
- Lacked organisational focus => introduction of business segmentation in 1995
- Kendrion (Schuttersveld) acquires Binder Magnete in 1997; strong brand name
- Expansion of the automotive activities started in the zeroes



### The Villingen plant

- ISO/TS 16949 certification in 2002 (integrated quality and environmental management system)
- Industrial magnets production moved out in 2002/2003 to Donaueschingen (merge with the acquisition Thoma Magnete)
- Patent High Torque PE Brake in 2005
- Street renamed to Wilhelm Binder Strasse in 2011
- Now in Villingen: business units Passenger Car Systems and Industrial Drive Systems, in total about 430 employees





## The Kendrion organisation



- Development, production and marketing of high-quality electromagnetic and mechatronic systems and components
- 2,700 employees (including about 80 temps) in 15 countries
- Revenue in 2014: approximately EUR 430 million
- Listed company on Euronext's Amsterdam Market



## **Locations Division Industrial**







#### **Business summary**

- To be a leader in business-to-business niche markets
- To be a leader in innovation and technology
- To be a financially strong company
- Steady growth to achieve our ambitious targets
- Focus on long-term partnerships with our global customers
- Balanced spread of operations to mitigate our risks
- CSR & sustainability spearheads in our operations
- Acquisitions as important part of our growth strategy
- Core technologies driving our business
- Providing fast solutions meeting highest technology standards
- Our global network of production, engineering & sales facilities

Mission

Strategy

Profile



### Core technologies driving our business

### From components to integrated solutions

Experts in Electromagnetism and the design of electromagnetic actuators

Fluid technology specialists to insure highest quality and durability of electromagnetic valves

Electronic competence center to fulfill individual needs of our customers in regards to control, operating and display devices

These technologies and the combination of them enable us to provide not only components but mechatronic

solutions

for industrial and automotive customers

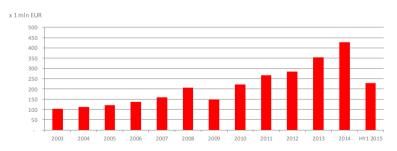


# Kendrion a leader in innovation and technology

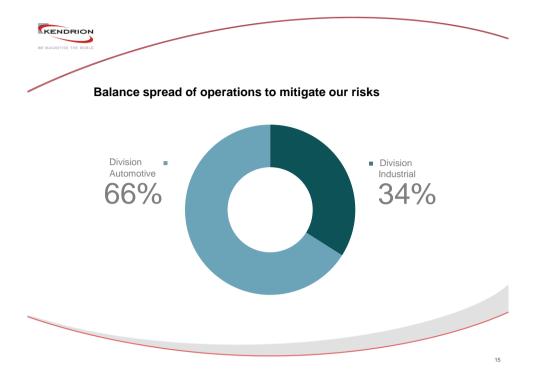




# Steady growth to our ambitious targets



\*Only electromagnetic companies (2003-2007)
\*\* Kuhnke sales included from May 2013 onwards









# Volkswagen

- Kendrion's annual turnover to the Volkswagen group is approximately
   EUR 60 million (>50% in diesel engines)
- Kendrion's annual turnover in diesel engine components is approximately
   EUR 60 million (>50% to Volkswagen)
- Kendrion's components are not in the by Volkswagen exported cars to the USA (EURO-5 engines)
- Kendrion's turnover in new EURO-6 engines is growing
- Direct effect of the diesel issue, both on the short and long term is difficult to predict, but in terms of total Kendrion turnover expected to be limited on a yearly base

