# **Presentation to Investors**

# February 2011



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### Vossloh

# Specialist in rail technology with leading market positions

### **Vossloh AG**

### Rail Infrastructure



**Vossloh Fastening Systems** 



**Vossloh Switch Systems** 



**Vossloh Rail Services** 

### **Transportation**



Transportation Systems

Vossloh Locomotives

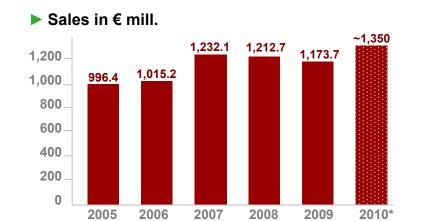


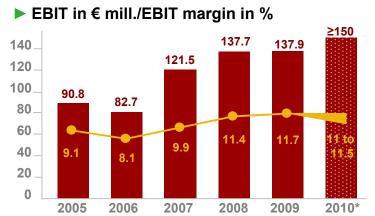
Vossloh Rail Vehicles



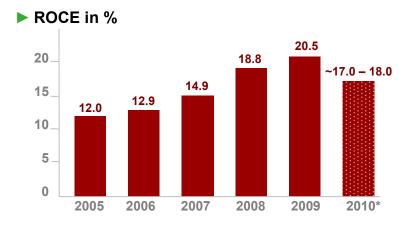
**Vossloh Electrical Systems** 

# **Business in 2010 heading for new all-time highs**













<sup>\*</sup> Estimated

### 2010: Market entry in new growth areas

- ➤ Sales and earnings by the Vossloh Group in the first nine months 2010 showing double-digit advance (mainly organic); the Kiel location generating higher Q3 sales for the first time since H1/2008
- ▶ **New business unit** Rail Services succeeding according to plan and progressing briskly with its high-speed grinding product
- ▶ **Major contracts** from Libya, Sweden, China, etc. breeding continued organic growth
- ► Access into the Russian growth market for rail infrastructure through a first sizable contract for supplying rail fasteners
- ➤ **Second footing in China:** joint venture formed with two Chinese associates for the production of rail switches





# Accelerated sales growth and again high margin

- ▶ Sales increase to continue in 2011 and, even steeper, in 2012
- ▶ EBIT improving at the same pace as sales; EBIT margin largely unchanged
- ▶ ROCE easily above 15% and rising again upon capex program completion after 2011
- ▶ **Group earnings** uptrend continuing despite heavier tax ratio
- **▶** Dividend reflecting successful performance

	2010e	<b>2011</b> p	2012p
Sales (€ billion)	approx. 1.35	approx. 1.4	approx. 1.5
EBIT (€ million)	≥150	>160	>170
EBIT margin (%)	11–11.5	11–11.5	11–11.5
Group earnings (€ million)	≥93	>95	approx. 100
Earnings per share (EpS) (€)	approx. 7.00	approx. 7.20	approx. 7.50
ROCE (%)	approx. 17–18	approx. 17	approx. 18
Value added (€ million)	approx. 60	approx. 65	approx. 75
Dividend per share (€)	2.50	≥2.50	≥2.50



# Financial indicators remaining solid

- ▶ Working capital intensity to be upgraded but estimated to continue around 22%
- ► Capital employed on a high level, substantially through capital expenditures to cement market position and boost growth
- ► Net financial debt staying low



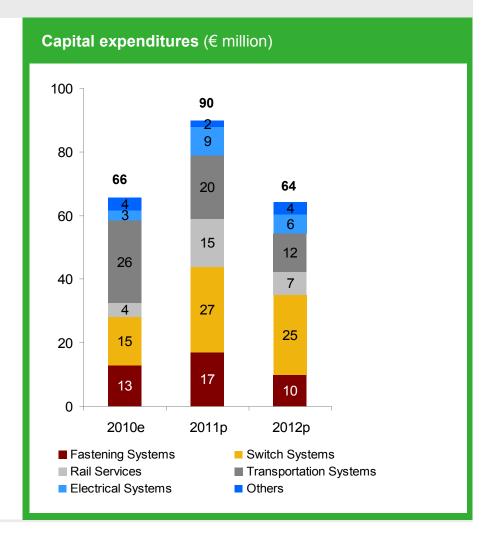


	2010e	2011p	2012p
Total assets (€ billion)	approx. 1.36	approx. 1.4	approx. 1.5
Total equity (€ million)	approx. 570	approx. 630	approx. 690
Average working capital (€ million)	approx. 300	approx. 310	approx. 330
Working capital intensity (%)	≥ 22	approx. 22	approx. 22
Average capital employed (€ million)	approx. 850– 900	approx. 900–950	>950
Net financial debt (€ million)	approx. 100-150	approx. 100-150	<150
Net leverage (%)	approx. 20	approx. 20-25	approx. 20



## Capex surge to boost growth

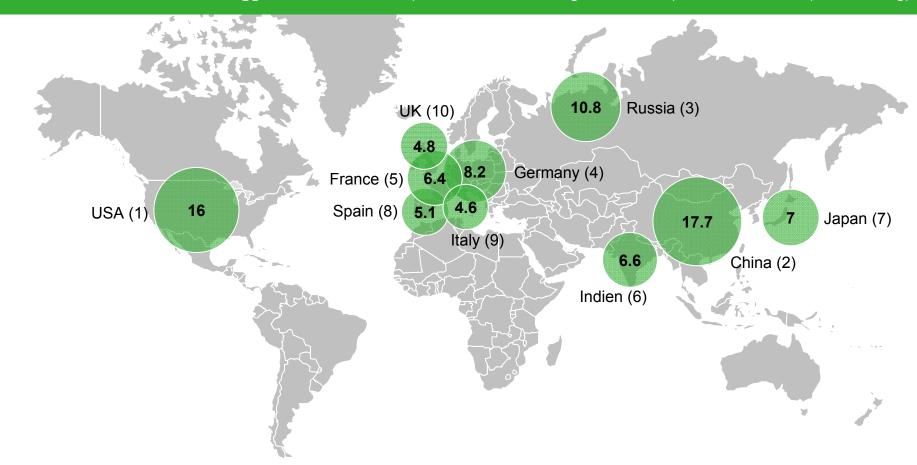
- ➤ Capex of around €90 million at group level in 2011 for expanding and bolstering market position, thereafter sinking toward the level of amortization/depreciation
- ► Amortization/depreciation expected at around €40 million in 2011 and about €45 million in 2012
- ▶ Rail Infrastructure capex: focus in 2011 on Switch Systems (new China joint venture); at Fastening Systems, expenditures mainly for a new production plant in Russia; at Rail Services, centering on further development of high-speed grinding
- ➤ Transportation capex: in 2011 again chiefly at the Transportation Systems BU for developing new types of locomotives and trams/LRV



# Regional markets: the world's ten biggest rail markets

China, Russia and USA with biggest market volume¹ (in € bill.; annual average 2009–2011)

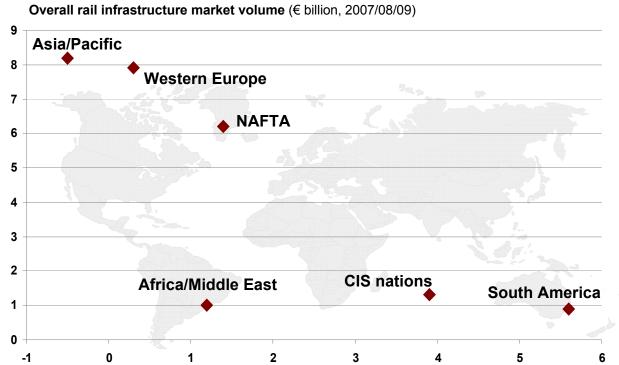
(2009 ranking)



<sup>&</sup>lt;sup>1</sup> SCI: The Worldwide Market for Railway Technology 2010

### Rail infrastructure market still inviting

Asia and Western Europe with large market volume, CIS and South America booming<sup>1</sup>



- ▶ Between 2005 and 2010e, Vossloh Rail Infrastructure has easily outgrown its market as such: annual market growth 4.6%; Vossloh's sales have more than doubled, rising 16.7% annually
- ➤ For the years ahead, Vossloh plans an annual rail infrastructure growth of at least 5% (market forecast: 0.7% yearly)
- In Asia/Pacific, Vossloh expects ongoing growth

Average annual growth rates (in %, 2007/08/09–2015/16)

<sup>1</sup> UNIFE, BCG: World Rail Market Study 2020, overall market volume acc. to average annual order intake, market data incl. electrification

## **Vossloh Fastening Systems**

### **Fasteners for Russia**

### **New production facility**

- **Expenditures** of €15 million, incl. €7 million budgeted for 2011; annual capacity of some €60 million
- ▶ W 30 fastening system: homologated specifically for Russian conditions since September 2010, engineered for the challenging and in some cases extreme climates
- ► Contract for supplying rail fasteners to the Russian rail company RZD, awarded in October, ensures successful entry into the Russian rail infrastructure market

### Russia to revamp its rail network extensively

▶ Up to 2030, heavy expenditures for revamping and extending the Russian rail network envisaged. Capex volume totaling about €380 billion<sup>1</sup>. By 2015, approx. 3,000 km of new lines to be built and 2,700 km electrified



<sup>&</sup>lt;sup>1</sup> Germany Trade and Invest, as of Oct. 6, 2010

## **Vossloh Switch Systems**

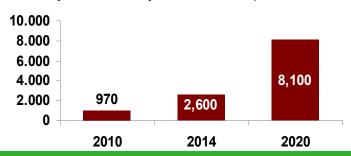
### **Switches and turnouts for China**

### **New production facility**

- **Vossloh spending** €15 million, incl. €10 million budgeted for 2011; **annual capacity** for over €80 million (2,600 switches)
- ▶ **Setting up a joint venture together** with China Railway Materials Group (CRMG) and Huaxing close to Nanjing
- ► Target markets: local transport, industrial tracks

#### **Local transport market zooming**

Local public transport in China (network in km)<sup>1</sup>





<sup>&</sup>lt;sup>1</sup> Source: Vossloh AG

### **Vossloh Rail Services**

## **High-speed grinding**

### Innovative rail maintenance technology

- **Capex** to total around €13 million, incl. €11 million budgeted for 2011; annual capacity for over €24 million
- ▶ Development and construction of **three grinding trains** together with Vossloh Locomotives
- ► High-speed grinding (HSG):
  - Preventive rail grinding technique
  - Doubles rail life
  - USP: high grinding speed of 80 km/h
  - No track shutdown necessary

### Patented and working successfully for German Rail (DB)

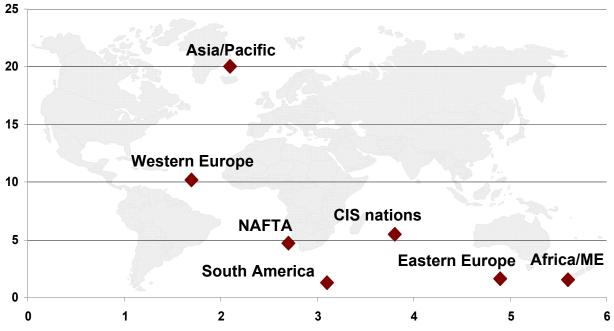
▶ In use following the pilot projects on the high-speed Nürnberg-Ingolstadt line and in Switzerland, etc.; keen international interest, too



### Rolling stock in selected regions with potential

Growth mainly in Africa/Middle East, Eastern Europe and CIS, Western Europe remaining no. 2 market<sup>1</sup>

Overall transport vehicle market volume (€ billion, 2007/08/09)



- Vossloh Transportation is a successful specialist in selected markets and products
- Freight and local public transport will show strong growth over the years ahead: segments in which Vossloh is well positioned
- ➤ Vossloh Transportation will focus over the coming years on Western and Eastern Europe; growth opportunities in CIS, NAFTA, and Africa/Middle East

Average annual growth rates (in %, 2007/08/09–2015/16)

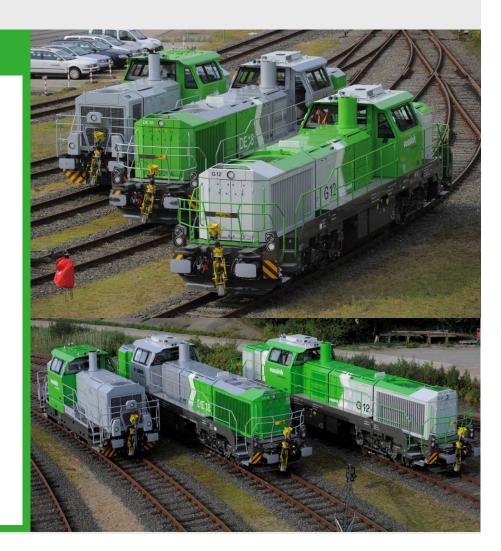
<sup>&</sup>lt;sup>1</sup> UNIFE, BCG: World Rail Market Study 2020, overall market volume acc. to average annual order intake

## **Vossloh Transportation Systems, Locomotives**

# Modular mid-cab locomotive family

### **Growth through modern and efficient locomotives**

- **Capex** totaling around €24 million, incl. €6 million budgeted for 2011
- ▶ Mid-cab locomotive family: parts commonality strategy enhances customer benefits regarding quality, cost efficiency, servicing
- ▶ Vossloh in-house diesel-electric traction systems, hence:
  - Extended level of insourcing and less dependence on outside suppliers
  - Open for energy-saving technologies such as hybrid technology, start-stop systems, dual-mode locomotives, etc.
  - Possibility of accessing new markets: Eastern Europe, Russia, MENA
- ► Complies with new statutory requirements including crashworthiness, noise protection, and emission control



## **Vossloh Transportation Systems, Rail Vehicles**

### **EUROLIGHT** and trams

#### **EUROLIGHT** for lines with axle load limits

- Capex totaling around €11 million, incl. €3 million budgeted for 2011
- ► Four-axle diesel-electric locomotive for freight and passenger haulage, rating 2,800 kW
- ► Access to new markets with low mainline axle loads, e.g. Eastern Europe, Southern Europe, European secondary lines

#### Trams for the international market

- **Capex** of around €14 million, incl. €6 million for 2011
- ► Vossloh trams (TramLink) with mechanical and electrical systems all sourced from Vossloh
- First market reference: Northern Spain, etc.
- ► All the ingredients for a complete local rail transport program: metros, train-trams and trams



### Modernization and further selective capacity enlargements

### Modernization moves particularly at Rail Infrastructure

- ► Capex of around €15 million budgeted for 2011
- ▶ New machinery, e.g. millers and new forges for the Switch Systems locations, machine tools for Fastening Systems, sand blasters for Transportation Systems

#### Additional capacity enlargements

- **Capex** of around €26 million budgeted for 2011
- ▶ Key projects: new bending plant in China, continuous pickling plant in Turkey, extension of development capacities at Electrical Systems, component part production facilities for Fastening Systems in Germany



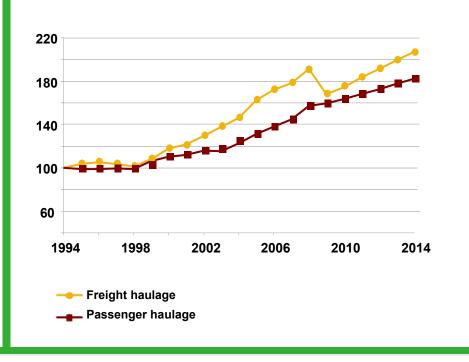
## Rail-bound transportation growing at a steady rate

#### **Urbanization and global trading trigger rail haulage trends**

- ➤ The favorable energy and emissions balance of railbound haulage is a persuasive argument in favor of this transport mode
- ▶ Growing political support, too: relocating haulage to rail is an objective of the EU and many governments in Europe; many non-European countries in Asia, MENA (Middle East & North Africa), and the United States are supporting the setting up and expansion of rail haulage at the expense of other transportation modes

### Worldwide rail haulage output (1994=100)<sup>1</sup>

- ► Freight haulage rising despite crisis: 3.7% annually¹
- ► Passenger haulage growing steadily: 3.0% annually¹



<sup>&</sup>lt;sup>1</sup> UNIFE, BCG: World Rail Market Study 2020; SCI: The Worldwide Market for Railway Technology 2009–2014; UIC; freight haulage: 100 = 5,333,807 million tkm; passenger haulage: 100 = 1,707,568 million pkm

### Strongly positioned to outpace market growth

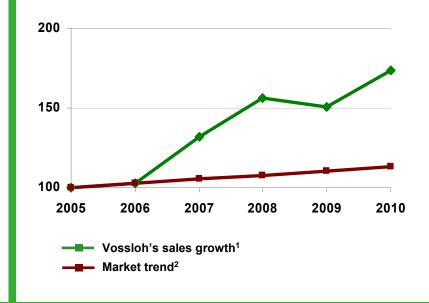
#### **Growth drivers: products and new markets**

- ➤ Efficient products: Vossloh offers intelligent products and solutions for growing mobility needs: reliably and individually tailored to customers and their economic benefits
- ▶ Internationalization: Vossloh has a strong market presence and operates in 100+ countries worldwide. Ongoing internationalization, especially in regions with high growth potential, remains an important driving force of its business

### Vossloh easily outperforming the market

Vossloh's annual sales growth rate: 11.9%¹
 ► Annual rail market growth rate: 2.8%²

**Vossloh and market growth** (2005=100)



<sup>&</sup>lt;sup>1</sup> Vossloh group sales 2005–2010e, all excl. Infrastructure Services (sold in 2008) and Information Technologies (sold in 2006)

<sup>&</sup>lt;sup>2</sup> UNIFE, BCG: World Rail Market Study 2020, €121.5 billion average market volume in 2005–2007, €136 billion average market volume in 2007–2009, as well as assuming a 2.4% growth rate for 2010, overall market volume acc. to average annual order intake



# Further growth following record sales and EBIT in 2010

- ▶ Vossloh expects further organic growth for 2011 and 2012; customerfocused products and services as well as ongoing internationalization, especially outside of Europe, continue to be the key growth drivers
- ▶ Rail Infrastructure division to contribute particularly to sales growth; Transportation division to return to its accustomed strength in 2012
- ▶ With the EBIT margin continuing high and despite extensive capex, value added to advance further
- ▶ Net financial debt and net leverage remaining moderate
- ► M&A deals can supplement organic growth



# **Financial diary and contacts**

### **Financial diary**

► March 31, 2011	Conference with the press, investors & analysts: presentation of financial information 2010 <sup>1</sup>
► May 4, 2011	Interim report as of March 31, 2011 <sup>1</sup>
► May 25, 2011	Annual general meeting
▶ July 27, 2011	Interim report as of June 30, 2011 <sup>1</sup>
➤ October 27, 2011	Interim report as of September 30, 2011 <sup>1</sup>
► December 2011	Conference with investors and analysts <sup>1</sup>

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