## Presentation ThyssenKrupp

July 2012



## Agenda

- Key Figures, Strategic Way Forward and Group Outlook
- Group Performance and Financials
- Business Area Performance
- Conclusion



## Q2 2011/12: Highlights – Continued Operations

**Demand** 

Robust top line in a challenging materials pricing environment

Order intake

€11.6 bn

+15% qoq / +2% yoy

Sales

€10.6 bn

+7% qoq / -1% yoy

Book-to-bill: >1

**Profit** 

Group EBIT with moderate sequential improvement

EBIT adjusted

€134 m

+61% qoq / -69% yoy

- Slight improvement at materials businesses
  - Increasing volumes, but intense price competition
  - Loss reduction at Steel Americas: progress in ramp-up, but pricing still insufficient
- Improved contribution from capital goods businesses
  - Higher at Components Technology and Marine Systems
  - Temporarily lower at Elevator Technology and Plant Technology

Cash

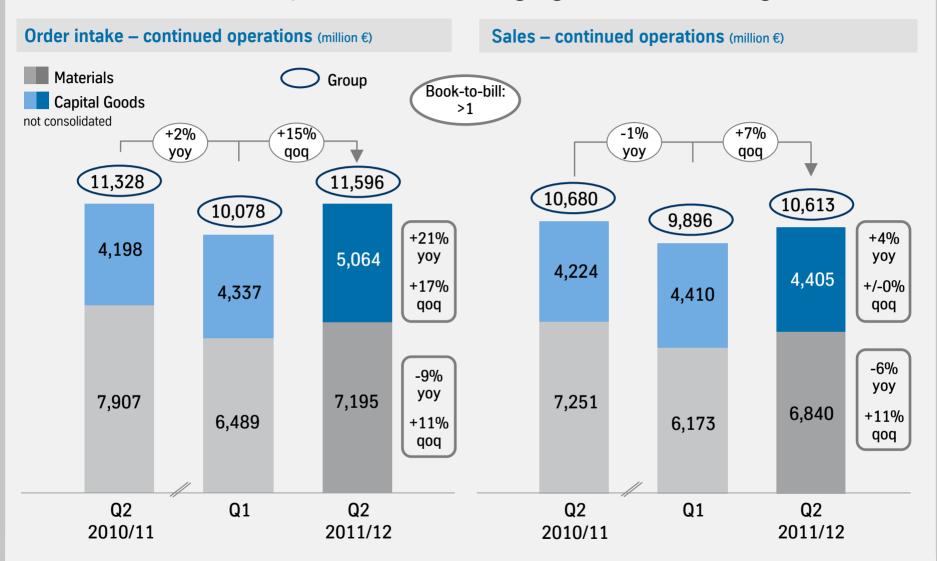
- FCF cont. ops. of €(268) m with qoq +€1.5 bn and yoy +€0.5 bn improvement
- NFD increase to €6.5 bn by dividend, FCF cont. €(268) m & FCF disc. ops. of €(153) m
- Bond placement (€1.25 bn) to foster solid refinancing & further extend maturity profile

Outlook

FY 2011/12: EBIT adjusted in mid three-digit million euro range



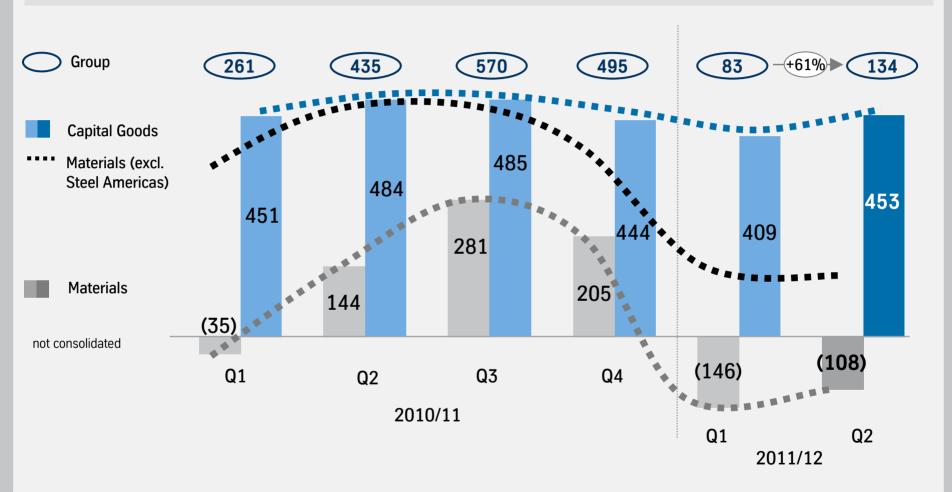
## Q2 2011/12: Robust Top Line in a Challenging Materials Pricing Environment



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### Sequential Improvement at Materials and Capital Goods Businesses

EBIT adjusted – continued operations (million €)



<sup>\*</sup> Continued operations = ex Stainless Global

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### ThyssenKrupp – Strategic Way Forward



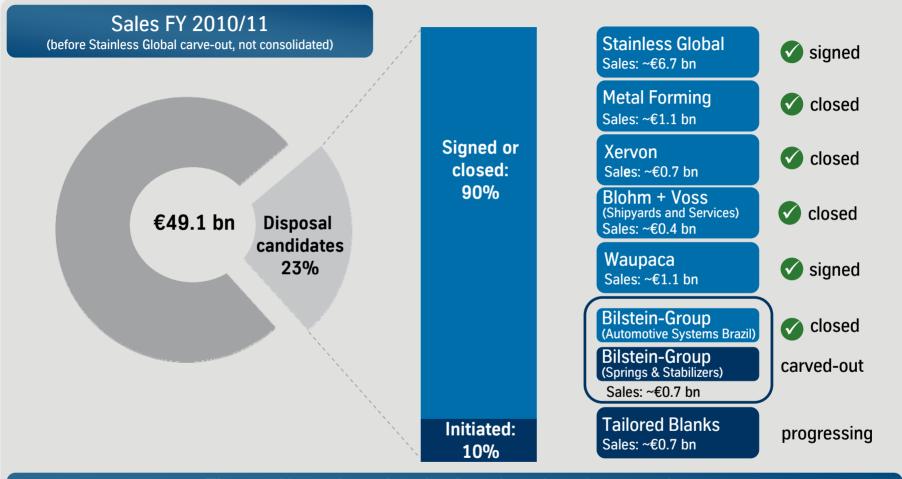






Presta Steering

#### Portfolio Optimization: Geared to Reduce Volatility and Complexity



ThyssenKrupp has already signed or closed transactions comprising ~ 90% of sales to be divested



#### Assessment of Strategic Perspective for Steel Americas

#### **Key consideration**

#### **Situation**

## Technology position



 Positive mid-term perspective: leading technology and competitive cost position achievable

## Quality position



 State-of-the-art slab plant in Brazil and rolling & coating plant in Southern US

## Processing efficiency



 Benchmark potential in Latin America & NAFTA after consequent optimization

## Integrated slab cost advantage in NAFTA

Decreasing cost advantages ex Brazil

- input cost inflation (esp. labor)
- appreciation of BRL vs USD
- Change of iron ore price level/price models

# Premium margin potential

- Price premium for auto grades achievable against increasing competition
- Market entry includes significant exposure to highly price sensitive SSC and sale of excess inventory

#### **Next steps:**

- completion of technical ramp-up and continuation of operational optimization
- challenge expected business case against all strategic options to potentially leverage existing strength in an alternative concept



## Change Mgmt: Mgmt Changes Complementing the Strategic Way Forward





implementing separation



Elevator Technology
Schierenbeck (CEO\*\*) /

Keles (CFO)



#### Outlook FY 2011/12 – Continued Operations

#### **Materials**

#### **Capital Goods**

#### H2 vs H1 2011/12

#### Moderate improvement in EBIT adjusted in H2 2011/12

- Steel Europe: volumes and prices influenced by continuing intense competition; earnings on H1 level
- Steel Americas: improvements by increased stability of the operational ramp-up set against continuing price pressure due to the market entry
- Materials Services: improving earnings

- Elevator Technology: stabilizing earnings
- Plant Technology: improving earnings
- Components Technology: current good operating levels to continue into H2
- Marine Systems: earnings contribution at normalized level

#### Group

FY 2011/12

- EBIT adjusted in mid three-digit million euro range
- Capex max. €2 bn



## Agenda

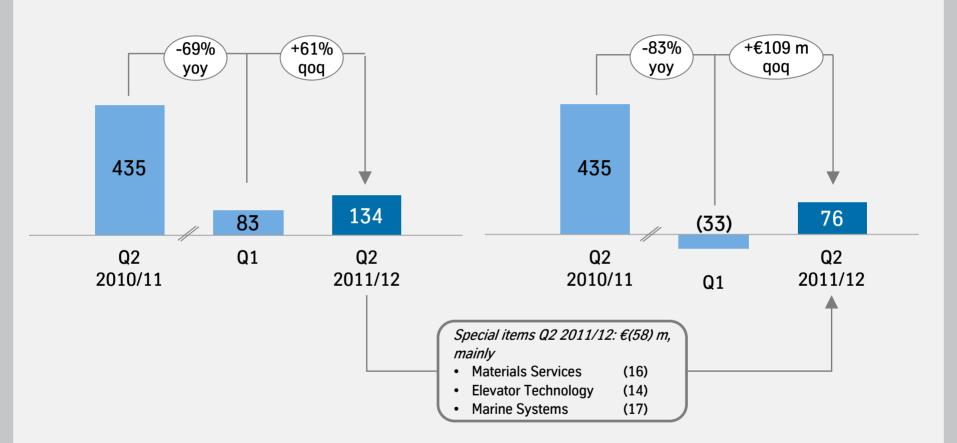
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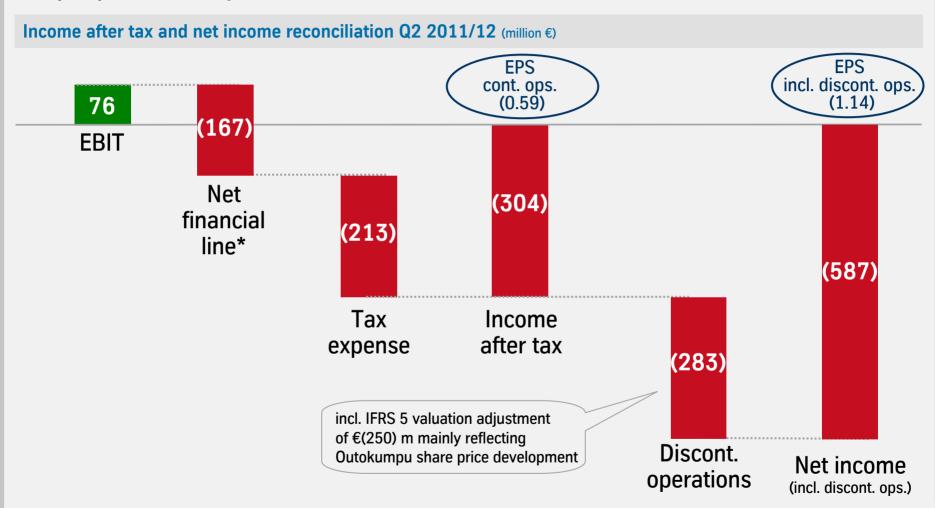
#### **Group EBIT with Moderate Improvement**

**EBIT adjusted – continued operations** (million €)

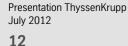
**EBIT** – **continued operations** (million €)



# Subdued Profitability and Fair Value Adjustments Weighing Disproportionately on After-Tax Results



<sup>\*</sup> including depreciation on capitalized interest of €(10) m and addition of accrued interest for personnel-related provisions and other provisions of €(32) m

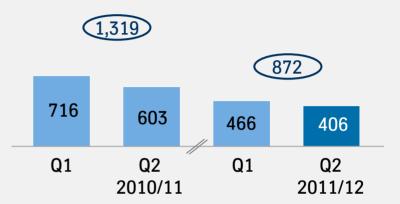




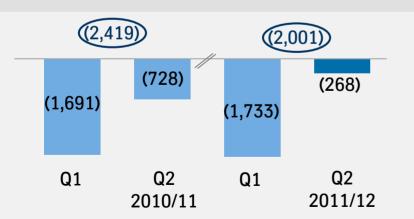
## Cash Flow Profile with Significant Sequential Improvement







FCF – continued operations (million €)



Net financial debt - incl. discont. ops. (million €)

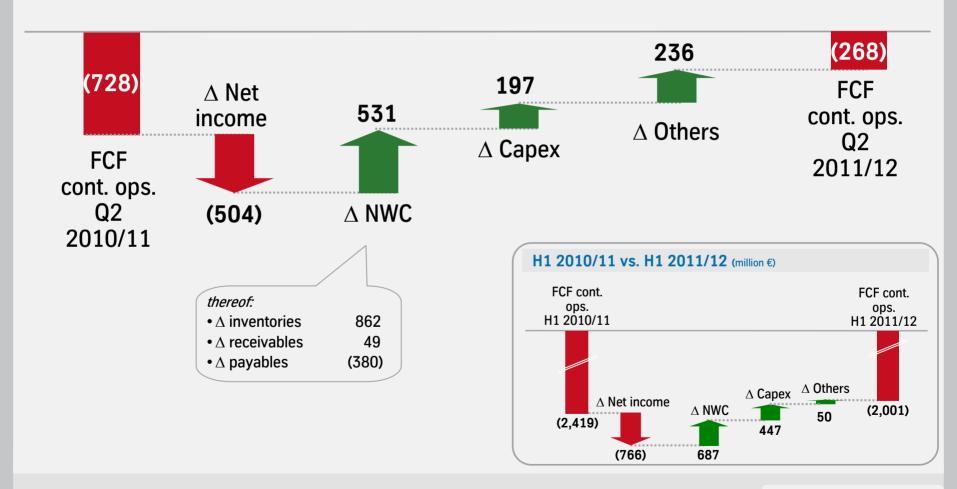






# FCF Less Negative Despite Lower Earnings Given Reduced Investments in NWC and Lower Capex

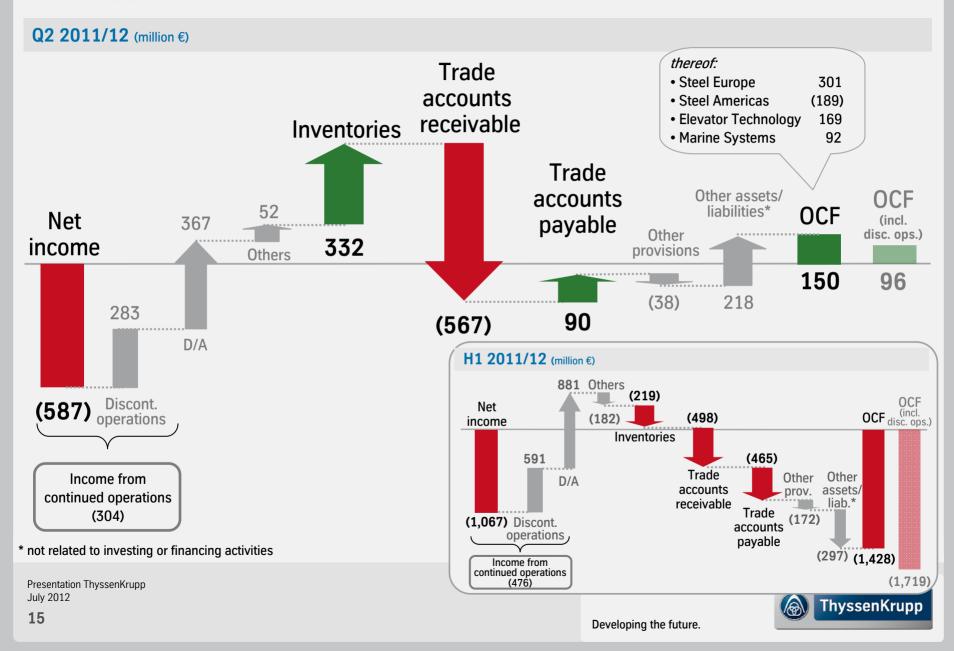
FCF reconciliation Q2 2010/11 vs Q2 2011/12 (million €)



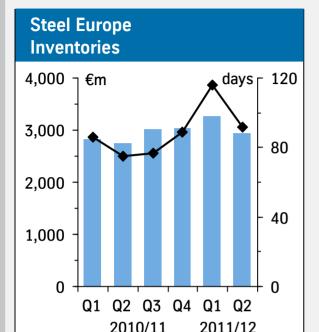
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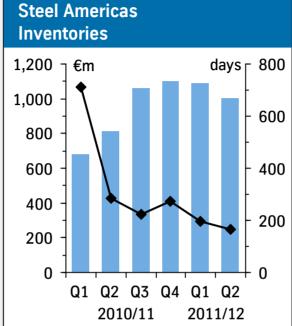
### **OCF Supported by Release of Inventories**



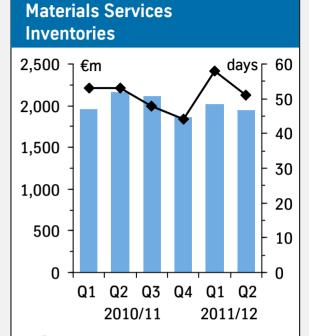
#### **Declining Inventories Across All Materials-Related Businesses**



- Qoq inventories down by ~1.3 m t
  - ~1 m t ore, coal and coke
  - ~0.3 m t slabs & finished prod.
- Cash conversion partially delayed/ cushioned by
  - higher receivables following reduction of finished products
  - reduction of payables reflecting reduced raw material purchases



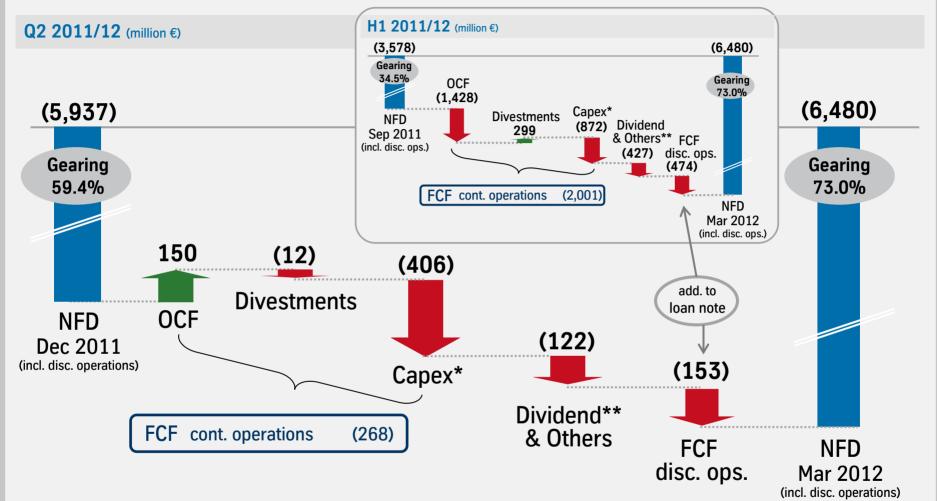
- Qoq slabs & finished products inventories down by ~80 kt
  - improving internal logistics
  - sale of stock at Steel USA



- Qoq inventories down by ~70 kt
  - mainly raw materials reflecting lower demand from the mills



### Increase in NFD due to Increase in NWC, Americas Ramp-Up and Dividend



<sup>\*</sup> Capex for property, plant & equipment, financial & intangible assets and financial investments

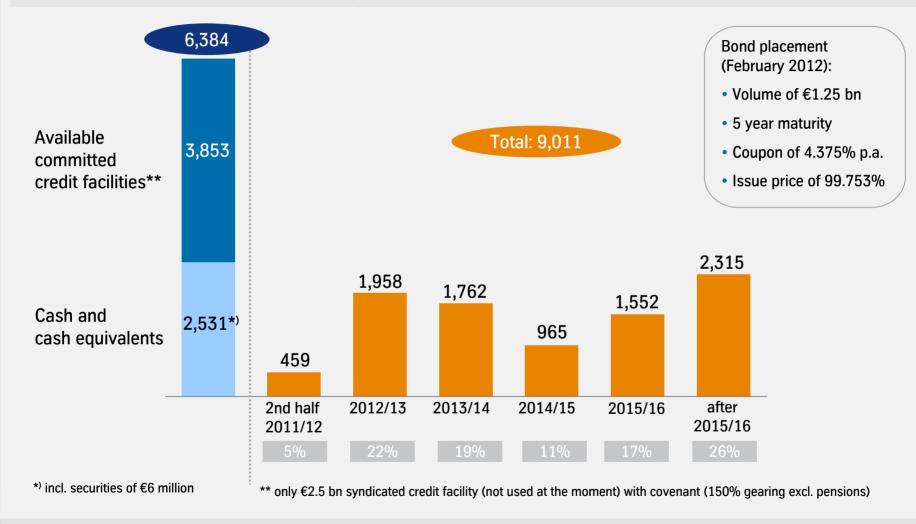
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<sup>\*\*</sup> Dividend payment of €232 m

#### **Solid Financial Situation**

Liquidity analysis and maturity profile of gross financial debt as of March 31, 2012

(million €)





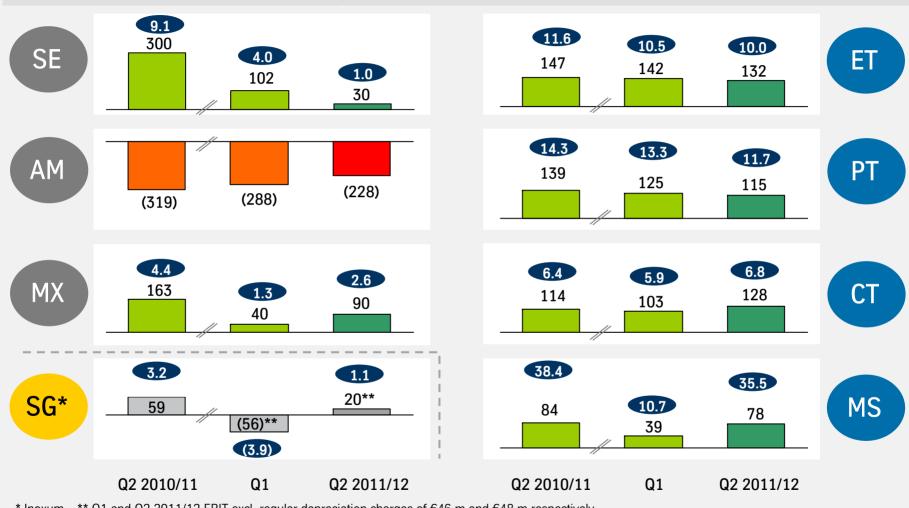
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#### All Continued Operations with Positive EBIT Performance (Except AM)

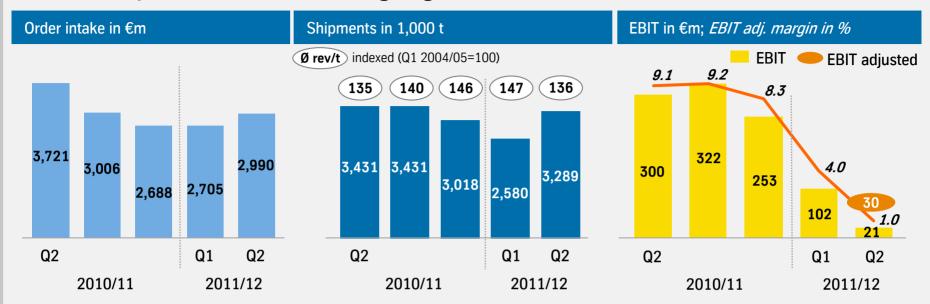




<sup>\*</sup> Inoxum \*\* Q1 and Q2 2011/12 EBIT excl. regular depreciation charges of €46 m and €48 m respectively



## Steel Europe – Q2 2011/12 Highlights



#### Price development flat carbon steel; Index (Q3 1997 = 100)



#### **Current trading conditions**

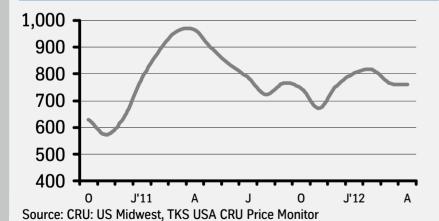
- Decrease in EBIT in fiscal Q2 as lower Ø revenues/t could not be compensated by higher volumes and lower costs
- Expectation fiscal H2: volume and price development reflecting intense competition with EBIT adj. on H1 level
- Unsatisfactory pricing env't and demand below peak periods; currently no need to restart relined BF#9 in June



## Steel Americas - Q2 2011/12 Highlights



#### Hot Rolled Black CRU Price in \$/t



#### **Current trading conditions**

- Technical ramp-up progressing: Coke battery C with 1<sup>st</sup> push end of fiscal Q2, first sizeable production volumes in April, 80% utilization expected by September; completion of technical ramp-up phase expected in fiscal Q4
- Pricing conditions remain challenging: Certification processes with encouraging progress, however, current performance still virtually completely driven by highly competitive commodity business

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## Materials Services – Q2 2011/12 Highlights



#### Key performance factor: global presence



#### **Current trading conditions**

- Challenging environment for prices and volumes
- Customers continue to act very cautiously considering prices and inventories
- Good demand from aerospace customers
- Volumes in Raw Materials trading impacted by lower utilization of customers (e.g. steel industry)

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## Elevator Technology – Q2 2011/12 Highlights



#### FY 2011/12 profitability impacted by:

- Americas: normalization of margins on lower level after favorable backlog from pre-crisis has been worked down
  - ACC: market in the US still depressed after crisis
- SEAME: weak demand and pricing in Southern Europe
- Escalators: temporarily weaker order intake leads to lower utilization
- EBIT in FY 2011/12 will be lower vs. FY 2010/11;
   EBIT margin will be around 10%

#### **Current trading conditions**

- Competitive pricing environment in all business lines and regions
- NI demand: sustainable strong growth in China, stability in Northern Europe, improvements in US markets
- Modernization supports business in Europe and North America
- Maintenance portfolio growing constantly on a worldwide scale



## Plant Technology – Q2 2011/12 Highlights



#### Major order intake Q2 2011/12

8 Polycoms and 6 ball mills, copper mine, South America:



- Capacity: up to 240,000 tons per day
- Order value: ~ €85 m
- Commissioning: 2014

#### **Current trading conditions**

- Ongoing strong demand from the minerals & mining and the automotive industry, project delays at chemical plants
- EBIT margin at normalized double-digit level after completion of some high-margin projects in Q1
- Further increase of order backlog to secure > 1.5 years of sales

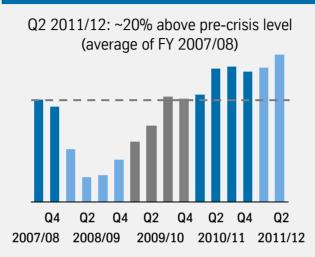
(Picture shows comparable project)

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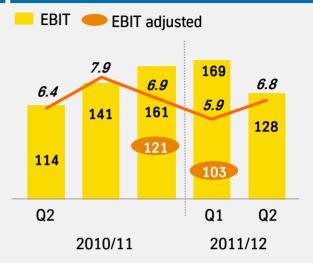
### Components Technology – Q2 2011/12 Highlights



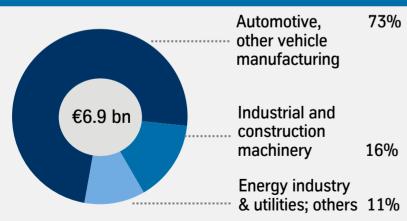
#### Quarterly order intake auto components



#### EBIT in €m; EBIT adj. margin in %



#### Sales by end markets FY 2010/11



#### **Current trading conditions**

- Further increase in order intake and sales due to strong demand from automotive customers (mainly mid-size and premium segment) and general machinery industry
- Wind energy industry still impacted by slower growth and weak demand in China
- EBIT margin adj. in H1 with effects from higher development costs for new products, costs for reopening of iron foundry in the US and ramp-up costs for new plants in India & China;
   Q2 margin higher qoq and yoy
- Sale of Waupaca (May 14) Signed



## Marine Systems – Q2 2011/12 Highlights

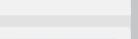


#### Target organizational structure achieved

E	Business Area Marine Systems			
Kockums (KAB)	Howaldtswerke - Deutsche Werft (HDW)	Blohm + Voss Nava (BVN)		
Karlskrona / Malmö (SWE)	Kiel	Hamburg		
	+			
Submarines / Naval Surface Vessels	Submarines	Naval Surface Vessels		

#### **Current trading conditions**

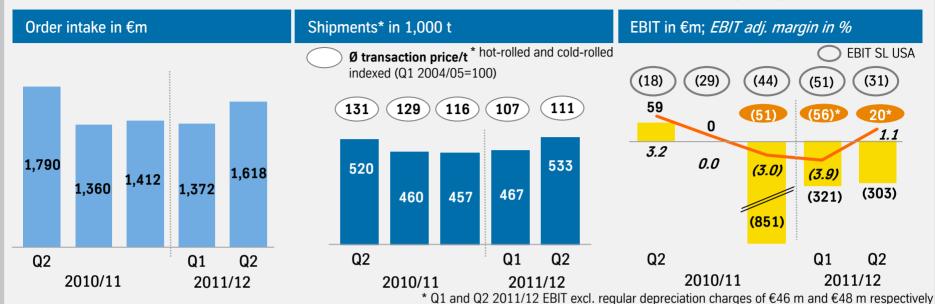
- Market environment for submarines challenging due to political unrest in MENA region
- Earnings impacted by special items of €(17) m resulting mainly from the sale of civil shipbuilding operations
- Sale of civil shipbuilding activities to Star Capital closed



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## Discontinued Operations: Stainless Global – Q2 2011/12 Highlights



## Nickel price development & monthly order intake (EU 29)



#### **Current trading conditions**

- Ongoing robust demand in Germany from end customers, especially automotive and pipe & tube; some weakness observable in white goods industry
- Increased order intake qoq due to pick-up in demand since beginning of 2012
- Higher average transaction prices qoq, but decreasing alloy surcharges since April (weaker nickel price)
- Special items of €(323) m, mainly €(250) m impairment charges from Inoxum transaction
- EBIT Stainless USA: €(31) m



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### Perspective FY 2011/12 – Continued Operations



H2 2011/12: EBIT adjusted moderately higher vs. H1:

contribution from capital goods businesses stable at high level;

Steel Europe: volumes and prices influenced by continuing

intense competition; earnings on H1 level

**Steel Americas**: improvements by increased stability of the operational ramp-up set against continuing price pressure due to the market entry

**Materials Services**: improving earnings

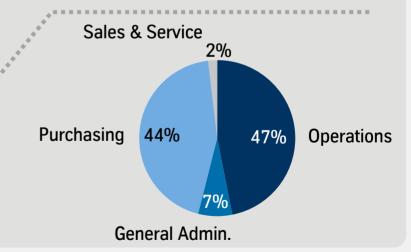
FY 2011/12: EBIT adjusted in mid three-digit million euro range



max. €2 bn



Cost savings of ~ €300 m (~50% have been realized already)



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## **Our Value Creation Program**





#### Financial Calendar – FY 2011/12

July Roadshows

Zurich (3rd)

August Conference Call Q3 2011/12 (10th)



#### **Contact Details**

### ThyssenKrupp Corporate Center Investor Relations



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To be added to the IR mailing list, send us a brief e-mail with your details! E-mail: ir@thyssenkrupp.com

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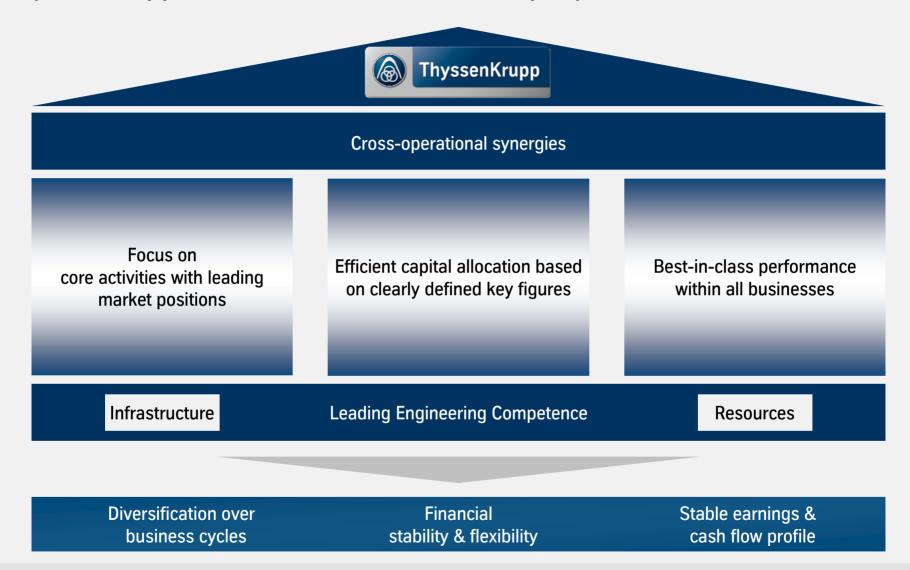


## Agenda

Appendix



## ThyssenKrupp – "Diversified Industrial Company"



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## ThyssenKrupp's Leading Engineering Competence Supports Sustainable **Progress Worldwide**

Driver

Demand ("more")

**Business Opportunities** 

Demand ("better")

Limitations

Climate Change

Demography



More consumer and capital goods

Urbanization



More infrastructure and buildings

Globalization



More consumption of resources and energy

Business opportunities for ThyssenKrupp: Positioning in growth areas

Resources



ThyssenKrupp

**Leading Engineering** Competence

in

**Material** Mechanical **Plant** 

Infrastructure

Reduction of CO<sub>2</sub> emissions: Renewable energies

> **Efficient** infrastructure and methods/ processes

Efficient use of resources and energy; Alternative energies



Limited Resources



Business opportunities for ThyssenKrupp: Differentiation with solutions



## Leading Engineering Competence to Create "Better" Solutions

Product/service examples



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#### Leading engineering competence

#### **Material**

body parts



#### Mechanical

#### **Plant**



**Slewing Bearings** Essential component of wind turbines



**Cement Plants** Up to - 40% of direct CO<sub>2</sub> emissions



Electrical steel Reduces losses in transformers to <1%

**High-strength steel** 

reduction of automotive

Up to 40% weight



**Elevators / Escalators** LEED certified energy efficiency level



**IRESA** Construction lines for lithium ion cells



**Facade elements** Up to 15% reduced heat transfer coefficient of roofs and facades



Valve control systems 4.1 t less CO<sub>2</sub> per vehicle over lifetime



**EnviNOx** N<sub>2</sub>O removal rate of 99% at fertilizer plants



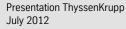
Packaging steel Ultra-thin and 23% less CO<sub>2</sub> over lifetime



Fully mobile crushers Up to 100,000 t less CO<sub>2</sub> p.a. in open pit mining



Polylactide (PLA) New processing technology based on biomass



## ThyssenKrupp Group

### **ThyssenKrupp**

FY 2010/11: Sales €43.4 bn • EBIT adj. €1,762 m • TKVA €(2,962) m • Employees 180,050

\* The TK Group consists of ~ 800 legally independent companies, organized, existing and operating under the laws of 70 countries, ultimately led by TK AG.

Steel **Europe** 

Sales: €12.8 bn EBIT adj.: €1,133 m

- Premium flat carbon steels
- Large-scale, multiple niche approach
- Long-term customer relations
- Technology leadership in products and processes

## Elevator Technology

€641 m

€5.3 bn

- Elevators
- Escalators & moving walks
- Passenger boarding bridges
- Stair lifts, home elevator
- Maintenance, Repair & Modernization

#### Steel Americas

€1.1 bn €(1,071) m

- Premium flat carbon steels
- CSA: slab mill in Brazil,5 m t capacity,SoP Q3 CY 2010
- Steel USA: processing plant (hot / cold rolling and coating), SoP Jul. 31, 2010

## Plant Technology

€4.0 bn €506 m

- Specialty and large-scale plant construction, e.g.:
- Petrochemical complexes
- Cement plants
- Systems for open-pit mining & materials handling
- Production systems for auto and aerospace industry

#### Materials Services

€14.8 bn €533 m

€6.9 bn

€503 m

- Global materials distribution (carbon & stainless steel, pipes & tubes, nonferrous metals, aluminum, plastics)
- Technical and infrastructure services for production & manufacturing sectors

## Components Technology

- Components for the automotive industry (e.g. crankshafts, axle modules, steering systems)
- Large-diameter bearings & rings (e.g. for wind energy)
- Undercarriages for tracked earthmoving machinery

## Disc. Op. Stainless Global

€6.7 bn €15 m

- Stainless steel flat products & high-performance materials
- Operations in Germany, Italy, Mexico and China
- Stainless steel plant project in USA

#### Marine Systems

€1.5 bn €214 m

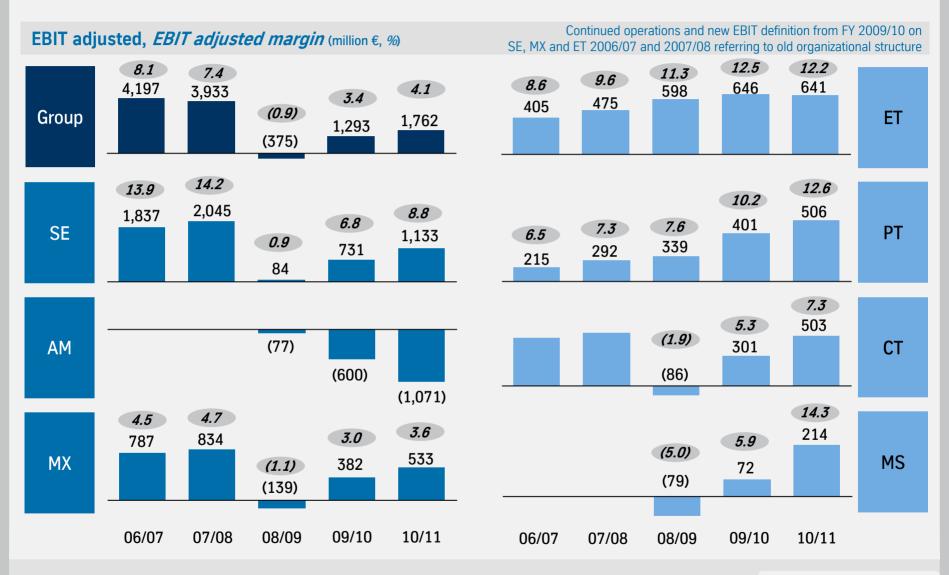
Focus on naval shipbuilding:

- Engineering & Construction of non-nuclear submarines
- Engineering of Naval Surface Vessels (frigates & corvettes)

Sales & EBIT adjusted from continued operations for FY 2010/11



#### 5 Year Performance Track Record





## Portfolio Optimization: Well on Track After 12 Months

Already signed or closed transactions comprising ~ 90% of sales to be divested





## Systematic Benchmarking Aiming at Best-in-Class Operations

## Selected Peers / Relevant Peer Segments

#### Steel Europe

ArcelorMittal / Flat Carbon Europe



Salzgitter / Steel



/ Europe

Voestalpine / Steel

#### Elevator Technology



- UTC / Otis
- KONE
- Schindler

#### Steel Americas

- AK Steel
- ArcelorMittal / Flat Carbon Americas
- US Steel

/ Flat-Rolled

Nucor

#### Plant Technology



- Chemicals:
   Maire Tecnimont / Oil, Gas & Petrochem.
- Cement & Minerals: FLSmidth
- Mining Equipment: Sandvik / Mining & Construction

#### Materials Services



- ArcelorMittal / Distribution Solutions
- Klöckner
- Reliance

#### Components Technology



- Automotive components:
   Continental (GER); NSK (JPN); TRW (USA)
- Industrial & construction machinery:
   Kaydon (USA, Friction Control); SKF (SWE, Industrial); Titan Europe (UK, Undercarriage)

#### Stainless Global/Inoxum



- Acerinox
- Aperam
- Outokumpu
- Allegheny

#### Marine Systems



- DCNS (F)
- Navantia (E)
- Damen (NL)

## **Group Overview (I) – Continued Operations**

				2011/12				
		Q1	Q2	Q3	Q4	FY	Q1	Q2
Order intake	€m	9,997	11,328	12,984	10,809	45,118	10,078	11,596
Sales	€m	10,020	10,680	11,506	11,150	43,356	9,896	10,613
EBITDA	€m	592	827	944	846	3,209	471	432
EBIT	€m	261	435	549	(1,435)	(190)	(33)	76
EBIT adjusted	€m	261	435	570	495	1,761	83	134
EBT	€m	136	297	419	(1,603)	(751)	(183)	(91)
EBT adjusted	€m	136	297	440	327	1,200	(66)	(34)
Income after tax	€m	90	200				(172)	(304)
Earnings per share	€	0.29	0.51				(0.30)	(0.59)



## Group Overview (I) – Incl. Discontinued Operations

				2011/12				
		Q1	Q2	Q3	Q4	FY	Q1	Q2
Order intake	€m	11,260	12,848	14,120	12,019	50,247	11,260	13,008
Sales	€m	11,370	12,266	12,851	12,605	49,092	11,138	12,155
EBITDA	€m	645	932	983	825	3,385	412	424
EBIT	€m	273	497	545	(2,303)	(988)	(357)	(228)
EBIT adjusted	€m	273	497	566	427	1,763	25	152
EBT	€m	145	352	407	(2,482)	(1,578)	(513)	(402)
EBT adjusted	€m	145	352	428	248	1,173	(131)	(22)
Net income*	€m	142	272	211	(1,917)	(1,291)	(460)	(587)
Earnings per share	€	0.31	0.58	0.46	(4.06)	(2.71)	(0.89)	(1.14)
TK Value Added	€m					(2,962)		
Ø Capital Employed	€m	22,832	23,400	23,554	23,223	23,223	24,536	23,329
Goodwill	€m					3,378		

<sup>\*</sup> attributable to ThyssenKrupp stockholders



## **Group Overview (II) – Continued Operations**

				2011/12				
		Q1	Q2	Q3	Q4	FY	Q1	Q2
Capital expenditures*	€m	716	603			2,508	466	406
Depreciation/amort.	€m	340	401			3,441	514	367
Operating cash flow	€m	(1,094)	(145)			1,012	(1,578)	150
Cash flow from divestm.	€m	119	20			423	311	(12)
Cash flow from investm.	€m	(716)	(603)			(2,508)	(466)	(406)
Free cash flow	€m	(1,691)	(728)			(1,070)	(1,733)	(268)
Cash and cash equivalents** (incl. short-term securities)	€m	2,869	2,022	1,877	3,574	3,574	1,980	2,531
Net financial debt**	€m	5,814	6,492	6,249	3,578	3,578	5,937	6,480
Employees		167,095	169,120	171,086	168,560	168,560	159,682	159,009

<sup>\*</sup> incl. financial investments

<sup>\*\*</sup> incl. discontinued operations

## **Special Items**

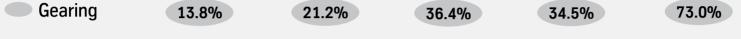
Business Area			2010/11			201	1/12
(million €)	Q1	Q2	Q3	Q4	FY	Q1	Q2
Steel Europe							
Asset disposals							(9)
Steel Americas:					(0.075)		
Impairment related charges				(2,075)	(2,075)		40)
Asset disposal							(2)
Materials Services:				4==\	<b>(FF)</b>		
Disposal Xervon				(55)	(55)		(4.0)
Impairment							(16)
Elevator Technology:				100	160		
Refund anti-trust fine				160	100	(29)	(1.4)
Restructuring Plant Technology						(29)	(14)
Impairment							(1)
Components Technology:							(1)
Impairment Waupaca				40	40		
Disposal Auto Systems (Brazil) &				40	.0		
Healthcare savings Waupaca						66	
Marine Systems:							
Impairment						(155)	(17)
Corporate:							
Provision for litigation risks			(21)		(21)		
Others						2	1
Continued operations			(21)	(1,930)	(1,951)	(116)	(58)
Stainless Global:							
Goodwill impairment/IFRS 5 charge				(800)	(800)	(265)	(250)
Impairment							(48)
Others							(24)
Group (incl. Stainless Global)			(21)	(2,730)	(2,751)	(381)	(380)
,					· , - · ·		V = = = 0

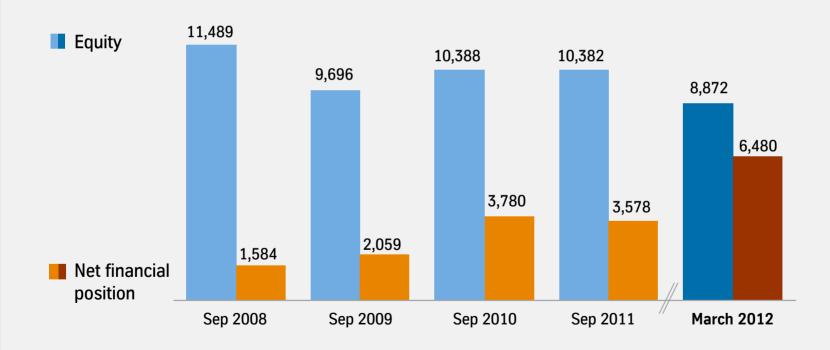


## Increase in NFD due to Increase in NWC, Americas Ramp-Up and Dividend

#### Net financial position, equity and ratios (million €)









## ThyssenKrupp Rating

Long term- Short term- Outlook rating rating

Standard & Poor's BB negative

Moody's Baa3 Prime-3 negative

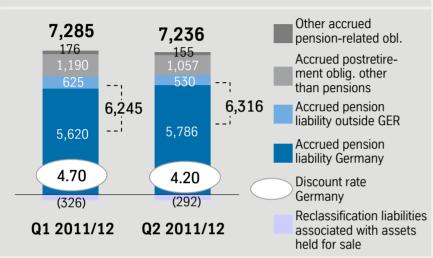
Fitch BBB- F3 negative

Restoring / maintaining investment grade status with all three rating agencies is key!



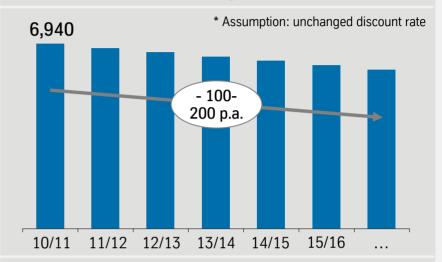
## Pension and Similar Obligations

## Accrued Pension and Similar Obligations (in € m)



- "Patient" long-term debt, no immediate redemption in one go
- Interest cost independent of ratings, covenants etc.
- Mainly funded by TK's operating assets
- Increase in accrued pension liability to €6.3 bn in Q2 mainly driven by decrease in German discount rate
- ~90% of pension provision in Germany; German pension system requires no mandatory funding of plan assets

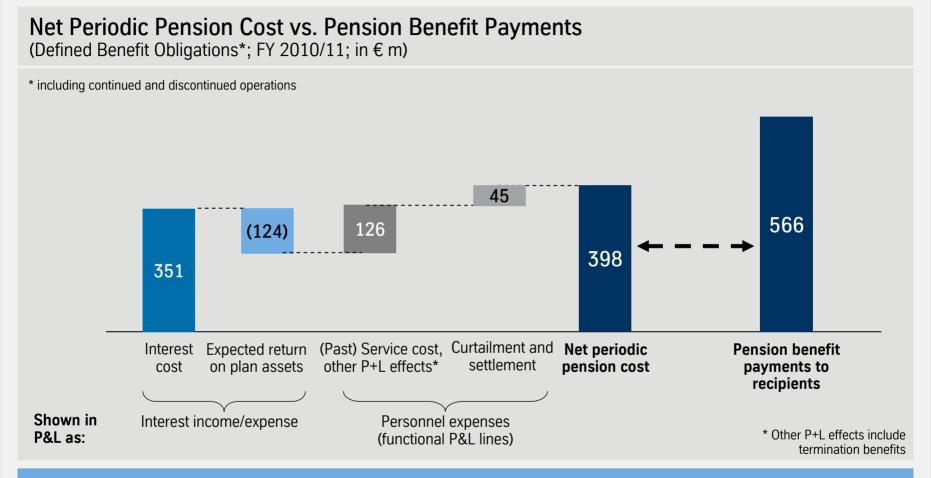
## Expected Normalized\* Development of Accrued Pension and Similar Obligations (in € m)



- Number of plan participants steadily decreasing
- 69% of obligations owed to retired employees, average age ~74 years
- Declining pension obligations over time (short-term variation possible, mainly due to change in discount rate)
- Declining cash-out from pension benefit payments in medium to long term (2010/11: €566 m; exp. 10 year average from 2011/12 onwards: €535 m)



## Pension Obligations: ThyssenKrupp with Mature Pension Schemes



## Pension payments higher than pension cost: Indicator for mature pension schemes



## **Steel Europe**

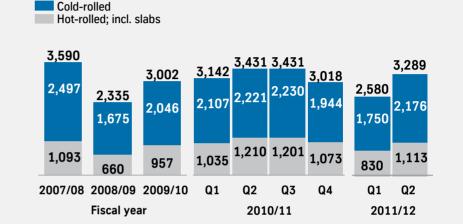
Key figures										
			_	201	2011/12					
		Q1	Q2	Q3	Q4	FY	Q1	Q2		
Order intake	€m	2,929	3,721	3,006	2,688	12,344	2,705	2,990		
Sales	€m	2,958	3,287	3,518	3,051	12,814	2,530	2,886		
EBITDA	€m	399	439	458	374	1,670	225	142		
EBIT	€m	258	300	322	253	1,133	102	21		
EBIT adjusted	€m	258	300	322	253	1,133	102	30		
TK Value Added	€m					609				
Ø Capital Employed	€m	5,695	5,797	5,830	5,822	5,822	5,874	5,936		
OCF	€m	(433)	323	184	608	682	(632)	301		
CF from divestm.	€m	0	14	0	242	256	25	(5)		
CF for investm.	€m	(100)	(84)	(93)	(154)	(431)	(101)	(106)		
FCF	€m	(533)	253	91	696	506	(708)	190		
Employees		34,204	33,917	33,702	28,843	28,843	28,273	28,137		



## Steel Europe: Output, Shipments and Revenues per Metric Ton

Crude steel output (incl. share in HKM) 1.000 t/quarter HKM share 3,542 3,385 3,349 3,553 3,324 837 2,971 865 2,813 696 786 2,306 816 449 2.716 2.677 2.628 2,563 2.531 2.166 |2,1721.997 1,85<u>8</u> 2007/08 2008/09 2009/10 Q1 **Q2** Q3 **Q4** Q1 **Q2** Fiscal year 2011/12 2010/11

Shipments\*: Hot-rolled and cold-rolled products 1,000 t/quarter



#### Average revenues per ton\*, indexed

Q1 2004/2005 = 100

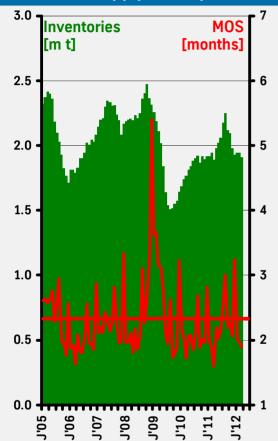


<sup>\*</sup> shipments and average revenues per ton until FY 2007/08 relate to former Steel segment



## Steel: Inventories and Months of Supply

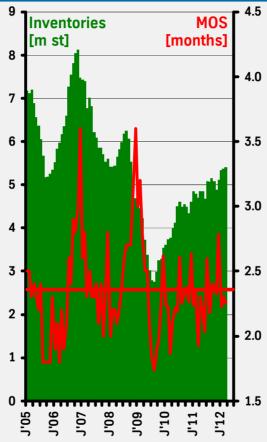
## Inventories and Months of Supply - Europe



Europe: European SSC: March inventories at month end / flat carbon steel w/o quarto

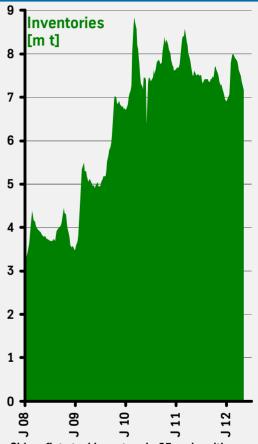
Source(s): EASSC, MSCI, UBS, MySteel

## Inventories and Months of Supply - USA



USA: March MSCI inventories, carbon flat-rolled

#### Inventories China



China: flat steel inventory in 23 major cities (HR, CR and Plate)





## **Efficient Operations & Customer Proximity**

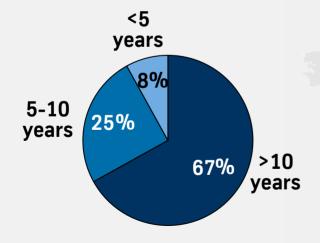
Business Model ThyssenKrupp Steel Europe (I)

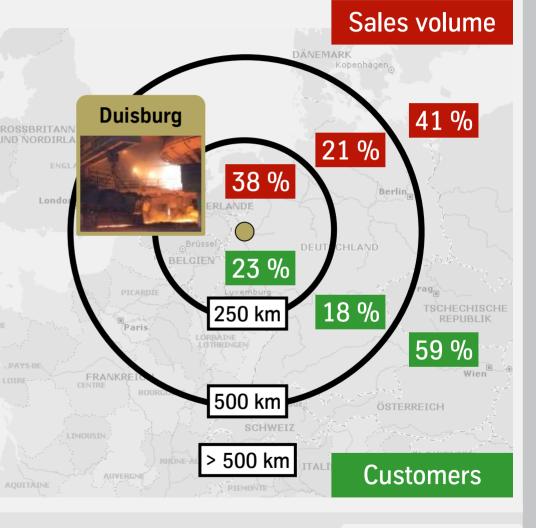


Sustained economies of scale

**Optimum plant configuration** 

Short distances to key customers with long-standing relations:







53



### Premium Product Mix and Attractive Customer Portfolio

in % of sales

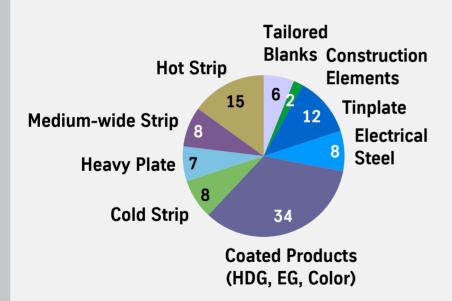
Business Model ThyssenKrupp Steel Europe (II)

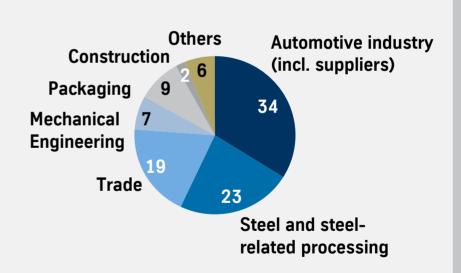


#### **Premium Product Mix Steel Europe FY 2010/11**

Sales by Industry Steel Europe FY 2010/11

in % of sales







## Steel Europe: Portfolio Optimization ThyssenKrupp Tailored Blanks

#### **Company & Products**

- Pioneer, technology and world market leader for laser-welded blanks for the automotive industry (joining of individual steel sheets of different thickness. strength and coating)
- USP in Tailored Strips technology (coils from strips with different thickness, finish or grade, incl. stainless)



**Application examples** in the automotive industry:



Side panels



Doors









Wheel arches

Side members

Floors

Sales (FY 2010/11): €0.7 bn

**Employees** (Sep 30, 2011): ~ 900

Customer examples:





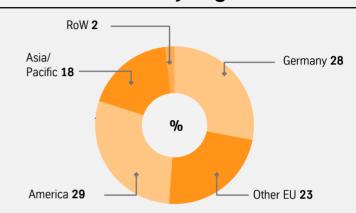








#### Sales by region



#### Production locations: 13 in 7 countries

**USA** (Monroe/MI, Prattville/AL) Mexico (Puebla, Saltillo, Hermosillo)

China (Wuhan. Changchun)

Italy (San Gillio/Turin. Tito Scalo/Neapel)

Germany (Duisburg. Gelsenkirchen)

> Sweden (Olofström)

Turkey (Nilüfer/Bursa)





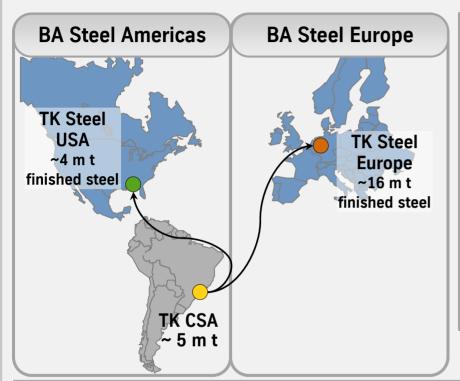
## **Steel Americas**

Key figures										
				2010/11			201	2011/12		
		Q1	Q2	Q3	Q4	FY	Q1	Q2		
Order intake	€m	84	268	503	437	1,293	583	632		
Sales	€m	86	260	429	364	1,139	498	546		
EBITDA	€m	(328)	(211)	(95)	(252)	(886)	(205)	(139)		
EBIT	€m	(378)	(319)	(190)	(2,259)	(3,146)	(288)	(230)		
EBIT adjusted	€m	(378)	(319)	(190)	(184)	(1,071)	(288)	(228)		
TK Value Added	€m					(3,813)				
Ø Capital Employed	€m	7,230	7,430	7,524	7,416	7,416	6,624	6,726		
OCF	€m	(585)	(361)	(269)	(174)	(1,389)	(364)	(189)		
CF from divestm.	€m	90	1	(6)	(5)	80	0	0		
CF for investm.	€m	(477)	(424)	(197)	(271)	(1,369)	(152)	(160)		
FCF	€m	(972)	(783)	(472)	(450)	(2,678)	(516)	(349)		
Employees		3,571	3,748	3,995	4,060	4,060	4,081	4,258		



## Steel Americas: Transatlantic Steel Concept (I)

# under strategic review

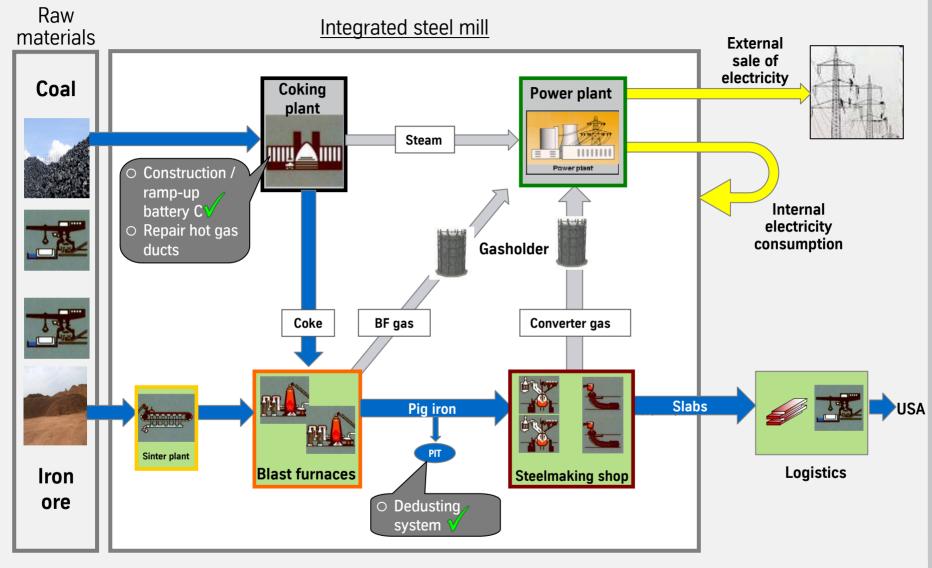


Targeted major transatlantic production capacities									
Capacity in m metric tons p.a.	Steel A Brazil	Steel Europe**							
Slabs	>5	-	15						
Hot-rolled	-	>5*	17						
Cold-rolled	-	2.5	10						
Coated	-	>1.5	8						

- Production cost advantage from production in Brazil
- Build on and expand strong European market position in premium flat carbon steels
- Transfer of proven business model into the modern industrial center of the U.S.

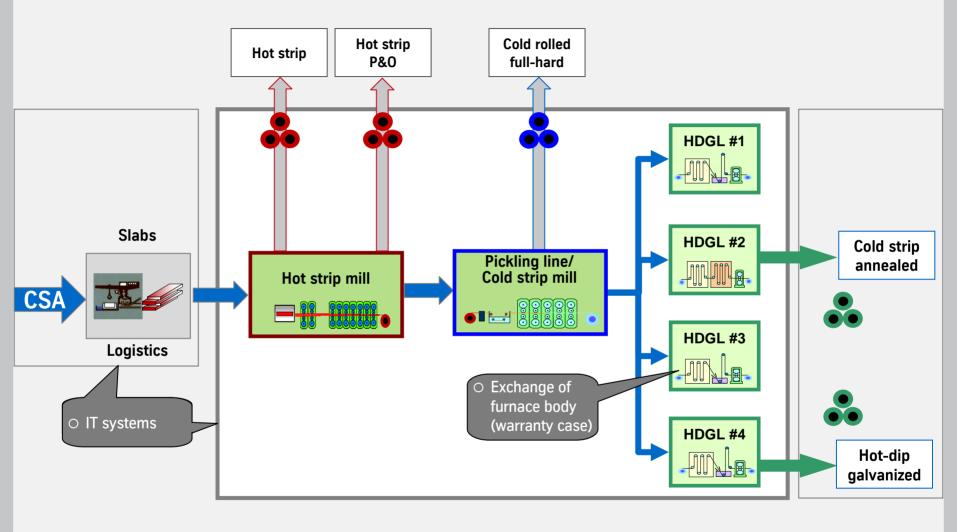


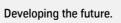
### **Steel Americas: Brazil**





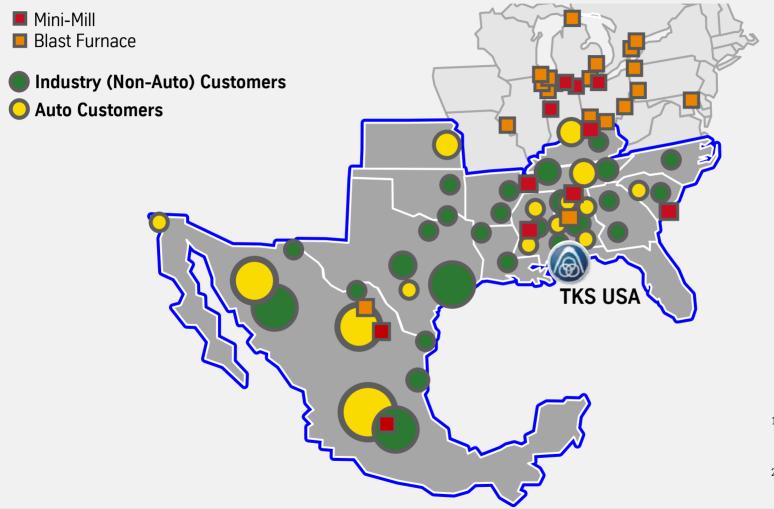
## Steel Americas: USA







# Well Positioned in Southeastern United States with Proximity to Mexico Geographic position of TKS USA, our home market and BF & EAF competitors



- Size of Industry and Auto bubbles reflect the approximate number of customer locations in the given area.
- Includes all steelmaking (EAF, BF) locations, excluding West Coast of U.S. and Canada.







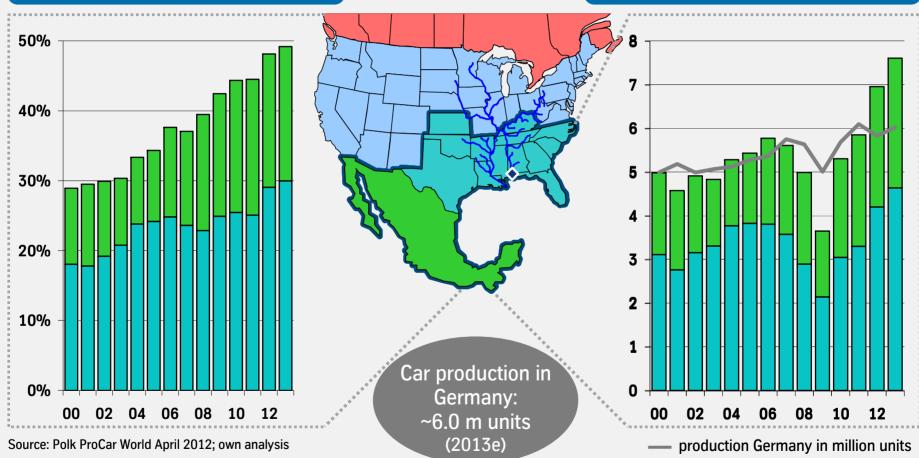
## Migration of Automotive Production from North to South –

Production in TKS USA home market to exceed pre-crisis-levels by 2012

**Light-Vehicle Production NAFTA** Share of TKS USA Home Market in %

**Light-Vehicle Production** TKS USA Home Market

in million units



Presentation ThyssenKrupp July 2012

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## **Comprehensive Customer Development Activities**

### Geared to Market-Oriented Ramp-up at ThyssenKrupp Steel USA

**Current Focus on Trials/Qualifications** 

schematic

Gain customer order for approval process

Establish / document technical set-up in full compliance with product- and customer-specific requirements

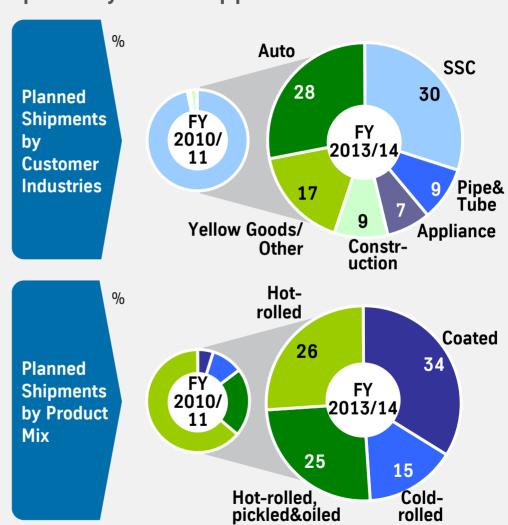
Trial production and product testing (inhouse / outside lab); document coil to coil consistency

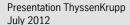
Shipment of qualification samples and provision of performance data to customer

Customer approval / certification

Gain customer / model series share

- in current model cycle
- with start of next model cycle





## **Materials Services**

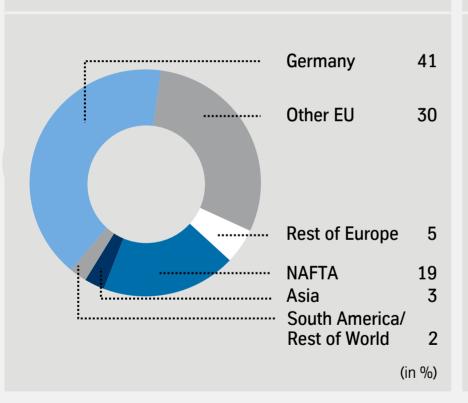
Key figures										
				201	2011/12					
		Q1	Q2	Q3	Q4	FY	Q1	Q2		
Order intake	€m	3,259	3,918	3,973	3,618	14,768	3,201	3,573		
Sales	€m	3,311	3,704	3,980	3,781	14,776	3,145	3,408		
EBITDA	€m	117	197	181	166	661	65	99		
EBIT	€m	85	163	149	81	478	40	74		
EBIT adjusted	€m	85	163	149	136	533	40	90		
TK Value Added	€m					186				
Ø Capital Employed	€m	3,273	3,422	3,485	3,430	3,430	2,861	2,966		
OCF	€m	(497)	104	(16)	907	498	(441)	23		
CF from divestm.	€m	10	14	0	6	30	197	42		
CF for investm.	€m	(64)	(22)	(18)	(32)	(136)	(17)	(18)		
FCF	€m	(551)	96	(34)	881	392	(261)	47		
Employees		34,196	35,391	35,440	36,568	36,568	27,910	28,123		



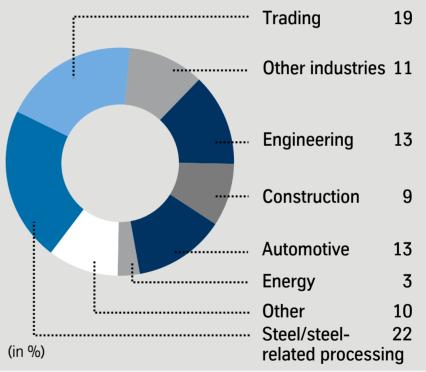
## Sales by Region & Customer Groups 2010/11

(Total: €14.8bn)

## Sales by Region



### **Sales by Customer Groups**







## Unique Portfolio in Products and Services Sales by products/services (%), FY 2010/11



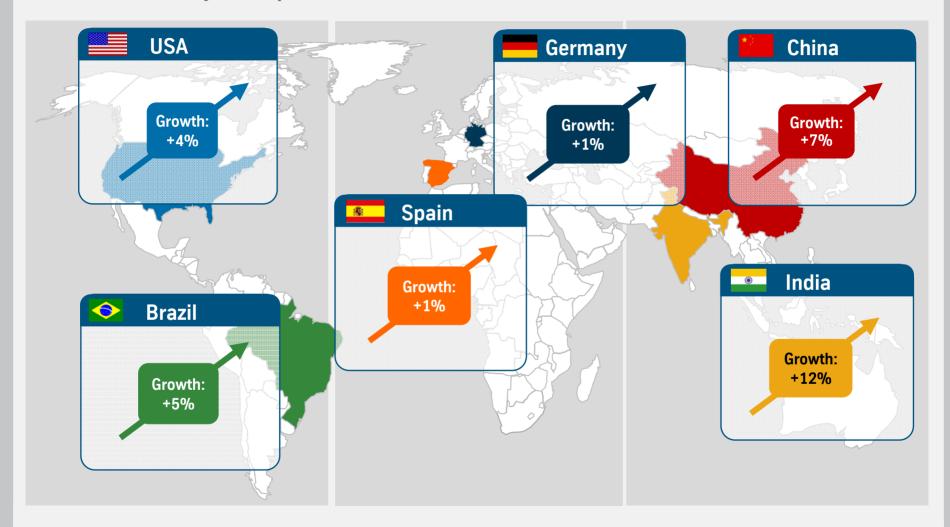
ThyssenKrupp

## **Elevator Technology**

Key figures									
				2011/12					
		Q1	Q2	Q3	Q4	FY	Q1	Q2	
Order intake	€m	1,306	1,358	1,320	1,297	5,281	1,466	1,541	
Sales	€m	1,299	1,267	1,298	1,389	5,253	1,348	1,322	
EBITDA	€m	189	165	168	353	875	132	139	
EBIT	€m	171	147	151	332	801	113	118	
EBIT adjusted	€m	171	147	151	172	641	142	132	
TK Value Added	€m					621			
Ø Capital Employed	€m	2,249	2,272	2,259	2,243	2,243	2,322	2,393	
OCF	€m	52	168	87	315	623	(49)	169	
CF from divestm.	€m	3	3	1	3	10	2	0	
CF for investm.	€m	(18)	(16)	(28)	(79)	(142)	(77)	(26)	
FCF	€m	38	155	60	239	491	(124)	143	
Employees		44,489	44,937	45,603	46,243	46,243	46,581	46,605	



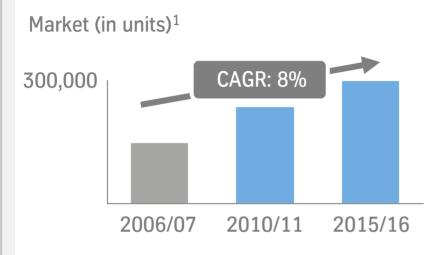
# Regional Market Growth in Key Regions of Elevator Technology Growth over 5 years p.a.

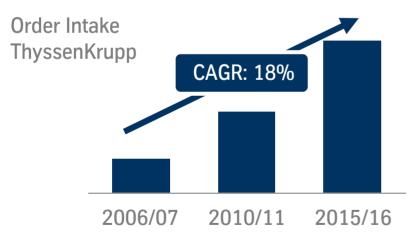




## Elevator Technology: Focus on China – We Are Growing Faster Than the Market







Number of projects planned today ~100 >400 ~200



Eton Hotel, Dalian, China

1) Source: China Elevator Association



## Initiatives Contribute to Grow EBIT Margin to 15%

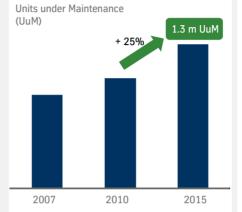
Asia Initiative: Focus on fast growing markets

India

China

- China: Increase number of branches by >50% by 2015
- India: New multi-purpose facility under construction

2 Service Initiative





- GPS routing and tracking via ERP
- Integrated workflow via mobile devices
- Online tracking for customers

3 Acquisition of Service Portfolios



4. Optimization Manufacturing & New Installation



- CENE: Increase of efficiency and structural optimization of manufacturing and overhead reduction with focus on Germany
- **SEAME:** Alignment of structure to changed market conditions with focus on Spain
- Total volume: €50 m of restructuring expenses in 2011/12

ThyssenKrupp

## **Plant Technology**

Key figures										
				2010/11			2011/12			
		Q1	Q2	Q3	Q4	FY	Q1	Q2		
Order intake	€m	1,016	896	1,098	1,464	4,474	871	934		
Sales	€m	897	969	943	1,195	4,004	943	983		
EBITDA	€m	115	148	149	138	550	134	125		
EBIT	€m	107	139	131	129	506	125	114		
EBIT adjusted	€m	107	139	131	129	506	125	115		
Ø Capital Employed	€m	303	329	239	245	245	300	326		
OCF	€m	118	(26)	129	267	488	(116)	51		
CF from divestm.	€m	0	0	1	0	2	1	1		
CF for investm.	€m	(7)	(9)	(10)	(21)	(48)	(15)	(6)		
FCF	€m	111	(35)	120	247	442	(130)	46		
Employees		13,001	13,026	13,194	13,478	13,478	13,786	13,956		



## Plant Technology: Technology Portfolio Offering Growth Potential

**Markets** 

#### **Technologies**

#### **Market Positions**

Chemicals

#### **Conversion Technologies** Customer Products

- Gas Reforming
- Oil Refining
- Biotechnology
- Gasification
- Coke Plant Technologies
- Electrolysis

- Fertilizers
- Organic Chemicals & **Polymers**
- Biopolymers
- Electric Power; Fuel
- Steel
- Inorganic & Organic Chemicals

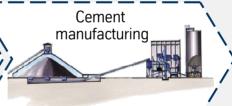


Fertilizers: No.1 No.2 Polymers: Electrolysis: No.1 Coke Plant Tech.: No.1

Cement







Cement

plants: No.3

Mining

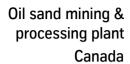


Mining and Materials Handling

Equipment: No.1



## Plant Technology: Reference Projects



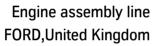




Fertilizer complex (ammonia & urea) SORFERT, Algeria Construction time: ~5 yrs



4 fully mobile crushing plants in open pit coal mine China Power Investm. Group







Bodyshop Production Lines and Service contract Volkswagen, Russia

3,300 tpd turnkey cement plant HONDUVER, Honduras Constuction time: ~3 yrs



2,100 tpd cement production line OHORONGOFA, Namibia Construction Time: ~3 yrs



300,000 tpy low-density polyethylene (LDPE) plant QAPCO, Qatar Constuction time: ~3 yrs





## Plant Technology: Selected Orders H1 2011/12

### **Mining Equipment**

Semi-mobile Primary Crushing Systems



- Copper mine, Zambia
- Capacity: 3,600 tons per hour
- Customer: Kalumbila Minerals
- Order volume: ~ €40 m
- Commissioning: 2014

#### **Minerals**

Polycoms and Ball Mills



- Copper mine, South America
- Capacity: up to 240,000 tons per day
- Order volume: ~ €85 m
- Commissioning: 2014

### **System Engineering**

New Block Assembly Line



- Turnkey project
- Customer: Volvo
- Order volume: ~ €40 m
- Commissioning: 2013

(Pictures show comparable projects)



# **Components Technology**

Key figures									
				2011/12					
		Q1	Q2	Q3	Q4	FY	Q1	Q2	
Order intake	€m	1,602	1,795	1,811	1,713	6,921	1,778	1,858	
Sales	€m	1,599	1,769	1,779	1,761	6,908	1,753	1,880	
EBITDA	€m	196	186	220	178	780	243	203	
EBIT	€m	127	114	141	161	543	169	128	
EBIT adjusted	€m	127	114	141	121	503	103	128	
TK Value Added	€m					291			
Ø Capital Employed	€m	2,688	2,734	2,760	2,796	2,796	3,075	3,142	
OCF	€m	(25)	46	146	277	444	(121)	64	
CF from divestm.	€m	4	1	4	(1)	7	77	2	
CF for investm.	€m	(33)	(54)	(90)	(183)	(361)	(95)	(83)	
FCF	€m	(54)	(8)	60	92	91	(139)	(17)	
Employees		29,649	30,080	31,049	31,270	31,270	30,936	31,304	



## Components Technology: Order Intake above Pre-Crisis Levels

#### **COMPONENTS TECHNOLOGY**

#### **Automotive Components**

Passenger Cars/ Light Comm. Vehicles



Heavy

### **Quarterly Order Intake** Q2 Q4 Q2 Q4 Q2 Q4 2009/10 2010/11 2011/12 2007/08 2008/09

02 2011/12: ~20% above pre-crisis level (average of FY 2007/08)

#### **Industrial & Construction Machinery**

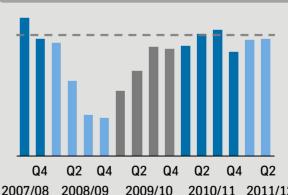
**Undercarriages** for tracked/crawler equipm.



Large-diameter bearings & rings



#### Quarterly Order Intake

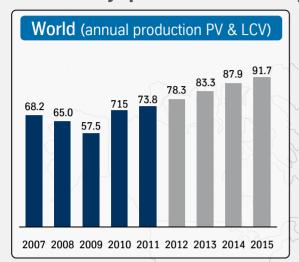


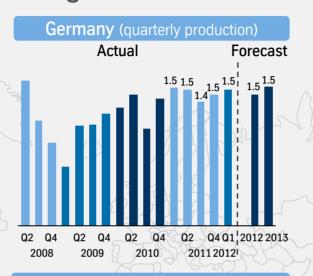
03 2010/11: Strongest for more than 2 years

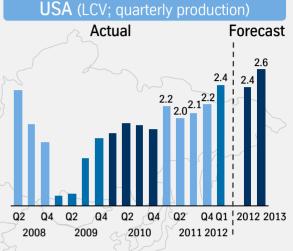
2008/09 2009/10 2010/11 2011/12

## **Components Technology:**

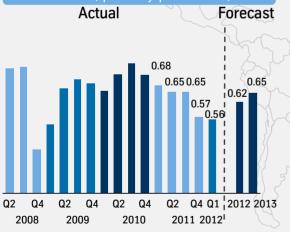
### Quarterly production of passenger vehicles (million)

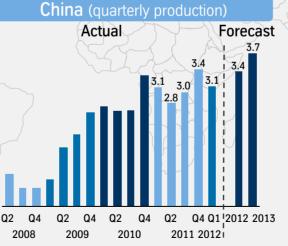












Source: Polk; (linear breakdown of 2012 & 2013 estimates on quarterly basis)





## Components Technology:

Strong Presence and Local Production in China



Liaoyang

Products: Coil Springs/

Stabilizers



**Product:** Steering

columns





Dalian

Product: Camshafts



Products: Undercarriages and components for construction vehicles





**Xuzhou and Qingdao** 

Slewing bearings with diameters of 200 to 5,000 millimeters



Products: Cold forging,

I-Shafts

Services: R&D-Center





🥃 Huizhou and Nanjing

Product: Crankshafts

Shanghai

**Products: Steering** 

Columns,

**Steering Gears** 



Sales share China:

~ 10%

Sales growth FY 2010/11 (vs. FY 2009/10):

24%



### Components Technology: Portfolio Optimization

### ThyssenKrupp Waupaca

#### **Company & Products**

 Largest global producer for gray, ductile and compacted graphite iron castings for the automotive, agricultural and construction industry Product examples:











Brake drums

Brake rotors

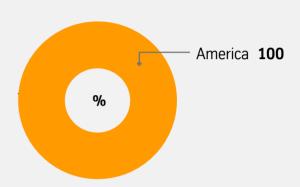
Differential carriers

rential Housings

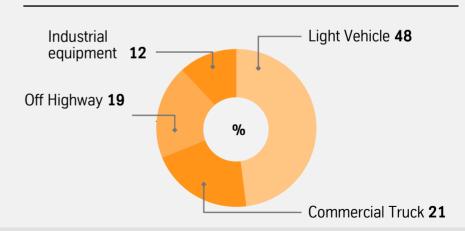
Flywheels

- Worldwide industry best practices (vertical molding on own WaupacaMatic machines) and large capacity melting capabilities
- Sales (FY 2010/11): ~ €1.1 bn
- Employees (Sep 30, 2011): ~ 3,000
- Diversified customer and industry base with >450 customers and >9,000 different parts
- Locations:
   6 plants in USA (3 x Waupaca, WI; Marinette, WI;
   Tell City, IN; Etowah, TN)

#### Sales by region



### Sales by customer group





### Components Technology: Portfolio Optimization

## ThyssenKrupp Bilstein – Division Coil Springs & Stabilizers

#### **Divison & Products**

- Global Top 3 solution provider for vertical- and side load compensation
- Global Top 3 solution provider for roll stabilization

#### **Product examples:**



- Sales (FY 2010/11): ~ €0.5 bn
- Employees (Sep 30, 2011): ~ 2,500
- Customers: virtually all manufacturers of passenger and commercial vehicles, examples:





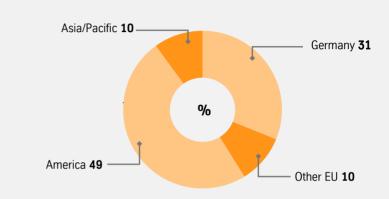




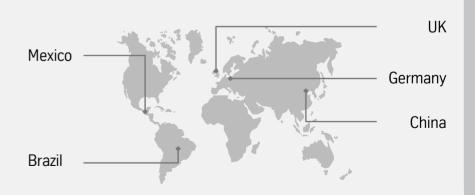




#### Sales by region



#### **Production locations**







# **Marine Systems**

Key figures									
				2011/12					
		Q1	Q2	Q3	Q4	FY	Q1	Q2	
Order intake	€m	426	149	2,155	247	2,977	222	731	
Sales	€m	504	219	479	291	1,493	366	220	
EBITDA	€m	51	87	71	28	237	45	66	
EBIT	€m	46	84	62	22	214	(116)	61	
EBIT adjusted	€m	46	84	62	22	214	39	78	
Ø Capital Employed	€m	1,289	1,335	1,344	1,334	1,334	1,241	1,184	
OCF	€m	(25)	47	613	(300)	334	(94)	92	
CF from divestm.	€m	11	5	0	0	16	0	(30)	
CF for investm.	€m	(1)	(3)	(4)	(6)	(14)	(2)	(3)	
FCF	€m	(16)	50	609	(306)	337	(96)	59	
Employees		5,407	5,372	5,398	5,295	5,295	5,301	3,731	



## Marine Systems: Focused Organization – FY 2011/12

### **Business Area Marine Systems**

Kockums (KAB)

Karlskrona / Malmö (SWE)



Submarines / Naval Surface Vessels Howaldtswerke - Deutsche Werft (HDW)

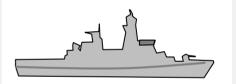
Kiel



**Submarines** 

Blohm + Voss Naval (BVN)

Hamburg



**Naval Surface Vessels** 

Sales (€m): ~ 1,200

Employees: ~ 3,900



# **Discontinued Operations: Stainless Global**

Key figures									
				2011/12					
		Q1	Q2	Q3	Q4	FY	Q1	Q2	
Order intake	€m	1,483	1,790	1,360	1,412	6,045	1,372	1,618	
Sales	€m	1,605	1,856	1,586	1,692	6,739	1,438	1,768	
EBITDA	€m	48	103	43	(6)	188	(57)	(7)	
EBIT	€m	7	59	0	(851)	(785)	(321)	(303)	
EBIT adjusted	€m	7	59	0	(51)	15	(56)	20	
TK Value Added	€m					(1,087)			
Ø Capital Employed	€m	3,362	3,414	3,442	3,355	3,355	2,870	2,700	
OCF	€m	(308)	83	(139)	270	(95)	(215)	(64)	
CF from divestm.	€m	6	(4)	0	0	1	1	(32)	
CF for investm.	€m	(61)	(52)	(54)	(99)	(266)	(85)	(98)	
Employees		11,196	11,292	11,339	11,490	11,490	11,630	11,771	



# **Corporate: Overview**

Corporate									
				2011/12					
		Q1	Q2	Q1	Q2				
Order intake	€m	31	33	32	47	143	33	39	
Sales	€m	31	33	32	47	143	35	37	
EBITDA	€m	(78)	(102)	(109)	(37)	(326)	(88)	(109)	
EBIT	€m	(88)	(111)	(120)	(58)	(377)	(99)	(119)	
OCF	€m	258	(452)	(18)	(553)	(766)	221	(340)	
Employees		2,578	2,649	2,705	2,803	2,803	2,814	2,895	



## ThyssenKrupp-specific Key Figures (I): EBIT Definition

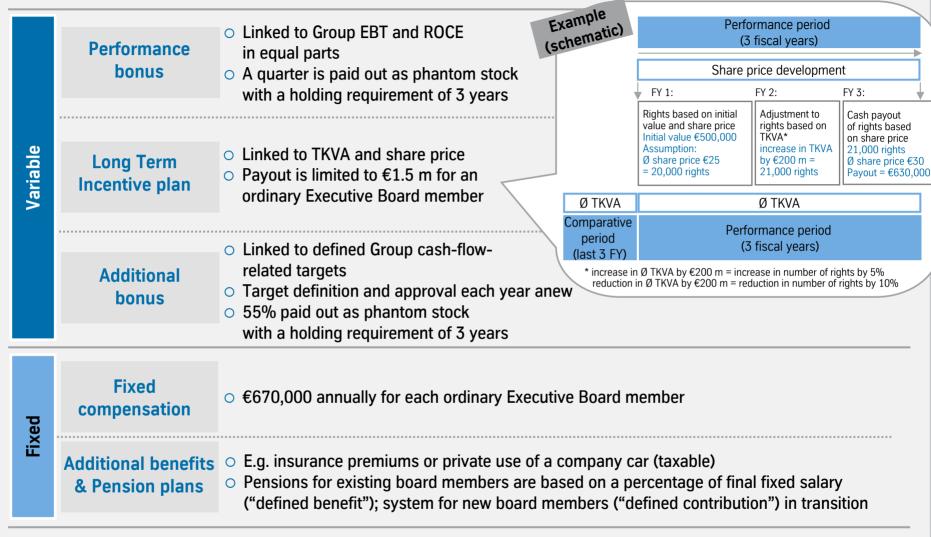
Q2 2011/12: Reconciliation "Income from operations" (P&L Structure) to EBIT

P&L Structure		E	BIT definition	
Net sales	10,613	Net	sales 1	10,613
- Cost of sales 1)	(9,326)	-	Cost of sales 1)	(9,326)
- SG&A <sup>1)</sup> , R&D	(1,289)	-	SG&A 1), R&D	(1,289)
+/- Other income/expense	2	+/-	Other income/expense	2
+/- Other gains/losses	29	+/-	Other gains/losses	29
= Income from operations	29	+/-	Income from companies using equity method	5
		+	Adjustm. for depreciation on cap. interest	10
+/- Income from companies using equity method	5	+	Adjustm. for addition of accrued interest for personnel-related provisions / other provisions	32
+/- Finance income/expense	(125)	= EE	ВІТ	76
incl. capitalized interest exp. of €11 m				
		+/-	Finance income/expense	(125)
			incl. capitalized interest exp. of €11 m	
		-	Depreciation on capitalized interest	(10)
		-	Addition of accrued interest for	(32)
			personnel-related provisions / other provisions	
= EBT	(91)	= EE	ВТ	(91)

1) incl. depreciation on capitalized interest expenses of  $\in$ (10) m



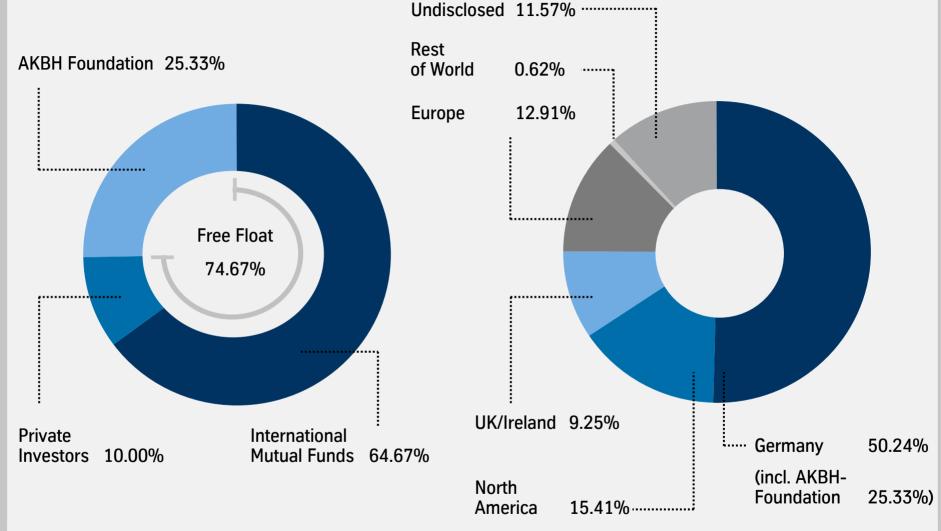
### Compensation for the Executive Board at ThyssenKrupp



[Ceiling total compensation (excl. pensions)] = [fixed compensation] x 6



### **Shareholder Structure**



Source: ThyssenKrupp Shareholder ID 03/2012, ThyssenKrupp AGM registrations



#### **Our Mission Statement**

#### We are ThyssenKrupp – The Technology & Materials Company.

Competence and diversity, global reach, and tradition form the basis of our worldwide market leadership. We create value for customers, employees and shareholders.

#### We Meet the Challenges of Tomorrow with our Customers.

We are customer-focused. We develop innovative products and services that create sustainable infrastructures and promote efficient use of resources.

#### We Hold Ourselves to the Highest Standards.

We engage as entrepreneurs, with confidence, a passion to perform, and courage, aiming to be best in class. This is based on the dedication and performance of every team member. Employee development is especially important. Employee health and workplace safety have top priority.

#### We Share Common Values.

We serve the interests of the Group. Our interactions are based on transparency and mutual respect. Integrity, credibility, reliability and consistency define everything we do. Compliance is a must. We are a responsible corporate citizen.



### Disclaimer ThyssenKrupp AG

"The information set forth and included in this presentation is not provided in connection with an offer or solicitation for the purchase or sale of a security and is intended for informational purposes only.

This presentation contains forward-looking statements that are subject to risks and uncertainties. Statements contained herein that are not statements of historical fact may be deemed to be forward-looking information. When we use words such as "plan," "believe," "expect," "anticipate," "intend," "estimate," "may" or similar expressions, we are making forward-looking statements. You should not rely on forward-looking statements because they are subject to a number of assumptions concerning future events, and are subject to a number of uncertainties and other factors, many of which are outside of our control, that could cause actual results to differ materially from those indicated. These factors include, but are not limited to, the following:

- (i) market risks: principally economic price and volume developments,
- (ii) dependence on performance of major customers and industries,
- (iii) our level of debt, management of interest rate risk and hedging against commodity price risks;
- (iv) costs associated with, and regulation relating to, our pension liabilities and healthcare measures,
- (v) environmental protection and remediation of real estate and associated with rising standards for real estate environmental protection,
- (vi) volatility of steel prices and dependence on the automotive industry,
- (vii) availability of raw materials;
- (viii) inflation, interest rate levels and fluctuations in exchange rates;
- (ix) general economic, political and business conditions and existing and future governmental regulation; and
- (x) the effects of competition.

Please note that we disclaim any intention or obligation to update or revise any forward-looking statements whether as a result of new information, future events or otherwise."

