

# Rheinmetall Group Corporate Presentation

April 2019





#### Rheinmetall

#### **Group structure**

#### **Group performance indicator**

~€6bn sales

~8% op. margin

~2-4% Cash on sales

30-35% payout ratio

RHEINMETALL GROUP 2018

# Strategy roadmap ganic International

Organic growth

expansion Targeted

Leading by innovations

Targeted acquisitions

## AUTOMOTIVE

Our heart beats for your engine

Op. margin
8.9% €2,930m

€265m

\*€478m

11,710

\* Short-term; \*\*Headcount at capacities;

30m 48% 55m 53%

51%

Sales
Oper. Result
Order backlog
Headcount\*\*

52% 47% 49%

Force protection is our mission

**DEFENCE** 

€247m

€3,221m

7.9%

Op. margin

€8,577m



#### FY 2018 Highlights: Group

#### 2018 finished with new record levels

Order intake

Sales
Operating Result

EPS
Dividend\*

€8.5bn +44%
vs PY

€6.1bn +4%
vs PY

€492m +23%
vs PY

€7.10 +36%
vs PY

€2.10 +24%
vs PY



Solid sales development to €6.1bn on the back of a challenging environment

Operating result increased by €92m to €492m driven by both segments

EPS grew by 36% to €7.10 (including one-off effects)

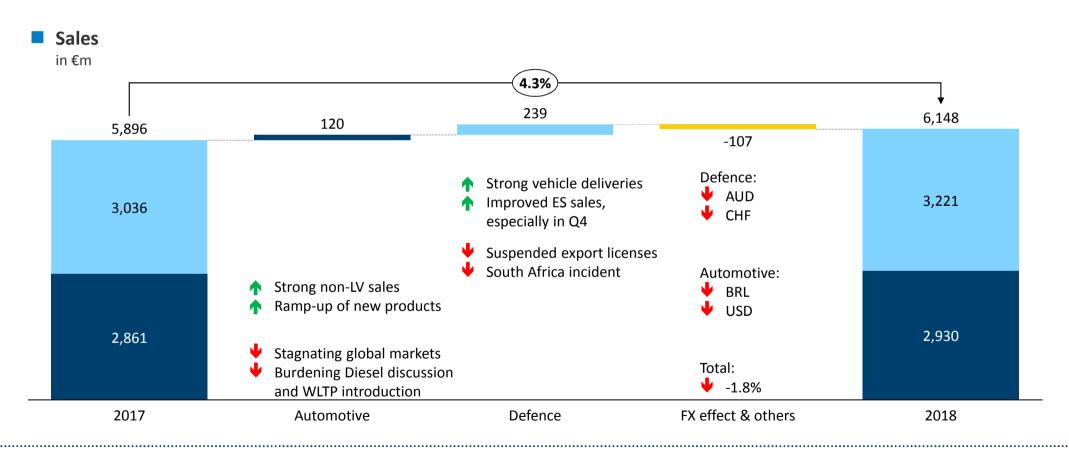
Dividend proposal\* increased by 24% to €2.10

<sup>\*</sup>Subject to AGM approval



#### FY 2018 Highlights: Group

#### **Strong FX-adjusted sales growth of 6.1%**

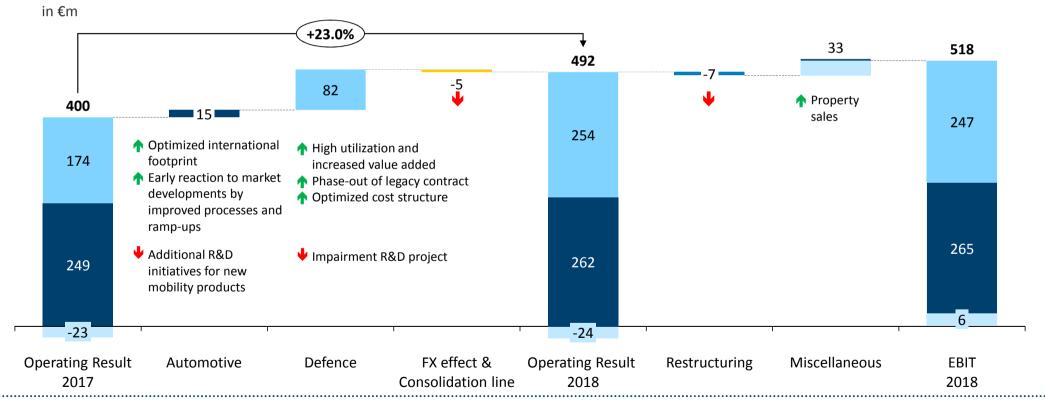




#### FY 2018 Highlights: Group

#### Strong profitability gains, Defence closing in on Automotive

#### Operating result





## Rheinmetall Group

## Sturdier equity ratio and return to investment grade in 2018

#### Key financials in €m

Equity ratio improved to 32.1%
Upgrade to investment grade in April 201
Net-debt remains on low level
Solid credit KPIs

	FY 2017*	FY 2018	Δ
Total assets	6,330	6,759	429
Equity	1,860	2,172	312
Equity ratio	29.4%	32.1%	270bp
Net debt	-56	31	n.a.
Investment grade	Ba1(positive)	Baa3(stable)	
Debt ratio <sup>1</sup>	-4.3%	0.5%	160bp
Net gearing <sup>2</sup>	-12.3%	1.4%	460bp
Leverage ratio <sup>3</sup>	-0.1x	0.04x	0.14x

<sup>1</sup> Net financial debt / (Total assets-liquid financial assets)

<sup>2</sup> Net financial debt / Shareholder's equity

<sup>3</sup> Net financial debt / EBITDA

<sup>\*</sup>FY 2017 adjusted for IFRS 9/15/16 and re-evaluation effects



# Rheinmetall Group **Strong value generation**

In €m	FY 2017	FY 2018	Δ
EBITDA	626	836	33.5%
EBIT	385	518	34.5%
Interest result	-39	-33	-15.4%
EBT	346	485	40.2%
Net income	252	354	40.5%
Minorities	28	49	75.0%

- EBITDA included €41m exceptional D&A
- EBIT benefited from €27m special effects
- Interest result improved also due to divestment of US pension plan
- Underlying effective tax rate unchanged at 27%
- Minorities grew on RMMV performance

In €m	31/12/17*	31/12/18	Δ
Equity	1,860	2,172	16.8%
Net debt (+) / Net cash (-)	-56	31	n.a.
Pension provisions	1,080	972	-10.0%
Average capital employed**	2,792	3,030	8.5%
ROCE (in %)	13.8%	17.1%	331 bp

- Net debt swung to lower level
- Pension provisions lower due to CTA contribution and higher discount rate
- ROCE improved significantly by 331bp to 17.1% (Group pre-tax WACC: 10.7%)

<sup>\*</sup>FY 2017 adjusted for IFRS 16 effects

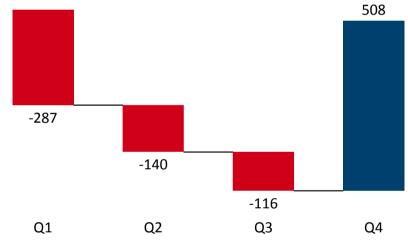
<sup>\*\*</sup>average capital employed is the mean of 2017/2018 year-end figures



#### Rheinmetall Group

#### Q4 catch-up effect strongly underpinned by working capital

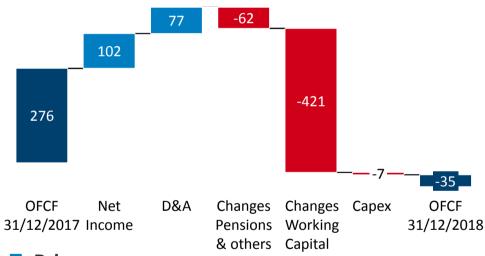
#### Operating free cash flow per quarter in €m



#### Drivers

- Trend reversal of negative quarterly operating free cash flow in Q4
- Q4 fell short due to a late milestone payment received in January 2019

#### Operating Free Cash Flow components changes y/y in €m



#### Drivers

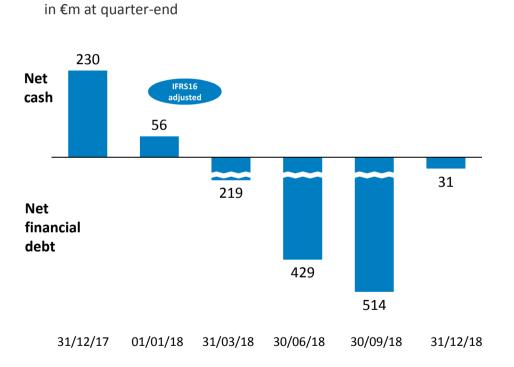
- Higher receivables after strong Q4 sales rally
- Increase in safety stock for bottleneck intermediates
- Export ban for trucks
- Milestone payment delayed to early January



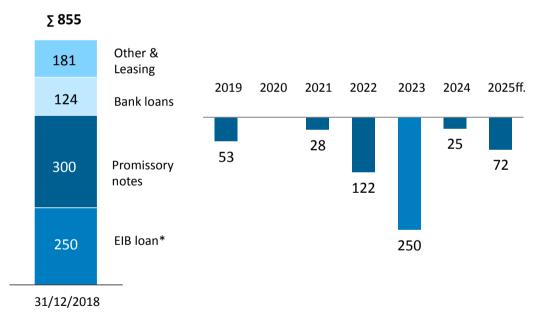
#### Rheinmetall Group

Net financial debt / net cash

#### Net-debt remained on a satisfactory level



Debt composition and maturity profile in €m



\*€250m EIB loan (0.962% coupon) maturing in August 2023



#### Concluding a challenging year with resilient profitability

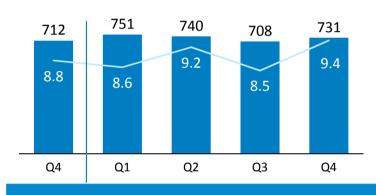


- Difficult market environment particularly in H2
- Sales growth of €69m to €2,930m (4.2% FX-adjusted) in a contracting market
- Operating margin of 8.9% on record level
- Operating FCF of €26m supported by sequentially improved Q4 performance
- Inauguration of new production sites for e-mobility and innovative casting products



#### Q4 with market outperformance and record margin

#### **Quarterly sales and margin development**



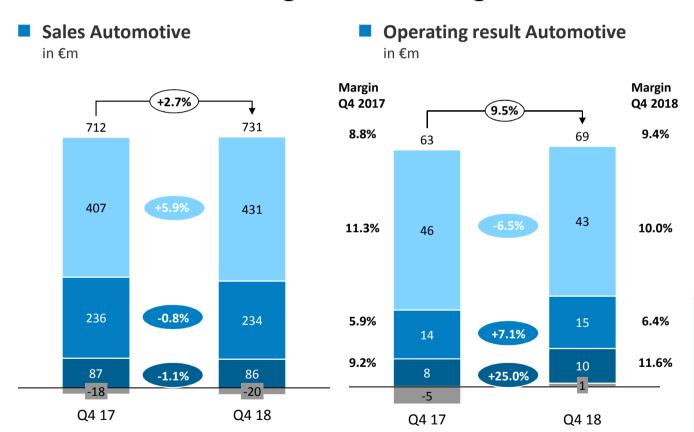
#### **Comments on quarterly performance**

- Sales growth of 2.7% (FX-adjusted 4.2%) with strong outperformance
- Operating result increased to €69m, raising margin to 9.4%
- OFCF sequentially improved, but significantly below PY quarter due to inventory build-up of safety stock for scarce components
- Cash-to-sales ratio in Q4 recovered, but FY below guided range

In €m	Q4 2017	Q4 2018	Δ	FY 2017	FY 2018	Δ
Sales	712	731	2.7%	2,861	2,930	2.4%
Operating result	63	69	9.5%	249	262	5.2%
Operating margin in %	8.8%	9.4%	59 bp	8.7%	8.9%	24 bp
Operating Free Cash Flow	74	42	-43.2%	106	26	-75.5%
Operating FCF / Sales	10.4%	5.7%	-465 bp	3.7%	0.9%	-282 bp



#### Automotive still strong in a weakening market



#### **Mechatronics**

Positive leverage, especially in the pump business

Ramp-up cost for new products and capacity expansion

Transfer of e-mobility R&D expenses from central to Mechatronics

#### **Hardparts**

Improved ramp-up in casting business led to higher contribution of at equity entities

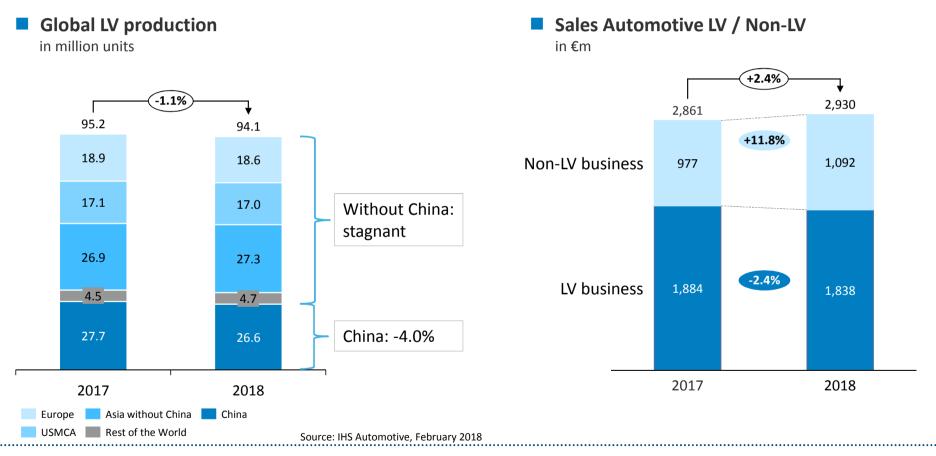
#### **Aftermarket**

Slow sales in Middle East but profitable business in Brazil, USA and Russia

Process improvements in production

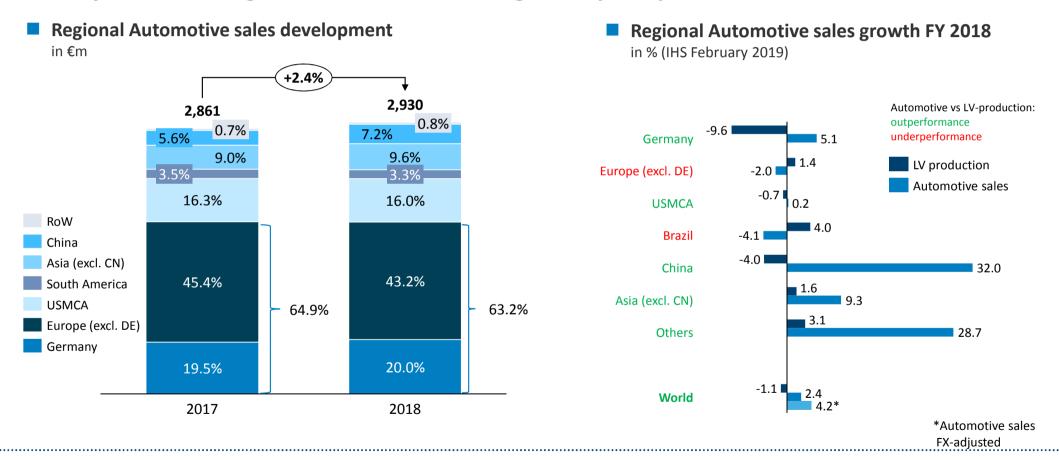


#### Non-LV business overcompensated lagging LV sales





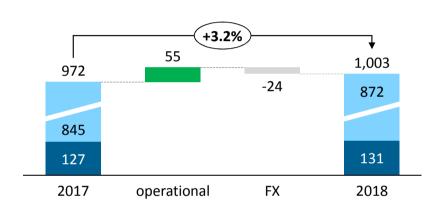
## FX-adjusted sales growth of 4.2% in a regionally very mixed market



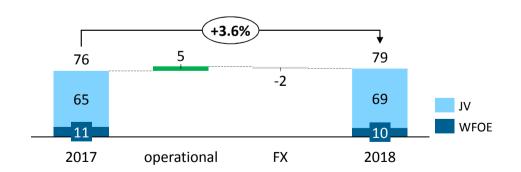


#### China in 2018 reported a positive development

#### Sales in €m





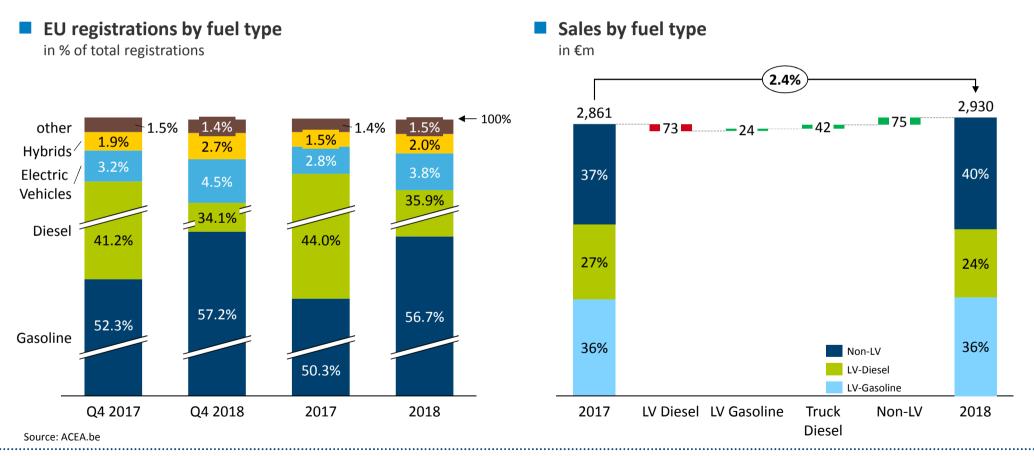


- Operational sales growth of 5.7% in a contracting market of -4.0%
- Margin slightly improved from 7.8% to 7.9%
- Burdening start-up costs for piston plant and development costs related to new project acquisitions
- Positive trend for clean and e-mobility

Including 100% figures of 50/50 JV, consolidated at equity



#### Diesel saw further decline in 2018, but overcompensated by Non-LV growth





#### FY 2018 Key Events: Defence

#### 2018 marked the beginning of the "super cycle"



- Impressive order intake of €5.6bn
- Sales growth of €185m to €3,221m (7.9% FX-adjusted)
- Operating margin increased to 7.9%
- Q4 OFCF of €479m raised FY to -€29m OFCF
- Tragic incident at South Africa plant



#### Q4 2018 Highlights: Defence

#### **Record fourth quarter in relevant KPIs**

#### **Quarterly sales and margin development**



#### **Comments on quarterly performance**

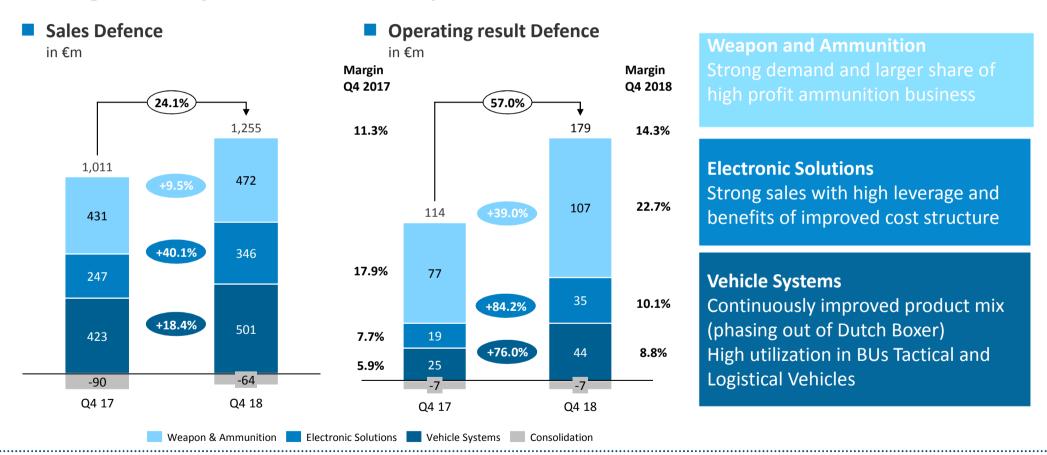
- High order intake of €1bn drove FY to €5.6bn
- Strong year-end sales rally of plus 24%
- High utilization and favorable product mix boosted margin
- Q4 18 abs. OFCF exceeded Q4 17 by 21%, full year however negative

In €m	Q4 201	7 Q4 201	18 Δ	FY 2017	FY 2018	Δ
Order intake	671	1,094	63.1%	2,963	5,565	87.8%
Sales	1,011	1,255	24.1%	3,036	3,221	6.1%
Operating result	114	179	57.0%	174	254	46.0%
Operating margin in %	11.3%	14.3%	299 bp	5.7%	7.9%	215 bp
EBIT	115	181	57.4%	172	247	43.6%
Operating Free Cash Flow	395	479	21.3%	238	-29	n.a.
Operating FCF / Sales	39.1%	38.2%	-91 bp	7.8%	-0.9%	-874 bp



# Q4 2018 Highlights: Defence

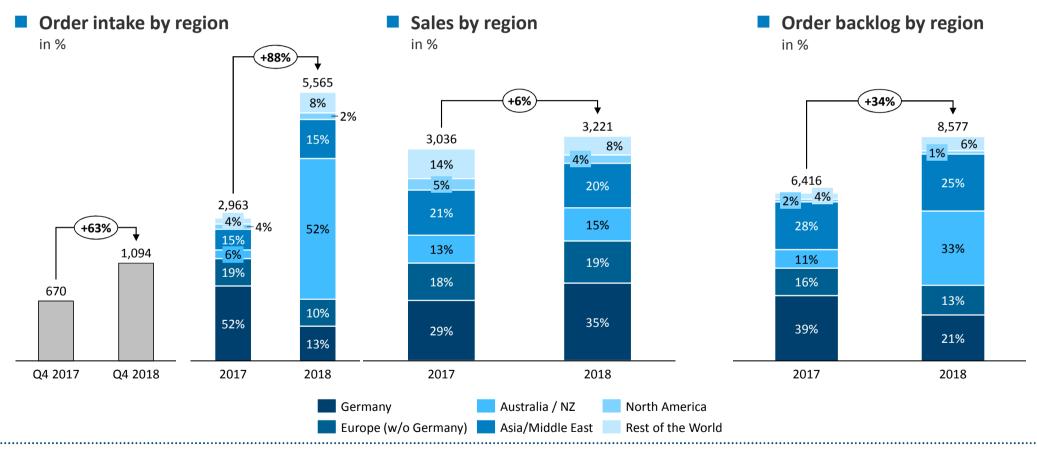
## Strong finish by all divisions as expected





#### FY 2018: Defence

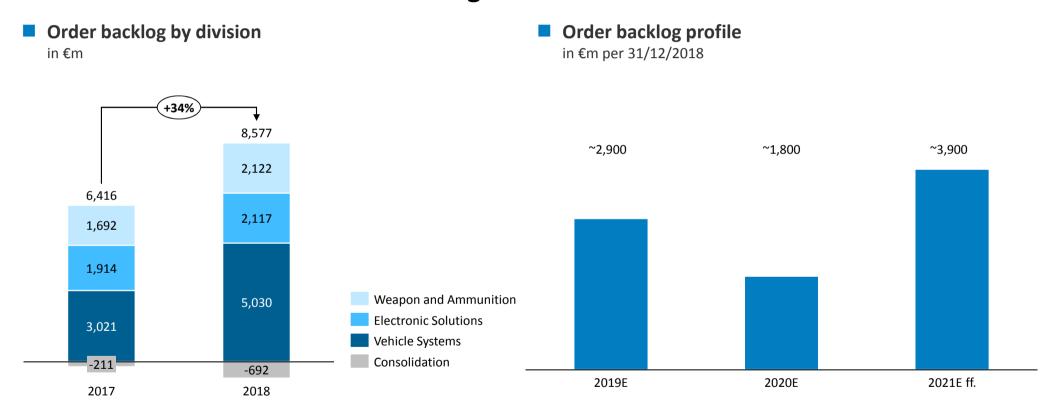
#### **Huge Australian orders boost order intake and backlog**





#### FY 2018: Defence

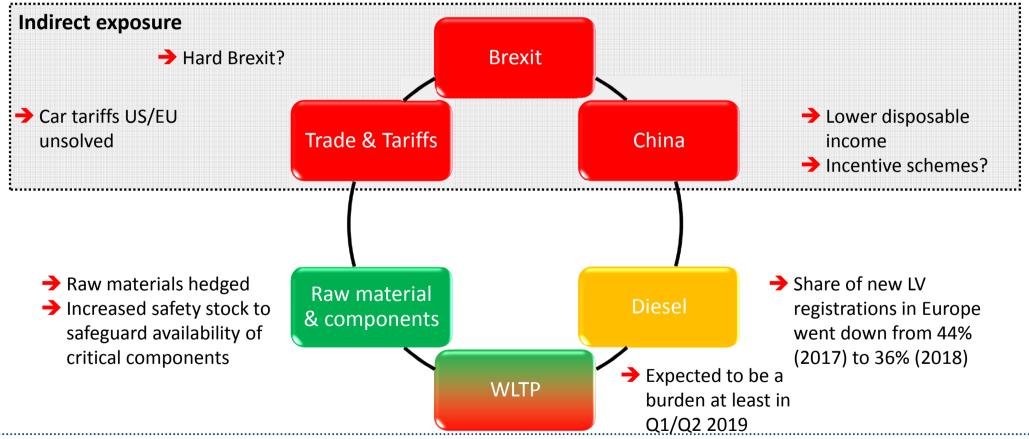
#### 2018 laid the foundation for further growth





#### **Outlook Automotive: 2019**

#### The risk map for Automotive has gained complexity

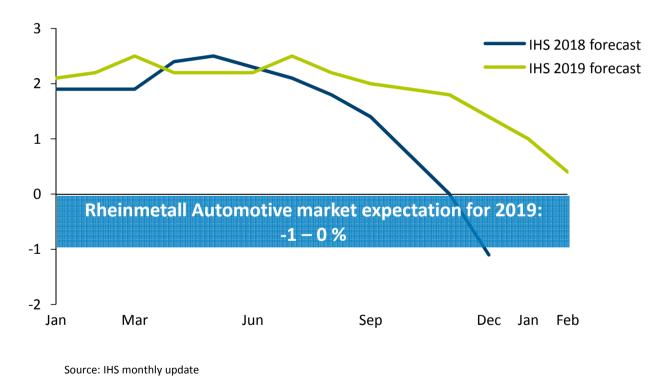




#### **Outlook Automotive: 2019**

#### Automotive anticipates a contracting market

#### LV-production scenarios

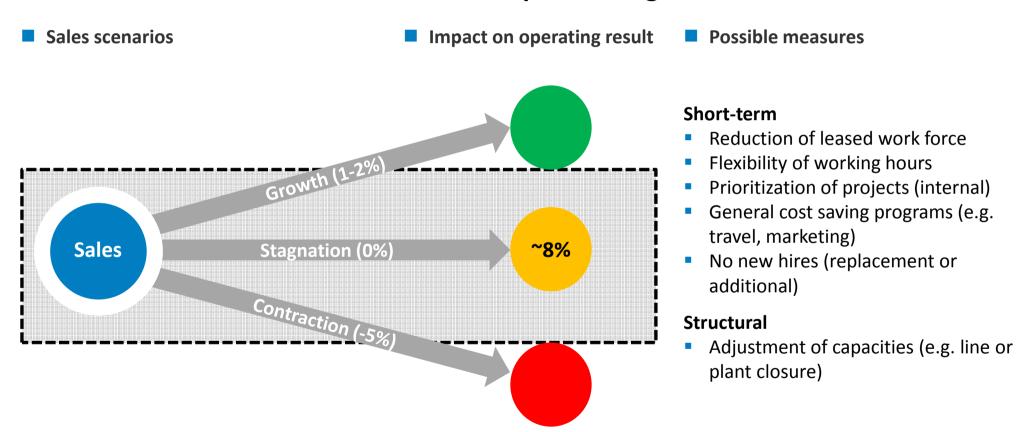


- IHS reported declining growth figures throughout 2018 continuing into 2019
- Rheinmetall Automotive anticipates a more negative market development than IHS based on:
  - Projection of negative IHS 2018 trend
  - Regional sales exposure
  - Structure of customer portfolio



# Outlook Automotive: 2019 and mid-term

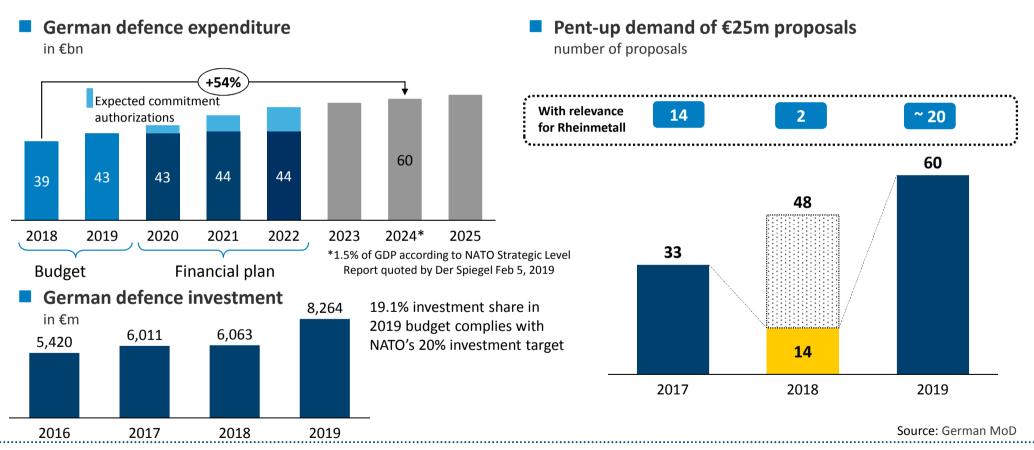
#### Various instruments available to limit impact of negative markets





#### Outlook Defence: 2019

#### Strong German commitment to 1.5% with increased demand starting in 2019

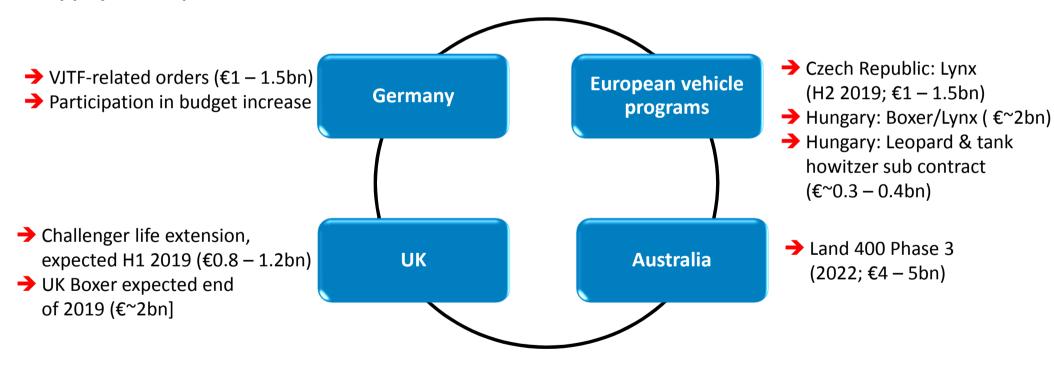




#### Outlook Defence: 2019

#### Solid pipeline of projects in our home markets

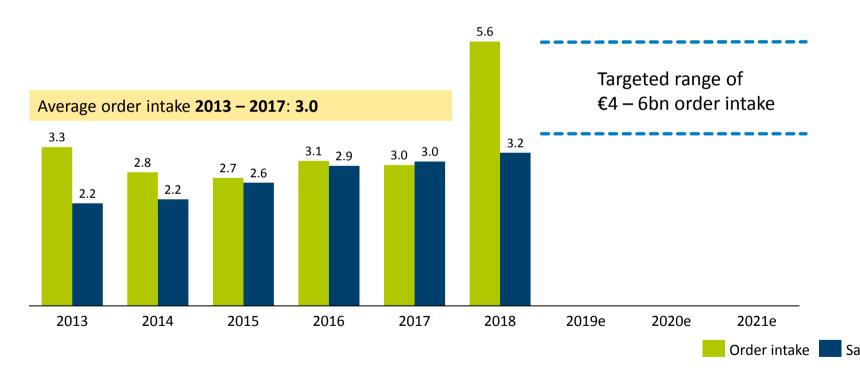
Key projects and potentials





# Outlook Defence: Mid-term Further big-ticket orders in sight

Order intake, sales
in €bn



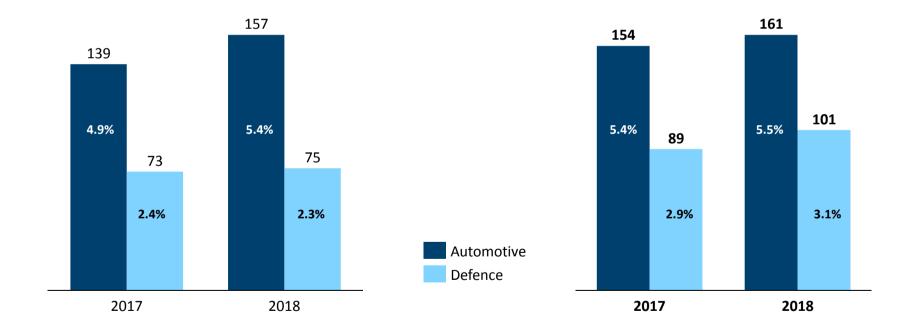


# FY 2018 Highlights: Innovation

## Focused R&D and capex within guided parameters

■ R&D
in €m and in % of sales

■ Capex
in €m and in % of sales



# No hard Brexit; no escalation of trade wars targeted



#### FY 2019 Guidance

# High sales growth and earnings improvement targeted

	Sales		Operating margi		
	<b>2018</b> Growth y/y in % at constant FX	<b>2019e</b> Growth y/y in % at constant FX	<b>2018</b> in %	<b>2019e</b> in %	Mid-term in %
Group	6.1	4 – 6	8.0	around 8	Minus €25 – 35m (consolidation line)
Automotive 🛱	4.2	0 – 1	8.9	around 8	around 8
Defence 💮	7.9	9 – 11	7.9	8.0 – 8.5	8 – 9

Operational growth at constant FX



# Select key data: outlook 2019

Rheinmetall Group		In %(PY)	Automotive	<b>Defence</b>
Holding cost	~€25-30m (PY: €24m)	Capex (w/o IFRS 16)	5.5-6% (5.5%)	3.5-4.5%(3.1%)
Tax rate	Comparable level (PY: 27%)	D&A	~5.5% (5.3% reported, scheduled 5.2%)	3-3.5% (4.8% reported, scheduled D&A 3.7%)
Interest result	~€40m (PY:-€33m)	R&D	5-6% (5.4%)	2-2.5% (2.3)



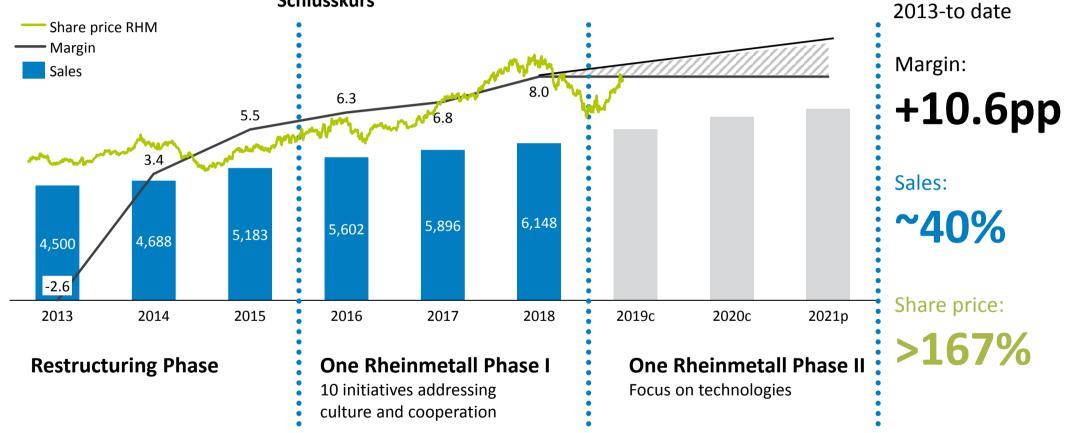
Leading and shaping change – Focus on technology





#### Rheinmetall Group

# Markets have acknowledged operational development Schlusskurs





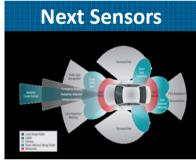
# Rheinmetall Technology Cluster Top five technology cluster identified

# Automation

 Advanced assistant systems for driving, sensing, protection and weaponing



- New, digitalized vehicle architectures
- Virtual prototyping and digital twins
- System / health monitoring, predictive maintenance, logistics



- New LIDAR\* / Radar sensors
- Resistant to jamming / spoofing
- Next generation IR sensors



- Hybrid drive
- E-drive
- Micro mobility



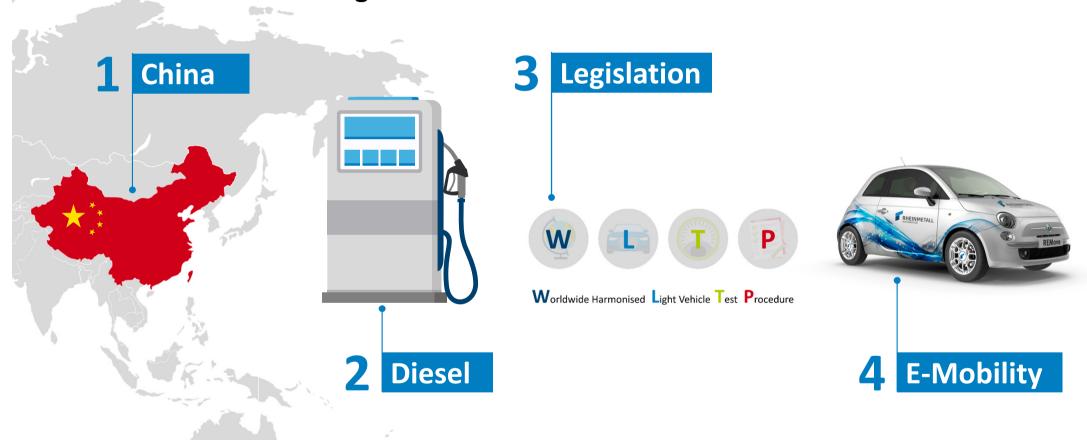
- Al supported technologies
  - to handle complex situations
  - for decision support
  - for information superiority

\*LIDAR=light detection and ranging



#### Automotive

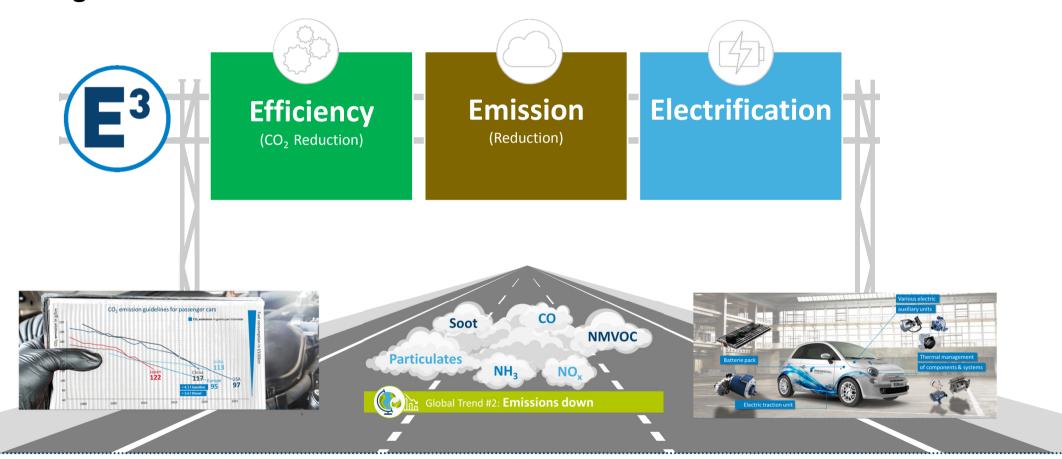
# Meet the current challenges of the business





#### Market trends

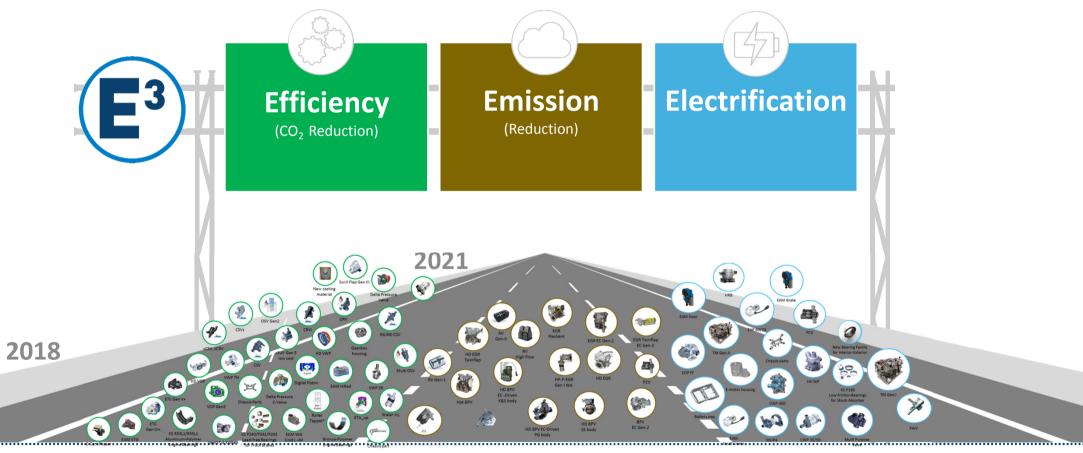
# The growth drivers of Rheinmetall Automotive





#### **Innovations**

## The innovation pipeline for all three trends is packed





## Diversification

# Increasing portfolio for non-LV applications



**Sanitary application** 

E.g. ship and locomotive

pistons

**Diverse portfolio for** 

truck applications

**Global supply of spare parts** 



# **Summary Automotive**



On track to close 2018 on record levels



Markets are challenging, but outperformance realistic



Innovative portfolio accommodates growth trends



Margin resilience confirmed

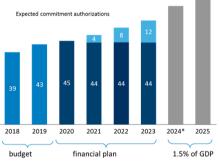
1990 2035 **DECLINING BUDGETS GLOBALLY RISING** Upscaling of "Peace (ESPECIALLY IN THE WEST) **BUDGETS** forces and dividend" modernization Return to Downscaling alliance and of forces and territorial armament defence Out of NATO 2% **INFLECTION** area target **POINT** missions 2014 Annexation of the Crimean peninsula



## **Drivers Defence**

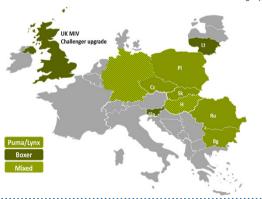
# Well positioned to participate in "home markets" growth

# **German Budget increase**



\*target year for 1.5%

European Vehicle Programs



# German NATO commitment





Australian Land Programs



## German Defence

# Timeline for German 100% equipment level



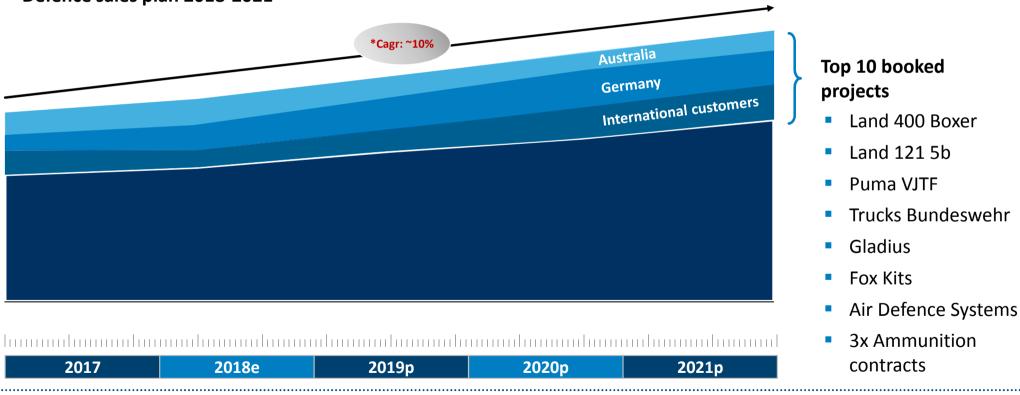




# Sales development

# Strong sales growth supported by existing backlog

Defence sales plan 2018-2021

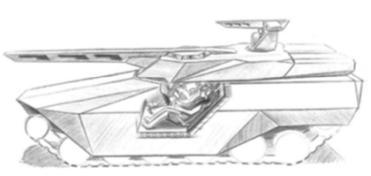


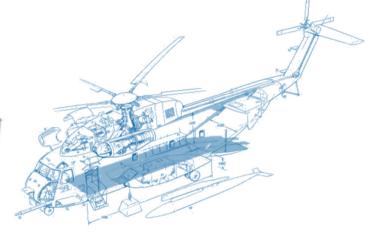


#### **Innovations**

# Demand-driven product development and targeted cooperations







**New logistical platforms** 

Groundbreaking sub-systems

**New tactical platforms** 

Innovative weapon and ammunition

Digitized command and reconnaissance

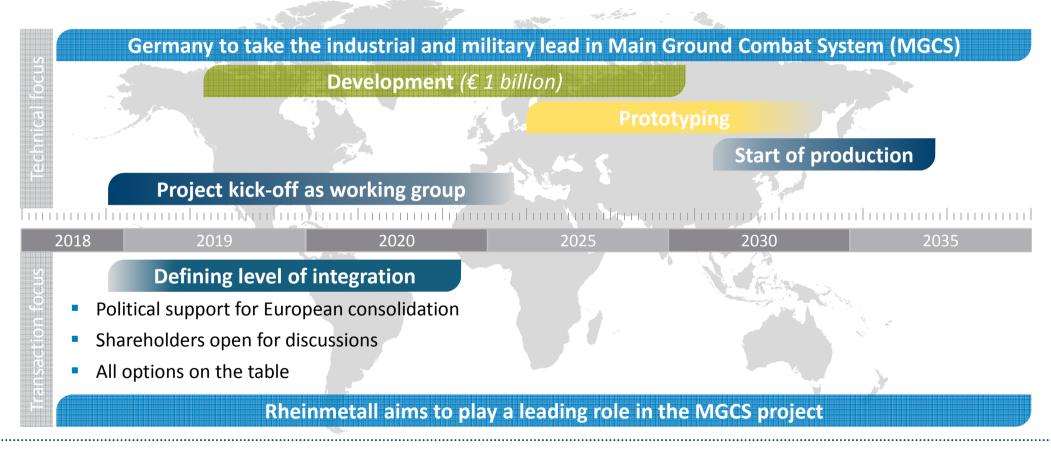
New business models

New cooperations with Sikorsky, Raytheon



# **European Defence**

# Future Main Battle Tank system MGCS will be a milestone for the industry





## **Summary Defence**

1

On track to close 2018 on record levels



Start of "super cycle" provides for long-lasting profitable growth



Continued internationalization taps into additional regional potentials



Sharpening profile of ES division as a system provider creates opportunities



Mid-term guidance update in 2019 after acquisition of further orders

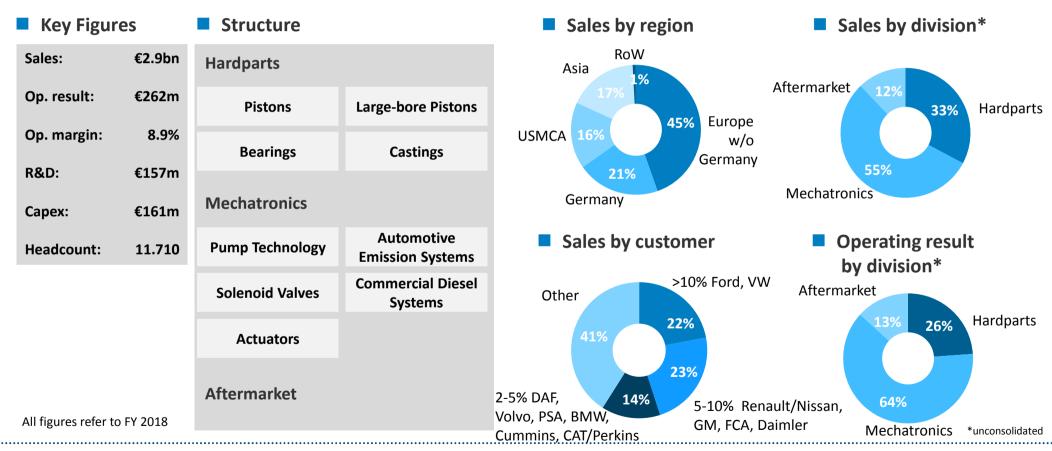




# **Automotive – Focus on innovation**



## Automotive with leading technology and market positions

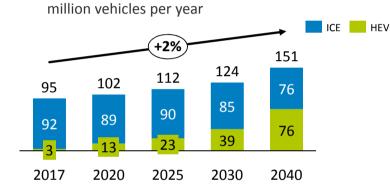




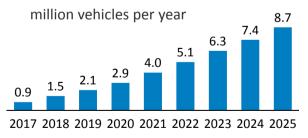
# Drivers for growth

# Rising global fleet and regulatory restrictions are supporting our growth

Light vehicle production grows

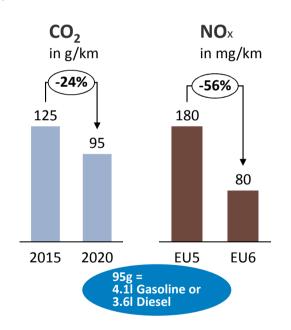


BEV 2017-2025



IHS and company estimates

**Emission thresholds decrease** 



Stricter emission testing



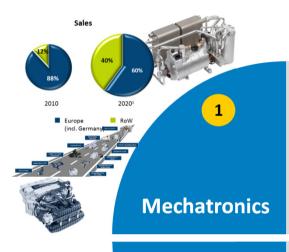
Mainly EU!



Stricter testing sets the benchmark even higher!



#### **Overview Rheinmetall Automotive**



- Legislation is driving the business
- International market offer great growth potentials
- E-Mob and Diesel impacts
- Preserve technological leadership (thermo-mgmt., HV/EV competences)
- New products pipeline fully loaded
- Manage- for-cash strategy for engine component segment
- Re-investment and growth by diversification & transformation
- Optimize global footprint

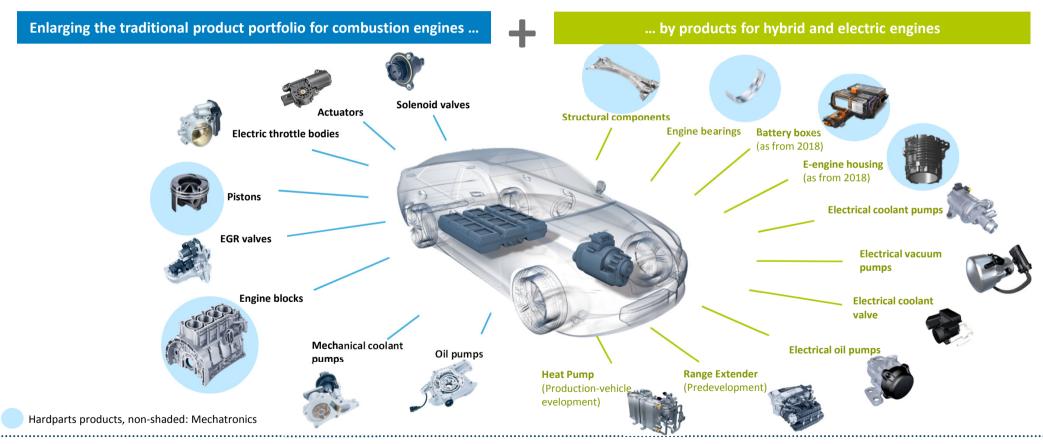
- Gain bigger share in **NEV market**
- Growth strategy outperforming Chinese market development
- Build up strong local engineering / R&D capabilities
- Environmental challenges
- Optimize In-house production
- Focus on high tech products and expand product portfolio
- Increase sales through new sales channels and customers
- Implement BU (Matrix)
   organization and optimize
   processes / project management







# **Broad product range for alternative drive systems**





# E-mobility competence underlined by contracts and by initiatives for new solutions

Contract volume for electric vehicles (EV)\*

# €~800 m

■ Lifetime order value € ~250m BEV, € ~550 m Hybrid

#### **E-Taxi London**

Pump technology for pure electric taxis



#### **Battery cell boxes**

Aluminum battery boxes for German premium OEM



#### **Electric engine housing**

Electric engine housing for German premium OEM to serve the Chinese market

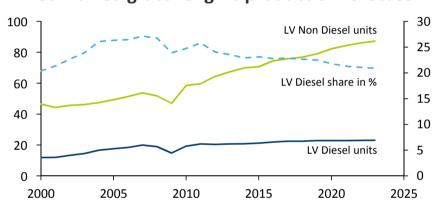


<sup>\*</sup> Rheinmetall Automotive and Joint Ventures



# LV Diesel exposure limited; powertrain neutrality is the strategic target

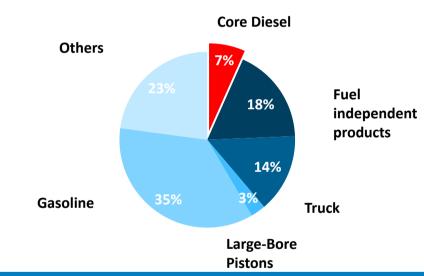
#### Combined global engine production forecast\*



#### Further regulatory pressure expected

- Next regulation deadline approaching in 2020
- Real driving emission(RDE) testing will create further pressure to reduce emissions by hardware installation
- First city ban for diesel engines announced in Germany

#### Automotive sales distribution by engine type\*\*



Benefitting from OEM's effort to reduce emissions and to avoid penalties

- \* IHS: Combined Engine Production Forecast April 2017
- \* Rheinmetall Automotive sales FV 2018



# Efficiency

# CO<sub>2</sub> - reduction with Automotive products – gasoline engine vehicle

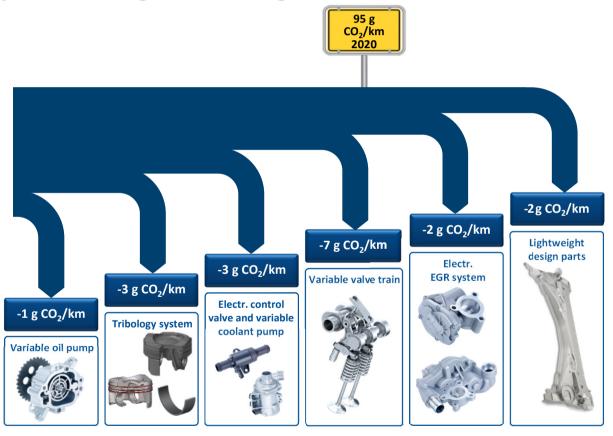
130 g CO<sub>2</sub>/km 2015



#### Reference model

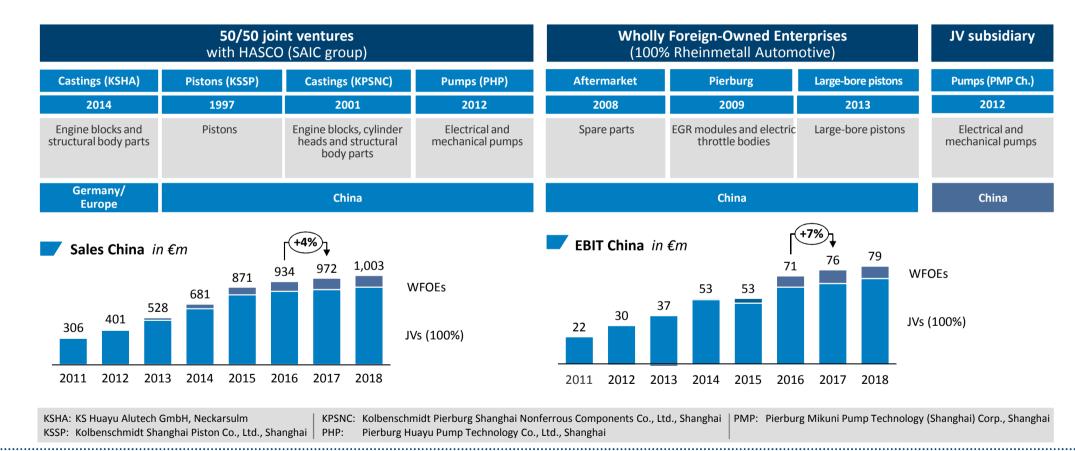
1.4L 4-cylinder TC DI gasoline engine (115kW) Approx. 138 g CO<sub>2</sub>/km in NEDC

**Rheinmetall Automotive products** 





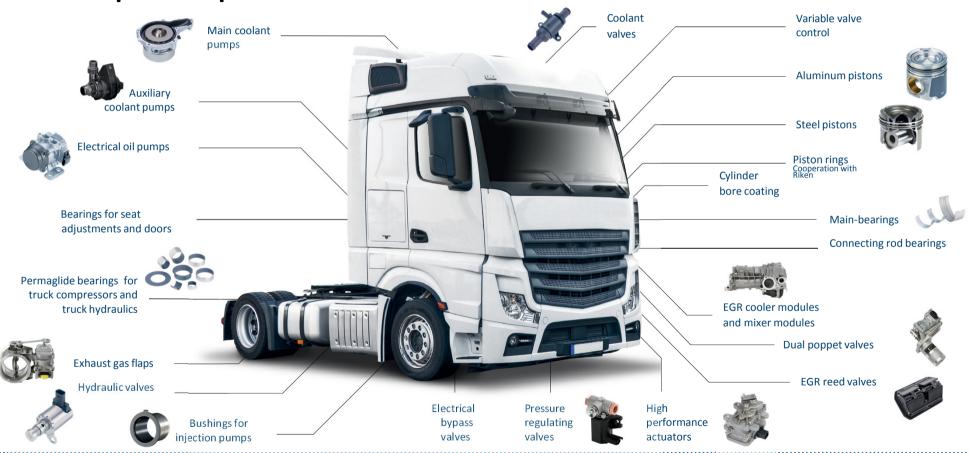
#### **Automotive in China**





## Truck

# Our current product portfolio







**Defence** – at the beginning of a "super cycle"



# Defence is a leading supplier with an increasing international presence

Key Figures Sales by region Sales by division\* Structure Sales: €3.2bn **Weapon and Ammunition Vehicle Systems** RoW Germany Weapon and **Protection** Aus/NZ Op. result: €254m Weapon and **Ammunition Systems** 34% Ammunition 31% **Propulsion** Op. margin: 7.9% **USMCA Systems** R&D: €75m 19% 24% **Flectronic** Asia / **Electronic Solutions** Europe Solutions Middle East €101m Capex: Air Defence & Mission Operating result by division\* Order backlog by division **Headcount:** 10,948 **Radar Systems** Equipment Simulation and **Technical** Other Vehicle Weapon and **Training Publications Systems** Ammunition 23% **Vehicle Systems** Vehicle 44% Weapon and **Systems** Ammunition 23% **Logistic Vehicles Tactical Vehicles** Electronic 17% Electronic Solutions All figures refer to FY 2017 \*unconsolidated Solutions



# Defence at the beginning of long-lasting market growth Rising awareness of military threats

# Changes in macro environment...



...trigger comprehensive defence programs









#### **Growing project portfolios and rising budgets**

- Germany announced to spend €130 bn over the next decade
- Defence budget increases 3% cagr 2016-2022
- UK tank programs

- Franco-German defence initiative
- EU Defence Initiative
  - EU Funds
  - Pesco

- NATO returns to territorial defence strategy
- 2% spending target
- East European armies setting up various vehicle programs
- Australian "One Defence" program
- Singapore and Indonesia accelerating defence spending



# Germany

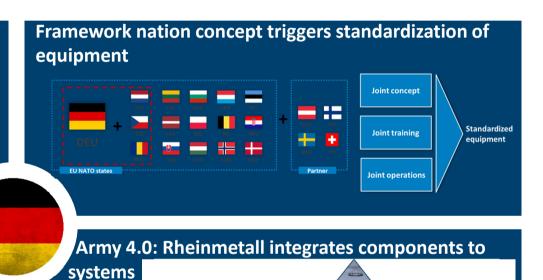
## **Drivers behind budget increase**

#### "Turnarounds" in Germany

- Personnel:Mid-term return to 220,000 soldiers
- Material:100% equipment level and additional division
- Finance: Increase of defence budget 24% from 2016 to 2021

#### **Enhanced future profile**

- Anchor army for smaller neighbor armies
- Leading role in "enhanced Forward Presence" in Lithuania
- Framework nation in "Very High Readiness Joint Task
   Force as of 2019
- Currently 14 international mandates



ROHDE&SCHWARZ

Raytheon



# German defence policy

# Additional structural demand of German army under discussion

Vehicles – mid-to-long term potential



Fox (400 vehicles)



Boxer (300-400 vehicles)



Trucks (> 10.000 vehicles)



Puma (~250 vehicles)

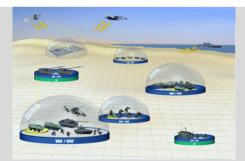
#### Equipment and ammunition – multi billion programs



NNBS (Short range air defence)



TLVS (Tactical air defence)



D-LBO (> €5 bn net) (MoTaKo)

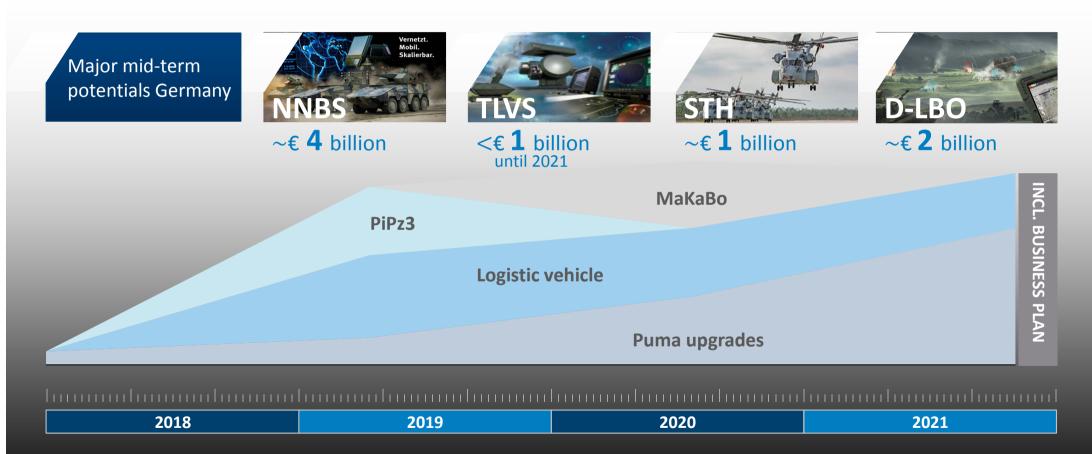


Ammunition (~€2 bn net)



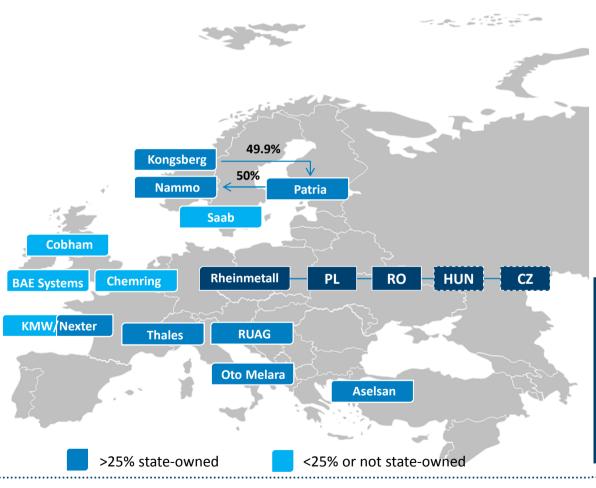
#### German Defence

# Strong German project pipeline line up – upcoming tenders by 2021





# **Defence industry in Europe**



- Governmental shareholding restricts room for cross-border consolidation
- **Big common armament programs** could be catalysts for further consolidation

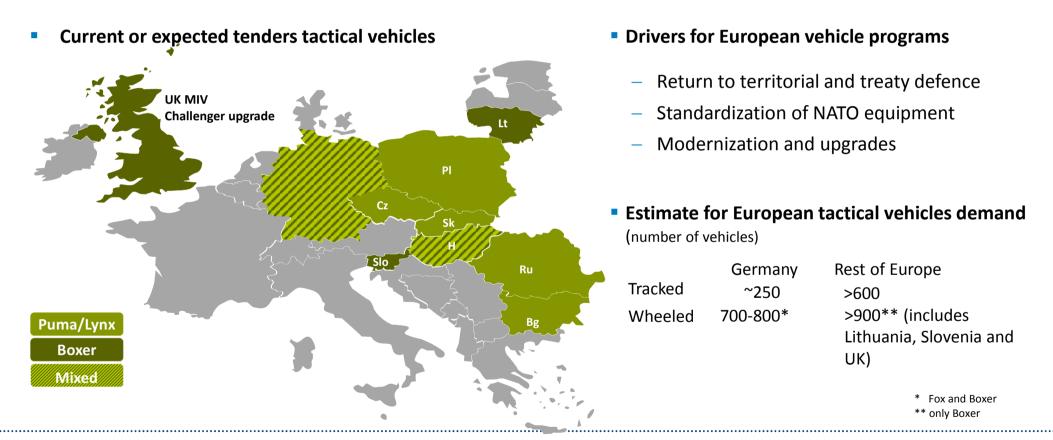
#### Rheinmetall's approach:

- JV partnerships with companies in different nations instead of "putting all eggs in one basket"
- Sufficient organic growth potential, but suitable M&A transactions are possible



# **European Defence**

# Rheinmetall is a key beneficiary of large European vehicle programmes





#### Mission Australia

# Establishing a new "home market" down under



# Australia timing and order size of Land programs Trucks 1<sup>st</sup> & 2<sup>nd</sup> order 2016-2024 €2.0bn & €0.4bn

Boxer CRV 2019-2026 €2.1bn

Ammunition 2018/19 €65m\*

Lynx tender 2024-2031 €4-5bn

Integrated tbd Training System

Technical publication tbd

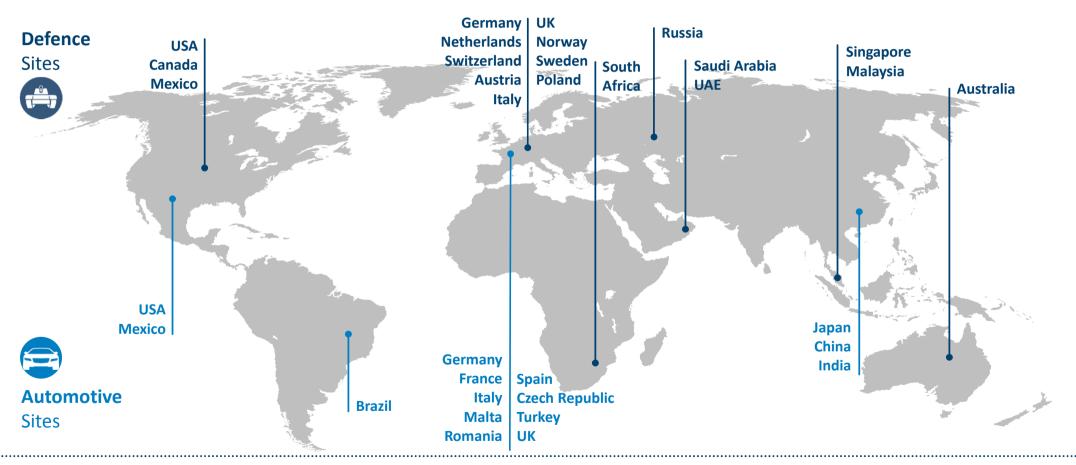
\*initial assessment, option for 5 year contract



# GROUP APPENDIX



# More than 100 production sites and offices on all continents





## **ESG** with high importance for Rheinmetall

#### Environment



- · Reduction of the ecological footprint
  - Decrease of energy needed
  - Selective use of raw materials
- "Road to 95" and E-mobility
  - Our products increase fuel efficiency
  - New e-bike, e-motor and battery pack
- Support of conservation
- Transformation of the former production site in Düsseldorf



#### Social



- · Clear statement against cluster munition
- Promoting education and training
- Support of gender diversity
  - Women in management
- Workforce
  - Integration of refugees via apprenticeships
  - Support of employee families



#### Governance



- Transparency towards customer, investors and other stakeholder
- Non-compliant business behavior is unacceptable
- · Zero tolerance of corruption and fraud
- Central Compliance Management System
  - Employee awareness initiative





# Board remuneration based on three building blocks

Annual target salary (100%)									
Fixum (60%)	Performance-related variable remuneration (40%)								
<ul><li>Twelve equal portions of monthly payments</li></ul>	<ul><li>Short term incentive</li></ul>	<ul> <li>Long-term incentive</li> </ul>							
<ul><li>Fringe benefits:</li><li>Pension insurance (or comparable)</li><li>Company car</li></ul>	<ul> <li>KPI: EBT, ROCE (ea</li> <li>Reference: Budget</li> <li>Range: 0 - 200%</li> <li>Escalators: 0% - &lt;70% - </li> <li>0% linear to max</li> <li>Payout: cash</li> </ul>	of the last three years  (EBT capped at €300m)  110% • Payout: In shares and cash* with							





# Group 2014 – 2018: **Key figures** (as reported)

•	,		•	•		
in €m		2014	2015	2016	2017	2018
Balance sheet	Total assets	5,271	5,730	6,150	6,101	6,759
	Shareholder's equity	1,197	1,562	1,781	1,870	2,172
	Equity ratio (in %)	22.7	27.3	29.0	30.7	32.1
	Pension liabilities	1121	1,128	1,186	1,080	972
	Net financial debt	330	81	-19	-230	31
	Net gearing (in %)	27.6	5.2	-1.1	-12.3	1.4
Income statement	Sales	4,688	5,183	5,602	5,896	6,148
	Operating result	160	287	353	400	492
	Operating margin (in %)	3.4	5.5	6.3	6.8	8.0
	EBITDA	299	490	581	626	836
	EBIT	102	287	353	385	518
	EBIT margin (in %)	2.2	5.5	6.3	6.5	8.4
	EBT	22	221	299	346	485
	Net income	21	160	215	252	354
	Earnings per share (in EUR)	0.47	3.88	4.69	5.24	7.10
	Dividend per share (in EUR)	0.3	1.1	1.45	1.70	2.10
	ROCE (in %)	3.9	10.1	12.3	13.8	17.1
Cash flow statement	Free cash flow from operations	-182	29	161	276	-35
Headcount	Employees (Dec 31) according to capacity	20,166	20,676	20,993	21,610	22,899





# Segments 2014 – 2018 **Key figures**

	Į.	AUTOMOTIV	E					DEFENCE				
2014	2015	2016	2017	2018	in €m			2014	2015	2016	2017	2018
2,466	2,621	2,670	2,922	2,889		2,812	2,693	3,050	2,963	5,565		
416	445	459	520	478	On	der backlog (Dec.	31)	6,516	6,422	6,656	6415.8	8,577
2,448	2,592	2,656	2,861	2,930		Sales		2,240	2,591	2,946	3,036	3,221
184	216	223	248.8	262		Operating result		-9	90	147	174	254
7.5	8.3	8.4	8.7	8.9	Ope	erating margin (ir	າ %)	-0.4	3.5	5.0	5.7	7.9
295	332	356	366.8	420		EBITDA				239	268	403
184	216	223	227	265		-67	90	147	172	247		
7.5	8.3	8.4	7.9	9.0	ı	-3	3.5	5.0	5.7	7.7		
158	167	149	154	161		76	96	95	89	101		
34	96	105	106	26		-132	-38	103	238	-29		
10,830	10,934	10,820	11,166	11,710	Employees	9,184	9,581	10,002	10,251	10,251		
1,322	1,450	1,527	1,621	1,664	Mechatronics Sales		Weapon &	977	881	1,112	1,175	1,056
96	119	142	176	171		EBIT	Ammunition	-4	74	108	117	121
7.3	8.1	9.3	10.9	10.3		EBIT margin		-0.4	8.4	9.7	10.0	11.5
934	952	921	968	989	Hardparts	Sales	Electronic	705	759	745	691	839
72	73	62	60	65		EBIT	Solutions	-53	26	25	20	47
7.7	7.7	6.7	6.2	6.6		EBIT margin		-7.5	3.4	3.4	2.9	5.6
269	285	305	359	367	Aftermarket	Sales	Vehicle	667	1,195	1,392	1,480	1,568
26	27	27	33	36		EBIT	Systems	-9	3	29	53.2	108
9.7 heinmetall A	9.5 G / Corpora	8.9 te Presentat	9.2 on April 20	9.8	•••••	EBIT margin		-1.4	0.3	2.1	3.6	6.9



# **Quarterly development Group**





# **Free Cash Flow summary Group**

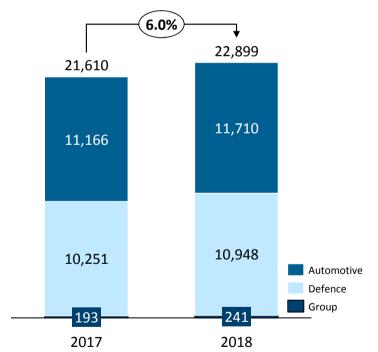
in €m	Q4 2017		Q1 2018	Q2 2018		Q4 2018	FY 2018	Δ Q4 '17/'18	Δ FY '17/'18
Group Net Income	130	252	27	65	85	178	355	48	103
Amortization / depreciation	70	241	64	91	68	95	318	25	77
Change in pension accruals	-8	-44	-42	1	1	-8	-48	-	-4
Cash Flow	192	449	49	157	154	265	625	73	176
Changes in working capital and other items	343	22	-258	-197	-200	257	-398	-86	-420
Changes in other items	31	75	-31	-47	-3	98	17	67	-58
Net cash used in operating activities	566	546	-240	-87	-49	620	244	54	-302
Cash outflow for additions to tangible and intangible assets	-115	-270	-47	-53	-67	-112	-279	3	-9
Free Cash Flow from Operations	451	276	-287	-140	-116	508	-35	57	-311



## **Headcount details**

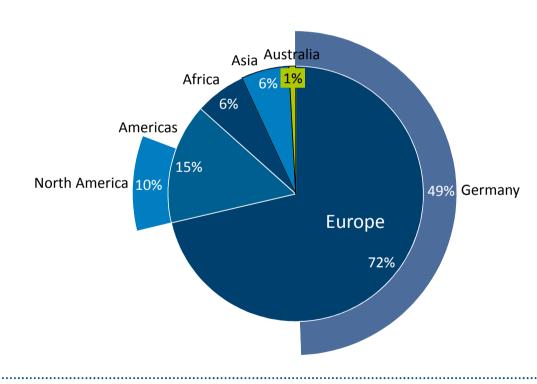
#### Headcount per segment

in capacities at year end



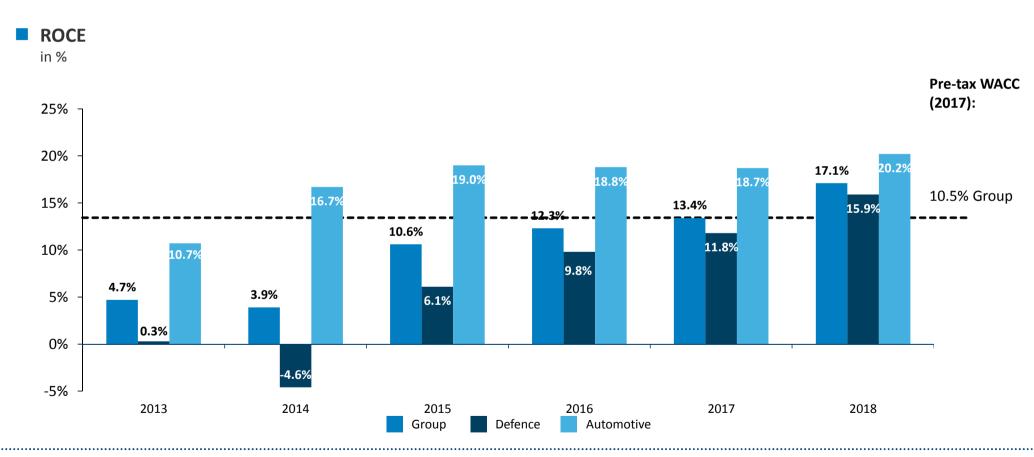
#### Headcount per region

in capacities





# **Continuing ROCE improvement**





#### **Next events and IR contacts**

#### Next Events

Roadshow Dublin 28 March

Roadshow Frankfurt 2 April

Lampe Conference Baden-Baden 5 April

Q1 2019 Earnings call 9 May

Annual General Meeting Berlin 28 May

#### Quick link to documents

**Corporate Presentation** 



Interim Reports



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**Annual Reports** 





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