

# Shaping the transformation together.

UniCredit Automotive Credit Conference, London, 6.-7. June 2018



Volkswagen AG

Ulrich Hauswaldt – Group Investor Relations Martin Büdke – Capital Markets & Rating

Volkswagen Financial Services AG

Bernd Bode – Head of Group Treasury and Investor Relations Katja Hauer – Investor Relations



### Disclaimer

The following presentations contain forward-looking statements and information on the business development of the Volkswagen Group. These statements may be spoken or written and can be recognized by terms such as "expects", "anticipates", "intends", "plans", "believes", "seeks", "estimates", "will" or words with similar meaning. These statements are based on assumptions, which we have made on the basis of the information available to us and which we consider to be realistic at the time of going to press. These assumptions relate in particular to the development of the economies of individual countries and markets, the regulatory framework and the development of the automotive industry. Therefore the estimates given involve a degree of risk, and the actual developments may differ from those forecast. The Volkswagen Group currently faces additional risks and uncertainty related to pending claims and investigations of Volkswagen Group members in a number of jurisdictions in connection with findings of irregularities relating to exhaust emissions from diesel engines in certain Volkswagen Group vehicles. The degree to which the Volkswagen Group may be negatively affected by these ongoing claims and investigations remains uncertain.

Consequently, a negative impact relating to ongoing claims or investigations, any unexpected fall in demand or economic stagnation in our key sales markets, such as in Western Europe (and especially Germany) or in the USA, Brazil or China, will have a corresponding impact on the development of our business. The same applies in the event of a significant shift in current exchange rates in particular relative to the US dollar, sterling, yen, Brazilian real, Chinese renminbi and Czech koruna.

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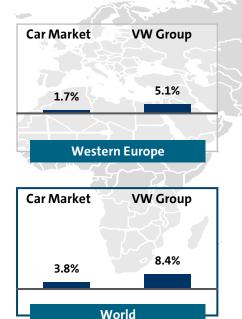
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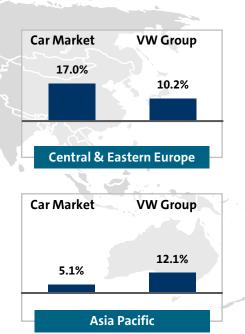
# Development World Car Market vs. Volkswagen Group Car Deliveries to Customers<sup>1)</sup>

(Growth y-o-y in deliveries to customers, January to April 2018 vs. 2017)









<sup>&</sup>lt;sup>1)</sup> Figures excl. Volkswagen Commercial Vehicles, Scania and MAN.



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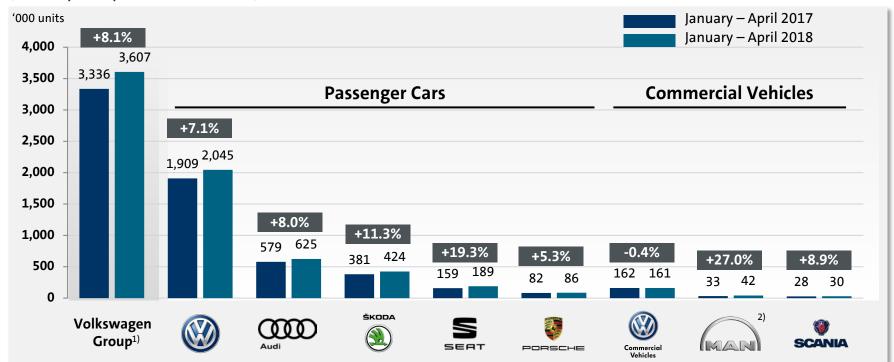
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# **Volkswagen Group – Deliveries to Customers by Brands**

(January to April 2018 vs. 2017)



<sup>1)</sup> Incl. all brands of Volkswagen Group (Passenger Cars and Commercial Vehicles); +8.4% excl. Volkswagen Commercial Vehicles, Scania and MAN.

<sup>2)</sup> MAN incl. MAN Latin America Trucks and Busses GVW > 5t.



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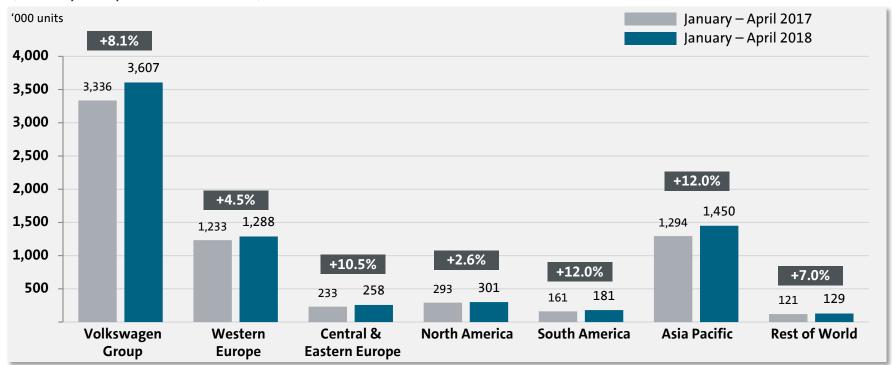
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# **Volkswagen Group – Deliveries to Customers by Markets<sup>1)</sup>**

(January to April 2018 vs. 2017)



<sup>1)</sup> Incl. all brands of Volkswagen Group (Passenger Cars and Commercial Vehicles); +8.4% excl. Volkswagen Commercial Vehicles, Scania and MAN.

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# **Volkswagen Group – Key Financial Figures**<sup>1)</sup>

(January to March 2018 vs. 2017)

thousand vehicles / € million	2018	2017 <sup>2)</sup>	+/- (%)
Vehicle Sales <sup>3)</sup>	2,769	2,610	+6.1
Sales revenue	58,228	56,197	+3.6
Operating profit	4,211	4,367	-3.6
% of sales revenue	7.2	7.8	
Financial result	266	224	+18.8
of which: At-equity result 3)	829	936	-11.5
of which: Other financial result	-562	-712	+21.1
Profit before tax	4,477	4,592	-2.5
% Return on sales before tax	7.7	8.2	
Profit after tax	3,300	3,373	

<sup>1)</sup> All figures shown are rounded, so minor discrepancies may arise from addition of these amounts. Including allocation of consolidation adjustments between the Automotive and Financial Services divisions.

<sup>&</sup>lt;sup>2)</sup> Prior-year figures were adjusted due to IFRS <sup>3)</sup> Volume data including the unconsolidated Chinese joint ventures. The joint venture companies in China are accounted for using the equity method and recorded an operating profit (proportionate) of €1,163 million (€1,112 million).

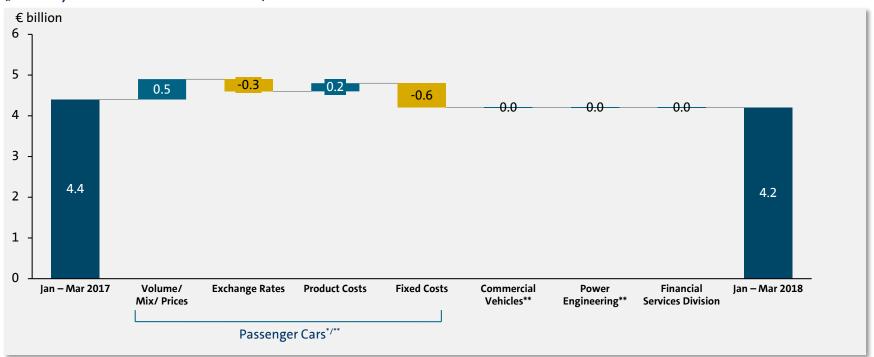


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# **Volkswagen Group – Analysis of Operating Profit**1)

(January to March 2018 vs. 2017)



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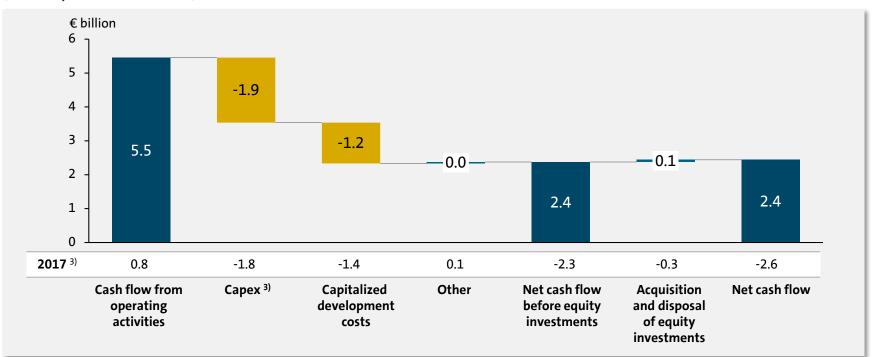
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# **Automotive Division Net Cash Flow Development** 1)2)

(January to March 2018)



<sup>1)</sup> All figures shown are rounded, minor discrepancies may arise from addition of these amounts. 2) Including allocation of consolidation adjustments between Automotive and Financial Services divisions.

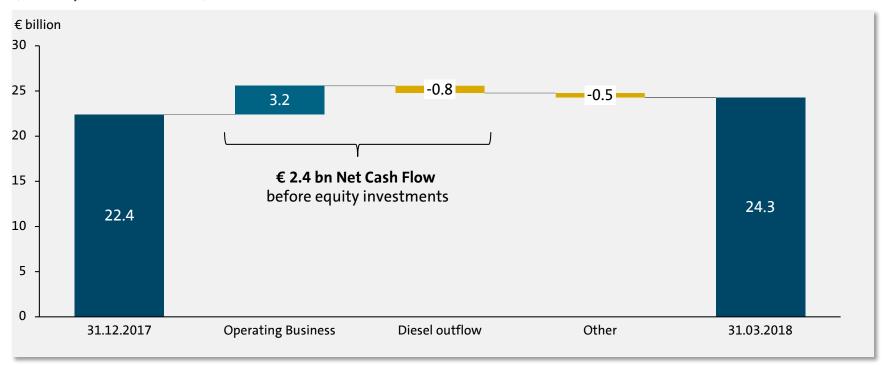
<sup>3)</sup> Capital expenditure for property, plant and equipment in % of Automotive sales revenue.



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# Automotive Division – Net Cash Flow drives solid Net Liquidity<sup>1)</sup>

(January to March 2018)



 $<sup>^{1)}</sup>$  All figures shown are rounded, minor discrepancies may arise from addition of these amounts.

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# **Volkswagen Group – Analysis by Business Line**<sup>1)</sup>

(January to March 2018 vs. 2017)

	Vehicl	Vehicle sales		Sales revenue		Operating profit		Margin	
thousand vehicles/ € million	2018	2017	2018	2017	2018	2017	2018	2017	
Volkswagen Passenger Cars	912	862	20,115	19,040	879	869	4.4%	4.6%	
Audi	394	375	15,320	14,378	1,300	1,244	8.5%	8.7%	
ŠKODA	256	252	4,547	4,334	437	415	9.6%	9.6%	
SEAT	167	148	2,782	2,487	85	56	3.0%	2.3%	
Bentley	2	2	351	361	-44	-30	-12.5%	-8.3%	
Porsche Automotive <sup>2)</sup>	61	57	5,438	5,035	939	932	17.3%	18.5%	
Volkswagen Commercial Vehicles	117	119	2,945	2,875	224	205	7.6%	7.1%	
Scania <sup>3)</sup>	23	21	3,118	3,084	331	324	10.4%	10.4%	
MAN Commercial Vehicles	31	25	2,771	2,572	83	93	3.0%	2.3%	
MAN Power Engineering	-	-	766	783	21	26	2.7%	3.3%	
VW China <sup>4)</sup>	1,040	971	-	-	-	-	-		
Other 5)	-233	-223	-7,923	-6,628	-652	-319	-		
Volkswagen Financial Services	-	-	7,999	7,876	608	551	-		
Volkswagen Group before Special Items	-	-	-	-	4,211	4,367	7.2%	7.8%	
Special Items	-	-	-	-	-	-	-		
Volkswagen Group	2,769	2,610	58,228	56,197	4,211	4,367	-		
Automotive Division 6)	2,769	2,610	49,743	47,825	3,572	3,768	-		
of which: Passenger Cars	2,600	2,445	40,298	38,640	3,077	3,299	-		
of which: Commercial Vehicles	169	165	8,679	8,402	536	499	-		
of which: Power Engineering	-	-	766	783	-42	-30	-		
Financial Services Division	-	-	8,485	8,372	639	600	-		

<sup>1)</sup> All figures shown are rounded, minor discrepancies may arise from addition of these amounts. <sup>2)</sup> Porsche (Automotive and Financial Services): sales revenue €5,936 (5,489) million, operating profit €7f6 (967 million). <sup>3)</sup> Including financial services. <sup>4)</sup> The sales revenue and operating profits of the joint venture companies in China are not included in the figures for the Group. These Chinese companies are accounted for using the equity method and recorded a proportionate operating profit of €1,163 (1,112) million. <sup>3)</sup> In operating profit mainly intragroup items recognized in profit or loss, in particular from the elimination of intercompany profits; the figure includes depreciation and amortization of identifiable assets as part of purchase price allocation for Scania, Porsche Holding Salzburg, MAN and Porsche. <sup>6)</sup> Including allocation of consolidation adjustments between the Automotive and Financial Services divisions.



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# **Volkswagen Group – Funding Programs & Outstandings**

March 31, 2018 in € billion

Money and Capital Markets		Utilization
Commercial Papers		14.7
Medium Term Notes / Bonds		58.8
thereof: Hybrid Bonds		11.0
ABS		37.2
Borrowings	Frame	
Committed Lines	18.1	3.5
Uncommitted Lines	28.1	9.6
Supranationals, development banks, government, other	20.8	20.8
Direct Banking Deposits	./.	30.8
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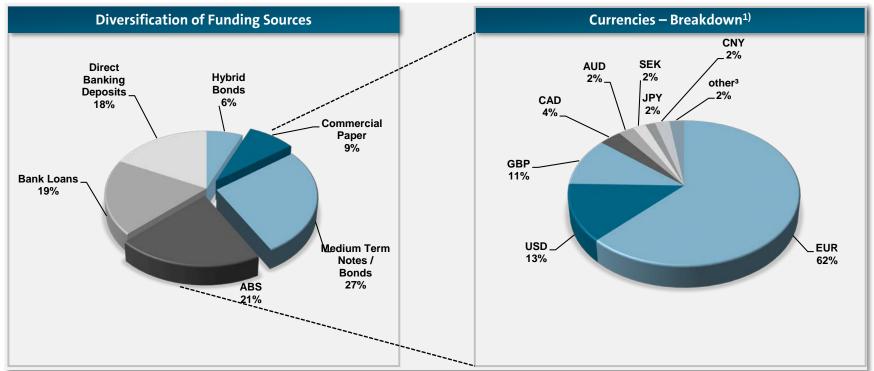
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# **Volkswagen Group Funding Strategy – Overview**<sup>1)</sup>



1) as of March 31, 2018

1) without Scania

<sup>2)</sup> BRL, CZK, HKD, INR, KRW, MXN, NOK, NZD, RUB, TRY



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# **Volkswagen Group Funding Strategy – Major Issuances in 2017 / 2018\***

March: EUR 8bn Volkswagen International Finance N.V.

April: GBP 850mn Volkswagen Financial Services N.V.

May: EUR 3.5bn Volkswagen International Finance N.V. - Hybrid Bond

June: EUR 3.5bn Volkswagen Leasing GmbH

September: EUR 2.25bn Volkswagen Leasing GmbH

December: EUR 2.0bn Volkswagen Bank GmbH

March: CAD 1.5bn Volkswagen Credit Canada, Inc.

April: EUR 2.25bn Volkswagen Financial Services AG

\*as of May 31, 2018



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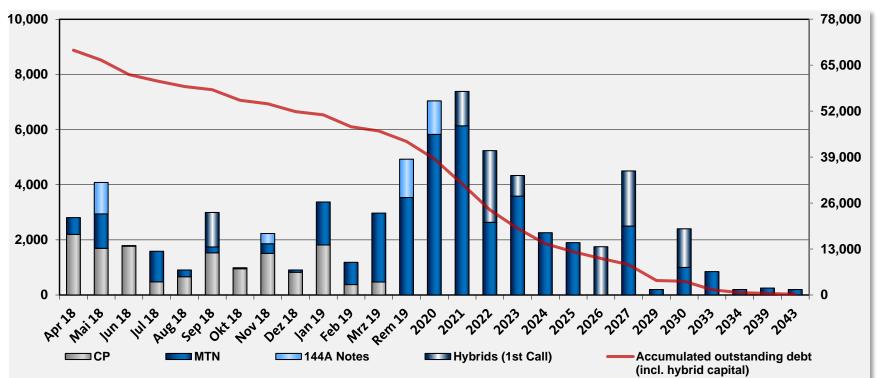
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# Volkswagen Group Funding Strategy – Maturity Profile (in € million) 1)



1) as of March 31, 2018, excluding Scania and Porsche FS

Source: Volkswagen Group 16



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# **Volkswagen Group – Key Credit Ratings**

S&P Global

Moody's

Current Ratings <sup>1)</sup>								
	Long Term	Short Term	Long Term	Short Term				
Volkswagen AG	BBB+	A-2	А3	P-2				
Volkswagen Financial Services AG	BBB+	A-2	А3	P-2				
Volkswagen Bank GmbH*	Α-	A-2	А3	P-1				
		itlook <sup>2)</sup> (*Negative)	Outle Sta					

<sup>1)</sup> as of May 16, 2018

<sup>&</sup>lt;sup>2)</sup> Outlook change from Negative to Stable: S&P November 6 2017 (excluding VW Bank GmbH); Moody's March 19 2018



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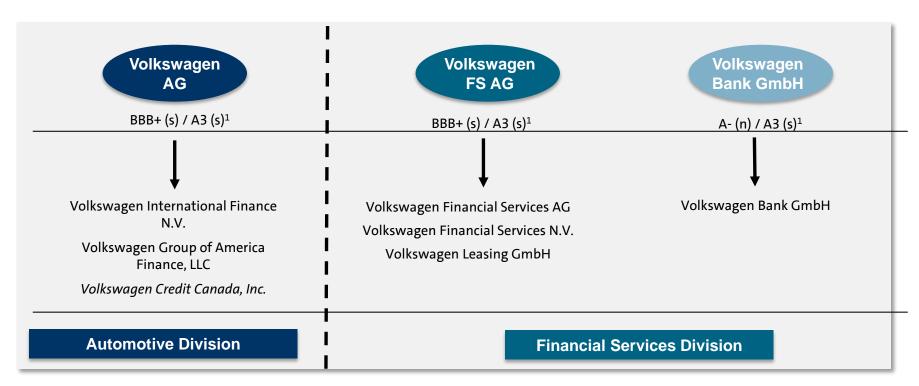
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# Volkswagen Group Funding Strategy – Main Guarantors and Issuers





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# **Volkswagen Group Funding Strategy –**

Major Commercial Paper Programs in Europe

Volkswagen AG

EUR 15.0 bn
Multi CCY CP-Programme

Volkswagen International Finance N.V.
Volkswagen Group of America Finance, LLC

EUR 5.0 bn Belgian Short-Term Treasury Notes Programme

Volkswagen International Belgium NV/SA

**Automotive Division** 

Volkswagen FS AG

EUR 5.0 bn

**Multi CCY CP-Programme** 

Volkswagen Financial Services AG Volkswagen Financial Services N.V.

Volkswagen Leasing GmbH

Volkswagen Bank GmbH

EUR 2.5 bn

Multi CCY CP-Programme

Volkswagen Bank GmbH

**Financial Services Division** 

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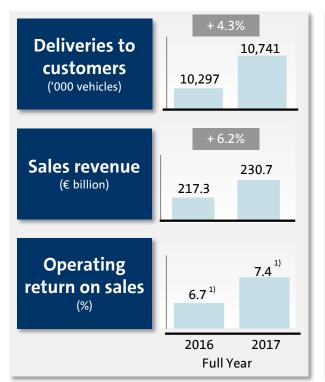
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# Volkswagen Group – Outlook for 2018





### **Deliveries to customers**

moderately above prior year



### Sales revenue

by as much as 5% year-on-year



# **Operating return on sales**

between 6.5% to 7.5%

<sup>1)</sup> before Special Items.

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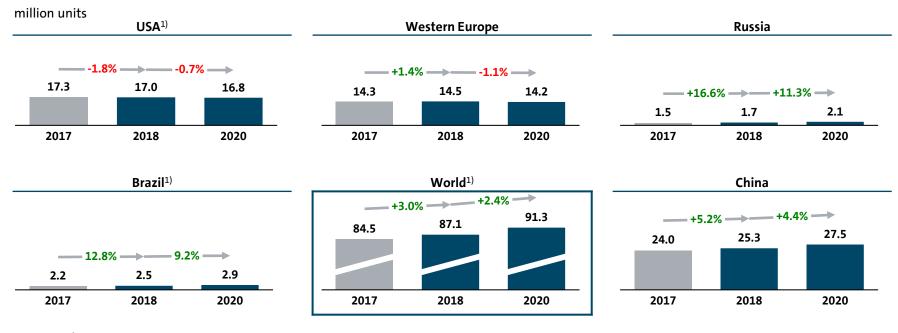
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# Global Passenger Car Market 2017/2020

Slowdown in Western Europe due to falling demand in UK; Stagnation in USA at a high level; Recovery in Brazil and Russia from a low level; China remains largest driver of passenger car demand



Forecast

Data source: IHS Automotive (05.2018)



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# Upcoming Premium and Luxury models enhancing our portfolio offer







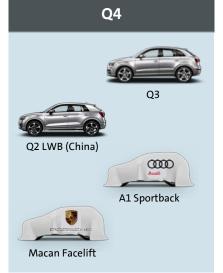












Source: Internal planning.

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# **Strong product momentum continues in Volume segments**

















Source: Internal planning.

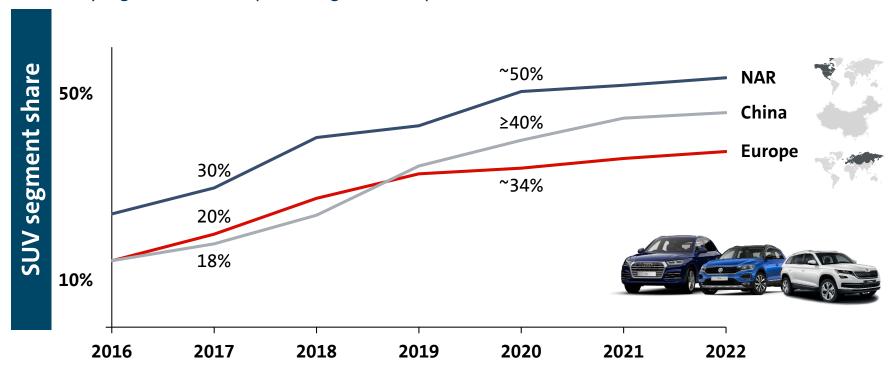
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# **Strong Increase in our SUV mix**

SUV mix by region based on expected regional Group sales



Source: Internal planning.

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# WLTP – Worldwide Harmonized Light Vehicles Test Procedure

### **SCOPE**

- In EU-28 States + 6 countries (Norway, Switzerland, Iceland, Turkey, Israel and Liechtenstein) 1)
- Legally binding registration requirements for all OEM's
- Effects communication to customers
- Effects taxation:
  - EU recommendation crossover from Jan 1st 2019

### **IMPACT**

- CO<sub>2</sub> / exhaust emissions and fuel consumption figures are calculated under more realistic conditions
- CO<sub>2</sub>-values vehicle-specific and therefore very precise
- Should close tolerances regarding different test condition





<sup>1)</sup> Different implementation of timelines between countries 2) NEDC: New European Driving Cycle



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# **Clear Financial Targets and Milestones**

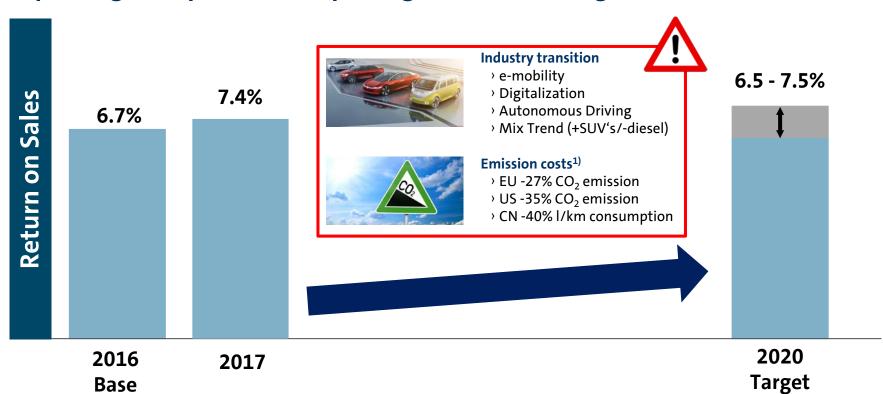
Key financial targets	2016 Actual	2017 Actual	2018 Outlook	2020 Targets	2025 Targets
Operating return on sales Before Special Items	6.7%	7.4%	6.5-7.5%	6.5-7.5%	7-8%
Return on investment Automotive Division before Special Items	13.9%	14.4%	12-14%	13-15%	> 15%
Capex ratio Automotive Division	6.9%	6.4%	6.5-7%	6%	6%
<b>R&amp;D cost ratio</b> Automotive Divison	7.3%	6.7%	6.5-7%	6%	6%
Cash a) Net Cashflow Automotive Division	€ 4.3 bn	€ -6.0 bn	≥ € 5 bn	≥ € 10 bn	> € 10 bn ~10% of Group
b) Net Liquidity	€ 27.2 bn	€ 22.4 bn	> € 20 bn	> € 20 bn	turnover

# VOLKSWAGEN



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# Improving Group results despite significant challenges<sup>1)</sup>



27 1) Calculation based on 2016 figures.



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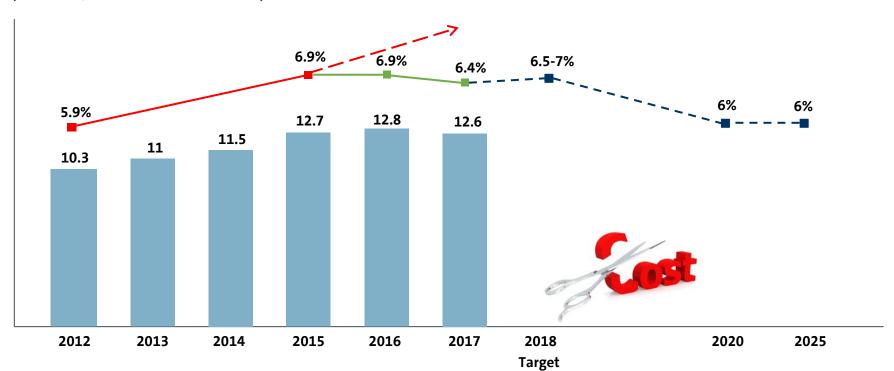
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## **CAPEX Automotive Division**

(€ billion, as % of sales revenue)





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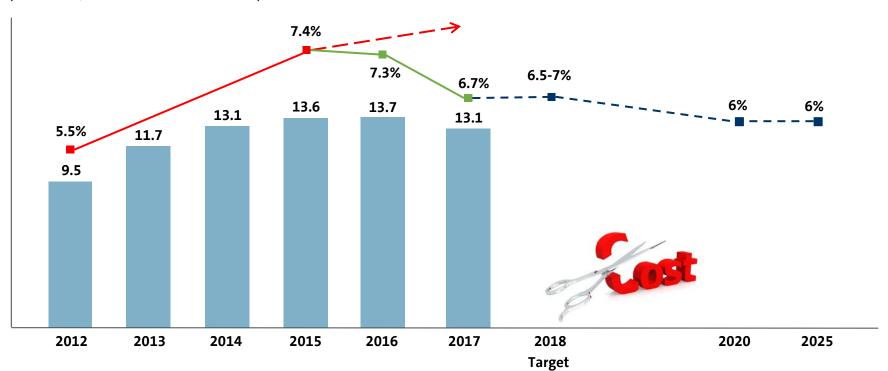
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# **R&D Costs Automotive Divison**

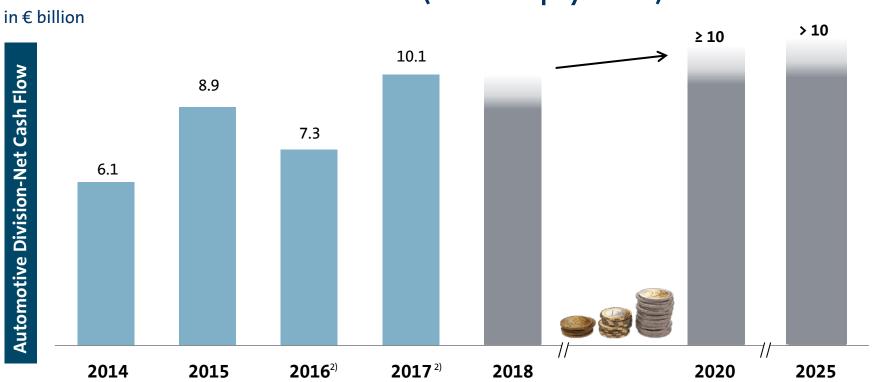
(€ billion, as % of sales revenue)







# Automotive Division-Net Cash Flow (ex Diesel payments)<sup>1)</sup>



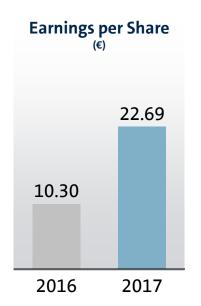
<sup>1)</sup> Incl. allocation of consolidation adjustments between Automotive and Financial Services divisions.

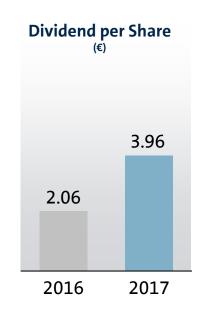
<sup>&</sup>lt;sup>2)</sup> Before around € 3 bn in 2016 and € 16.1 bn in 2017 Diesel related outflow.





# Volkswagen AG – Attractive Dividend for Preferred Shares; almost doubled1)







Target EPS 2020 over € 25 Within current planning round / next 5 years
30% Dividend pay-out ratio<sup>1)</sup>

<sup>1)</sup> Total dividend in percent of net income attributable to shareholders of Volkswagen AG.

<sup>&</sup>lt;sup>2)</sup> Business year 2017 adjusted for non-recurring effects related to the tax reform in the USA of € 1 bn.

### **VOLKSWAGEN**

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# STRATEGY 2025 – Initiatives at a glance





Develop winning vehicle and drivetrain portfolio



Streamline modular architectures



Partner with regional players to win in economy segment



Develop self-driving system for autonomous vehicles and artificial intelligence in-house

DEVELOP STRATEGIC CAPABILITIES



Develop battery technology as new core competency



Develop best-in-class user experience across brands and customer touchpoints

ENHANCE ENTREPRE-NEURIAL SPIRIT



Implement model line organization



Realign "Components" business



Transform core business



Build mobility solutions business



Develop and expand attractive and profitable smart mobility offering



Build mobility solutions business



Improve operational excellence



Optimize business portfolio



Secure funding



Drive digital transformation



Create organization 4.0



Strengthen innovation power



Better integrated and strategic planning process



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# Goals of the Revised Management Structure - April 2018

With the realignment, Volkswagen Group presses its transformation ahead.

### Leadership

Secure the Group's leadership over the longterm in a phase of dynamic changes

### **Capabilities**

Make optimum use of the capabilities and economies of scale available in the Group

### **Group Management**

Create a simple, lean and effective Group management structure

### **Synergies**

Harness further synergies within the Group

### Responsibilities

Maximize subsidiarity and establish clear-cut responsibilities

### **Profitability**

Further increase profitability and competitiveness of future investments

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# Creation of Brand Groups will reduce the complexity of the Group structure

Vol	ume	Prem	nium	Super P	remium	Truck	c & Bus	Procurement/ Components	Financial Services	China
vw	Volkswagen	Audi	Audi	Porsche	PORSCHE	MAN	MAN	Procurement	VOLKSWAGEN FINANCIAL SERVICES THE KEY TO MOBILITY	Region China
Škoda	ŠKODA	Lamborgh	hini* 🕡	Bentley	BENTLEY	Scania	SCANIA	Components**		
SEAT	SEAT	Ducati*	DUCATI	Bugatti	BUGATTI	Power Enginee				
VW LCV	Commercial Vehicles									
MOIA	WOIV									

<sup>\*</sup> Allocation will be verified

<sup>\*\*</sup> Temporarily responsibility of Group CEO, will be a combined Board of Management function



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# Focus on strategy: Resolutely making progress toward sustainable mobility



Up to the end of <u>2022</u>: We will be putting more than €34 bn into <u>e-mobility</u>, <u>digitalization</u>, <u>autonomous driving and mobility services</u> – thereof in 2018: €6.6 bn; Volkswagen Group and its <u>joint-venture partners in China</u> will be making around €15 bn available for e-mobility, autonomous driving, digitalization and new mobility services.

Also putting more than €90 billion into the conventional vehicle and drive portfolio – thereof in 2018: €19.8 bn

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# Efficient combustion engines and alternative powertrains play a major role for the future of sustainable mobility

 Significant improvements in consumption and emissions of gasoline engines

 All new gasoline engines will be equipped with a particulate filter



- The latest Euro 6 diesel engines deliver above-average performance in the new WLTP<sup>1)</sup> cycle
- Significantly expanding the range of CNG<sup>2)</sup> vehicles

 Working on synthetic fuels produced from renewable sources

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# **Responsibilities for Electric Toolkit Architecture**

PPE
Premium
Platform
Electric







- Common modules and scale effects save up to 30% development costs (compared to brand excl. developments)
- Flexibility: Architecture open for other brands to be used in the future

MEB Modular Electrification Kit





- Economies of scale from use of MEB across entire Group
- Higher productivity and shorter manufacturing time
- Lower material and distribution costs

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# Audi e-tron and Porsche Mission E will change the premium electric game











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# The Volkswagen Brand's I.D. family sets the new BEV benchmark in the volume segment



Market launch early 2020 and onwards.

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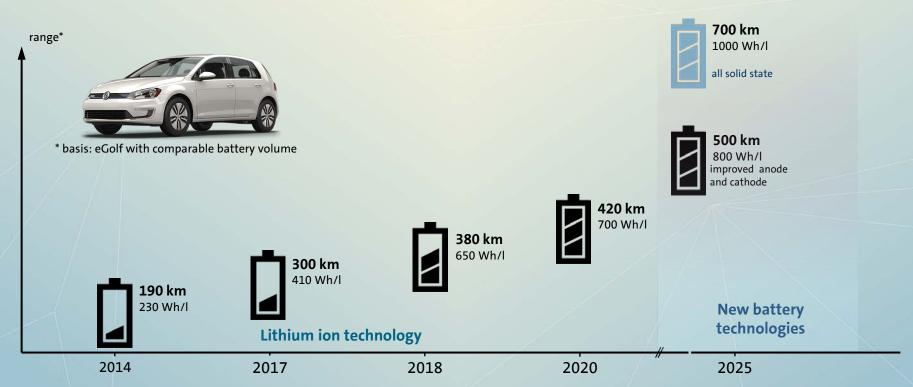
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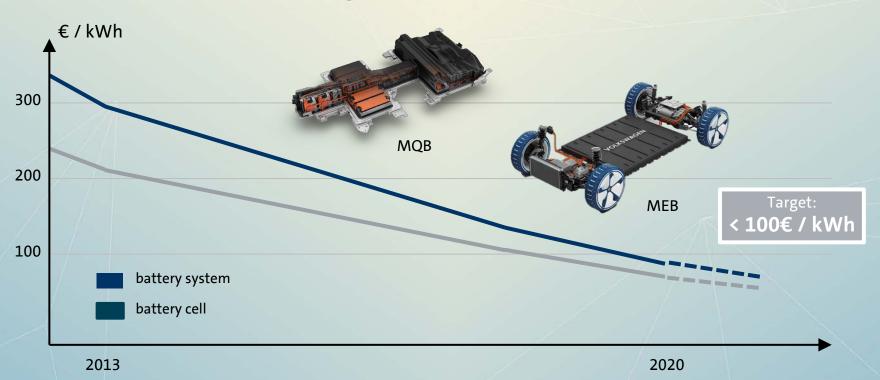
# Advances in battery technology will improve range, weight and costs





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# Battery costs will decrease significantly by 2020



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# Roadmap E - E-mobility model offensive of the Volkswagen Group



- 50 BEVs + 30 PHEVs
- 2-3m expected units or 20–25% Group sales intended to be purely batterypowered



- Own e-fleet requirements over 150 GWh of battery capacity
- MEB: € 50 bn battery cell procurement volume up to 2025, of which € 40 bn has already been awarded to suppliers

2025

2030



At least one electrified version for each of the Group's 300 or so models

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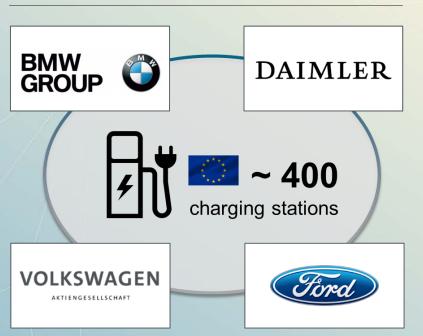
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# Launch of Pan-European High-Power Charging Network IONITY<sup>1)</sup>

## IONITY



- Joint Venture of automotive manufacturers enables electric mobility on long-distance journeys
- Building of a High-Power-Charging (HPC) Network for electric vehicles starts operation
- 20 stations in multiple European countries started in 2017
- IONITY will implement and operate about 400 fast charging stations across European major thoroughfares until 2020
- A charging capacity of up to 350 kW enables to reduce charging time significantly when compared to existing systems
- Multi-brand compatibility with current and future generations of electric vehicles through Combined Charging System (CCS)

<sup>1)</sup> The founding partners, BMW Group, Daimler AG, Ford Motor Company and the Volkswagen Group, have equal shares in the joint venture, while other automotive manufacturers are invited to help expand the network.



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## **Electrify America - Powering electric mobility**

Investment of \$2 billion over the next 10 years in Zero Emission Vehicle (ZEV) infrastructure and education programs in the U.S.

1st cycle: We will establish a network of ~4.700+ non-proprietary electric vehicle chargers in 17 metros and on highways in 39 states

Open network for all (even group external) OEMs and business partners



Station chargers will be extremely powerful, capable of delivering 150 kW or 350 kW to vehicles

Highway sites every 70 miles on average, but no more than 120 miles apart, so shorter range ZEVs available today will be able to use this network

> **Public access** for all ZEV drivers will be ensured through multiple technologies (Level 2 and DC fast charging: CCS Combo and Chademo connectors)



Source: Electrify America



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Connected to backend

**Customized** interior

with high comfort/ connectivity

# Successful launch of MOIA Shuttle at end of 2017, customers show a high demand for this alternative form of mobility



**Prepared for** Shadow/ security driver mode



MOIA branded



Unique recognizable design





<6 m



< 3,5 t



App-based ride pooling service 6 passenger seats with high privacy



Electric door concept



**BEV** with > 300 km real range

- Test phase in Hanover with **2,000 users** under way
- Project start in Hamburg at end-2018: fleet will be expanded to 200 vehicles in the first phase
- Further cities planned

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## Intensified efforts to develop autonomous vehicles

Autonomous Audi TTS "Shelley" climbs Pikes Peak



SEDRIC is Volkswagen
Group's first Level 5 vehicle



Strategic partnership with Aurora

**Urban Shuttle/Carrier/Pod** 





2017

2021+





2010

"Stanley" Winner Darpa





Volkswagen Group
>200 AV related patents

Foundation AID GmbH



2018

MOIA Battery Electric Special Purpose Shuttle



Personal Autonomous Vehicles



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# **Driving forward Strategy 2025: Implementation is accelerating**

**ROADMAP E** launched



Center of Excellence for battery technology established



Joint venture for rapid charging network in place



**SEDRIC** developed and presented



Joint venture with JAC created for e-mobility



Roadmap*E</del>* 



STRATEGY 2025

**MOIA** pilot started and shuttle presented





New technology partnerships agreed





Realignment of Group Components approved



**Positioning of Group brands** sharpened



**Board Digitalization Committee** established



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# Why our Value Proposition is one of the best in the Industry?

- 1. Unique and Compelling Brands and Products and Scale Potential
- 2. Convincing holistic **Strategy**
- 3. Conclusive **E-Strategy**
- 4. Optimal **Toolkit Infrastructure** for conventional and alternative power trains
- 5. We intend to deliver **Self-driving** at the touch of a button and become **Software** leaders
- 6. Upside Potential in **Core and Developing Markets**
- 7. Lead Position in China
- 8. Truck & Bus Global Champion Potential
- 9. **Culture** of willingness to change: agile, innovative and integral backed by committed management and employees
- 10. Priority to work on protecting our **Environment** for future generations

Overarching vision is to become a

World-leading Provider of Sustainable Mobility























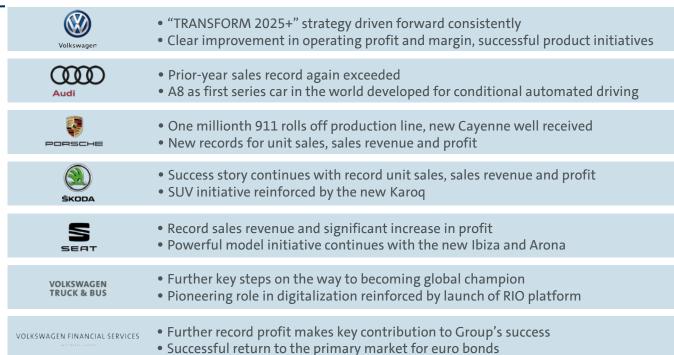
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# Successful operating business: Strong contribution by all Group brands in 2017 - "We're back on the offensive."



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# **Overview Brand Targets (RoS, RoE)**

Return on Sales in %	2016	Target 2017	2017	<u>Target 2018</u>	2020	2025
Volkswagen Group	6.7	6-7 moderately exceed	7.4	6.5-7.5	6.5-7.5	7.0-8.0
Volkswagen Brand	1.8	3-5 moderately exceed	4.1	4-5	4-5	≥6
Audi	8.2	8-10	8.4	8-10	8-10	8-10
Porsche Automotive	17.4	>15	18.5	>15	>15	>15
ŠKODA	8.7	7-8	9.7	8-9	6-7	≥7
Volkswagen Commercial Vehicles	4.1	3-4	7.2	5-6	4-5	>6
Truck & Bus Business <sup>1)</sup>						
• Scania	9.5	6.7	<i>c</i> 0	6.7	9 <sup>2)</sup>	9 <sup>2)</sup>
<ul> <li>MAN Commercial Vehicles</li> </ul>	2.3	6-7	6.9	6-7	9-,	9-
Return on Equity (norm. 8%)	<u>2016</u>	<b>Target 2017</b>	<u>2017</u>	<u>Target 2018</u>	2020	<u>2025</u>
Volkswagen Financial Services	15.6%	14-16%	15.8%	14-16%	14-16%	20%

<sup>1)</sup> For peer-group analysis: Truck & Bus Business RoS is calculated as the sum of Scania and MAN Commercial Vehicles. 2) Through-cycle Target.





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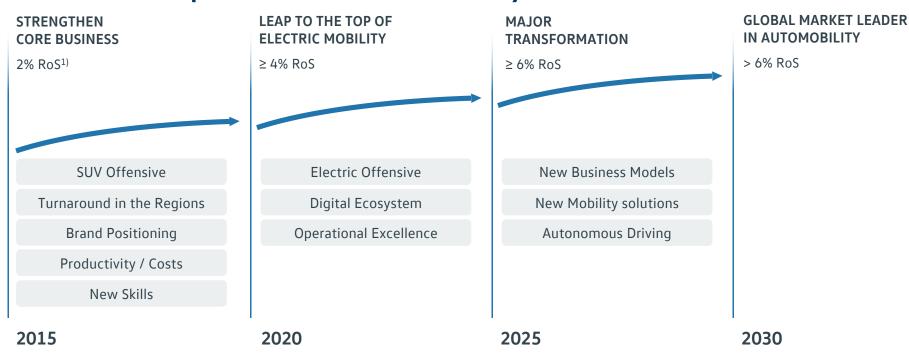
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# Starting point "TRANSFORM 2025+" STRATEGY will put the Volkswagen Brand to the top of the automotive industry



1) Before special items.





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# **Volkswagen Brand Clear Financial Targets and updated Milestones**

	Forecast 2018	Target 2020	Target 2025
Sales revenue	up to +10 %	-	-
Operating return on sales	4–5 %	4–5 %	≥ 6 %
Capex ratio	4–5 %	4–5 %	4–5 %
R&D ratio	~4 %	4 %	4 %
Free cash flow	Positive operating cash flow <sup>1)</sup>	> € 1 bn	>> € 1 bn

<sup>1)</sup> Before special items.





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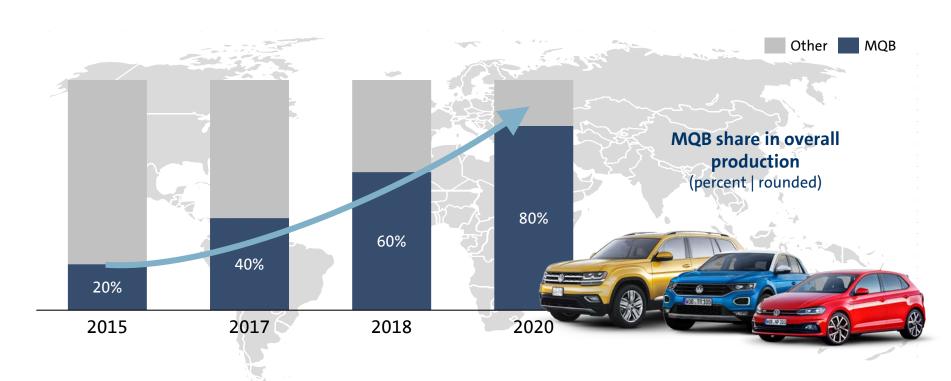
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# Further roll-out of MQB offers substantial benefits for Volkswagen Brand





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# Increase in competitiveness and safeguarding the future are the focus points of the Future Pact agreement

# Working Group 1 Production

- Increase of productivity by 25%
- Reduction of plant costs

# Working Group 2 Components

- Increase of productivity by 25%
- Discontinuation of unprofitable products

# Working Group 3 Technical Development

- Reduction of hardware-oriented development work
- Increased efficiency in development processes

# Working Group 4 Administration

• Reduction of bureaucracy

#### **Secure the Future**

- 4 additional models:
   2 conventional and 2 MFB vehicles
- Investments in:
  - Electric drive trains
  - Pilot facility battery cell
  - Battery system
- Competency/capacity increase in autonomous driving, electrification, connectivity etc.
- Creation of employment in new business segments

Reduction in workforce based on demographic curve<sup>1)</sup>

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# Core challenges in the commercial vehicle industry

# Cyclical markets



Strong correlation to GDP in developed world Not all regions hit by economic downturns at the same time

# Further globalization



The megatrend of globalization has a direct influence on future developments in freight transportation and the commercial vehicle industry

# **Emission** regulations



Europe with aggressive regulations, focus shifting to e-mobility and alternative fuels

Emerging Markets also have ambitious roadmap

# Connectivity & digitalization



Platooning and partly-autonomous driving as transition solutions

Data management for customers and traffic of broad interest (e.g. RIO for digital solutions)

After sales and future business models



After sales increasingly important as alternative source of revenues Future business models (e.g. connectivity, clean driving) to actively shape the future of transportation

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# **Shaping the future of the Commercial Vehicles business**









#### **Global Champion strategy**

- Goal is becoming the Global Champion of the Commercial Vehicles sector: Leader in profitability, global presence and innovation.
- Further enhancement of brands' performance with individual identities, strengths and profiles.
- Increase cooperation and leverage synergies between brands.
- Further global expansion to leverage scale and be ahead of competition (e.g. Navistar in the USA, Sinotruk in China, Hino Motors in Japan and Asia).
- Also develop solutions for Commercial Vehicles in such areas as autonomous driving, electrification and connectivity.
- RIO covers logistics solutions for all transportations sectors.

#### **Project "Next Level"**

- Further increase the company's matureness, efficiency and innovativeness.
- Achievement of capital market readiness: meet technical and structural requirements of the capital market; complex scope.
  - Change of legal structure of Volkswagen Truck & Bus GmbH to a German stock corporation (AG) and in a second step into a Societas Europaea (SE).
  - Focus on Commercial Vehicles.<sup>1)</sup>
  - IPO is just one of several options.
  - Dependent on capital market conditions & Volkswagen Group strategy.
  - Minority interests legal case outstanding.

<sup>1)</sup> Allocation will be verified as part of creation of new Volkswagen Group structure.



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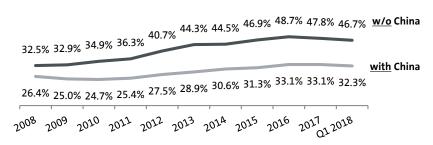
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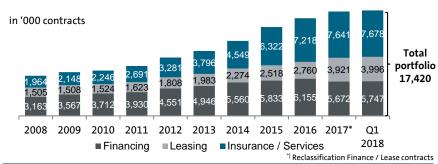
## Volkswagen Financial Services<sup>1)</sup>: global, well diversified and successful

# Strong global presence

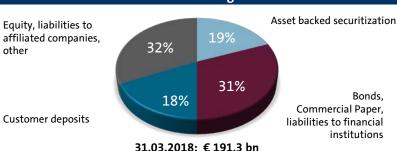
#### **Rising penetration rates**



#### Continuous portfolio expansion



#### Diversified funding structure



<sup>1)</sup> Excl. activities of Scania and Porsche Holding Salzburg; incl. Financial Services of Porsche AG and MAN Financial Services.





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# Volkswagen Brand – Turnaround in the US with new products from 2017

onwards

Deliveries to US customers, '000' units



SUV offensive #1



**New Sedans** 

SUV offensive #2







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# A product offensive is initiating a new growth phase in South America

#### **Product offensive in South America**



Polo G Virtus



**Small SUV Global** 

#### **Key measures**

- Restructuring: reduce capacities and fixed costs
- Increase productivity, align products to local requirements
- Product offensive, €2.5bn investment
- New brand positioning
- New growth strategy for Latin America





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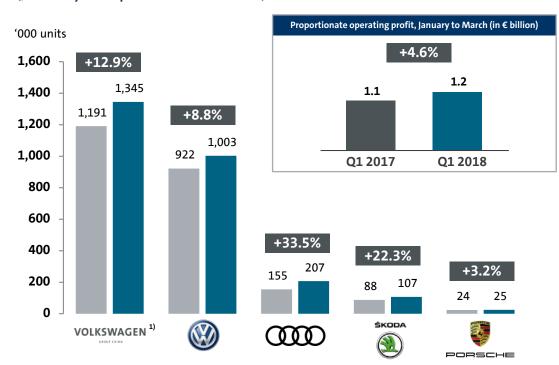
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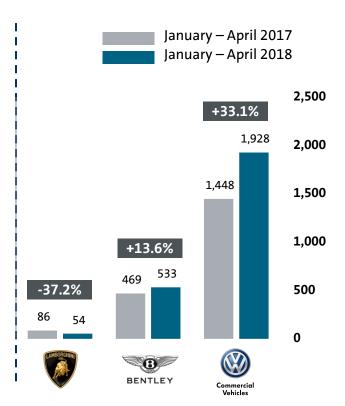
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## **Volkswagen Group China performance**

(January to April 2018 vs. 2017)





<sup>1)</sup> Incl. Hong Kong, excl. Ducati. Group numbers incl. Volkswagen Commercial Vehicles, Scania and MAN.





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# Regulatory environment for NEV and Fuel Consumption Credits in China

#### CAFC<sup>1)</sup> and NEV Credit System

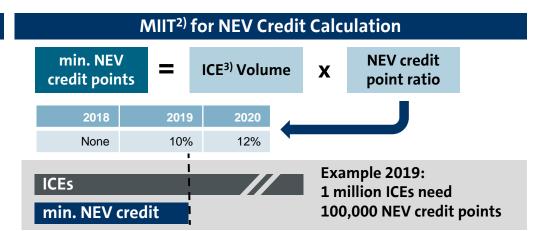
- Independent calculation of CAFC<sup>1)</sup> and NEV credits
- Companies need to fulfill both requirements

#### CAFC<sup>1)</sup> Credits:

- Transfer between affiliated companies only
- Credit carry-over to next 3 years with depreciation
- Negative results can be offset by NEV credits (own or free trading in market)

#### **NEV Credits:**

- No transfer from CAFC<sup>1)</sup> credits to NEV credits
- No Carry-over except for year 2016 and 2019
- Free Trading of NEV credits allowed



#### **NEV Credit Point Attribution per NEV Type**

BEV<sup>4)</sup>: Basic credit = 0.012 x Range + 0.8 (max. 5 basic credits)
BEV additional factor for low electric consumption up to 1.2

PHEV<sup>5</sup>): Basic credit = 2 (min. e-Range 50km)

PHEV credit = 1 if e-range 50-80km and consumption under B-Test ≥70% ICE; or e-range ≥ 80km but high electric consumption





Our Markets

# Volkswagen Group China will be prepared to deliver around 1.5 million zero emission cars to Chinese customers by 2025

#### Introduction of locally produced NEV

#### Phase 1

Plug-in hybrids based on current toolkits









#### Phase 2

Pure electric vehicles based on current toolkits









## Mass market BEV cooperation







#### Phase 3 (start 2020/21)

Pure electric vehicles based on scalable electric toolkit









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### New product offering with an expanded SUV line-up 1)

#### China deliveries by bodystyle (in '000 units) **SUV offensive of Volkswagen Group China Volkswagen Group** 4 Volkswagen brand SUVs in 4,184 2018 3 of which are new models 3,982 ≥40% Others Touareg T-Roc LWB 18% 14% +32% SUV 6 additional Audi SUVs in the MPV next 2-3 years Hatchback Sedan O<sub>2</sub>L 3 new ŠKODA SUVs in 2018 ŠKODA Karoq Kamiq 2016 2017 **Target 2020**

<sup>1)</sup> Source: IHS. 2) Schematic overview – does not show all models.



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# **Special Items: Diesel related and other**

(€ bn)	Diesel		Other		Total
	Legal	7.0	Restructuring:		
	Other items	9.2	Truck Business	0.2	
2015			Passenger Cars South America	0.2	
			Airbags Takata	0.3	
		16.2		0.7	16.9
			Scania Anti-Trust Proceedings	0.4	
2016	Mainly legal risks	6.4	Others	0.7	
				1.1	7.5
	Buyback/retrofit program	2.2			
2017	Legal	1.0			
		3.2			3.2
Total to date		25.8		1.8	27.6

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# Resolving the diesel crisis: Substantial progress in all markets











#### Worldwide recall/service campaigns driven forward:

Software Flashes in Germany currently 94% complete; Substantial progress also in Europe (76%) and worldwide (69%)

# Group environmental incentive makes significant contribution to improving air quality in German cities:

More than 200,000 customers already decided to switch to environmentally friendly vehicles

#### Major progress in modifications in North America:

On target for modifications/buybacks for 2.0 liter TDI engines; field fix started for 3.0 liter TDI engines

#### **Electrify America underway:**

Investment plan for zero emissions vehicles (ZEV) approved by authorities

#### Timeframe of legal proceedings expected to be long!

Status: 3rd May 2018

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# With "Together4Integrity" we have launched a Group-wide integrity and compliance program

#### Strategy

#### Principle 1

Integrity and compliance is central to business strategy

#### **Risk Management**

#### **Principle 2**

Integrity and compliance risks are identified, owned, managed and mitigated

#### **Speak-up Environment**

#### **Principle 4**

The organization encourages, protects and values the reporting of concerns and suspected wrong-doing



#### **Culture of Integrity**

#### **Principle 3**

Leaders at all levels across the organization build and sustain a culture of integrity

#### **Resolute Accountability**

#### Principle 5

The organization takes action and holds itself accountable when wrongdoing occurs

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# New corporate culture: Change is happening

#### Sustainable strengthening of compliance systems taking effect

- Substantial progress in improving processes, structures and policies
- Zero tolerance of violations of values

Focus on values, integrity and Code of Collaboration becoming firmly rooted in corporate culture

- Volkswagen Convention: Training for 7,600 managers and works council members on integrity, culture and compliance
- Group-wide management development with new requirement profiles launched
- Role model program helps to implement change by example



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# Upcoming tasks to master challenges and make use of opportunities



#### Continue to resolve the diesel crisis

- Conclude worldwide recall campaigns and service actions
- Manage legal proceedings worldwide



#### **Improving the Core Business**

- Profitability in NAR / SAM / Russia
- Implementation Future Pact Brand Volkswagen
- Cash Generation and Capex/R&D discipline



#### **Transformation towards more E-Mobility**

- CO<sub>2</sub> Compliance / WLTP implementation
- Profitability of Electric Vehicles
- Governance / Compliance / Culture



#### **Strengthen Innovation Power**

- Digitalization & Connectivity
- Profitable Mobility Services

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#### **Investor Relations Team**

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# Shaping the transformation together.

**Appendix** 



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# **Volkswagen Group – Key Credit Ratings**

S&P Global

Moody's

Current Ratings <sup>1)</sup>					
	Long Term	Short Term	Long Term	Short Term	
Volkswagen AG	BBB+	A-2	А3	P-2	
Volkswagen Financial Services AG	BBB+	A-2	А3	P-2	
Volkswagen Bank GmbH*	A-	A-2	АЗ	P-1	
	Outlook <sup>2)</sup> Stable (*Negative)			Outlook <sup>2)</sup> Stable	

<sup>1)</sup> as of May 16, 2018

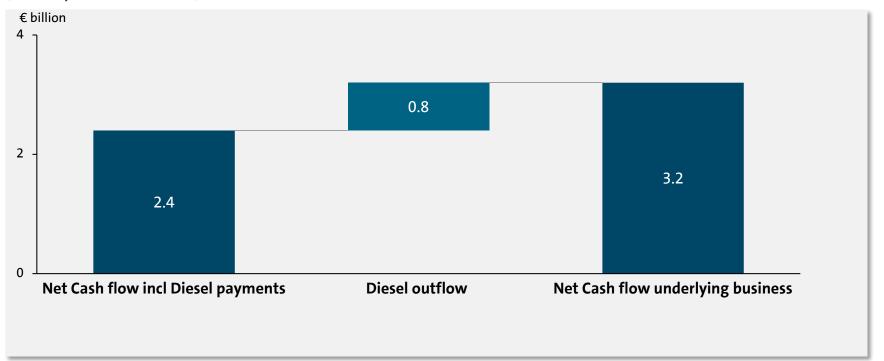
<sup>&</sup>lt;sup>2)</sup> Outlook change from Negative to Stable: S&P November 6 2017 (excluding VW Bank GmbH); Moody's March 19 2018



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# 'Best ever' Automotive Division Net Cash Flow (ex Diesel payments)<sup>1)</sup>

(January to March 2018)



<sup>1)</sup> Including allocation of consolidation adjustments between Automotive and Financial Services divisions.



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# **Volkswagen Group – Key Financial Figures**<sup>1)</sup>

(January to December 2017 vs. 2016)

Thousand vehicles / € million	2017	2016	+/- (%)
Vehicle Sales <sup>2)</sup>	10,777	10,391	+3.7
Sales revenue	230,682	217,267	+6.2
Operating profit before Special Items	17,041	14,623	+16.5
% of sales revenue	7.4	6.7	
Operating profit	13,818	7,103	+94.5
% of sales revenue	6.0	3.3	
Financial result <sup>2)</sup>	94	189	X
Profit before tax	13,913	7,292	+90.8
% Return on sales before tax	6.0	3.4	
Profit after tax	11,638	5,379	X

<sup>1)</sup> All figures shown are rounded, so minor discrepancies may arise from addition of these amounts. Incl. allocation of consolidation adjustments between the Automotive and Financial Services divisions.

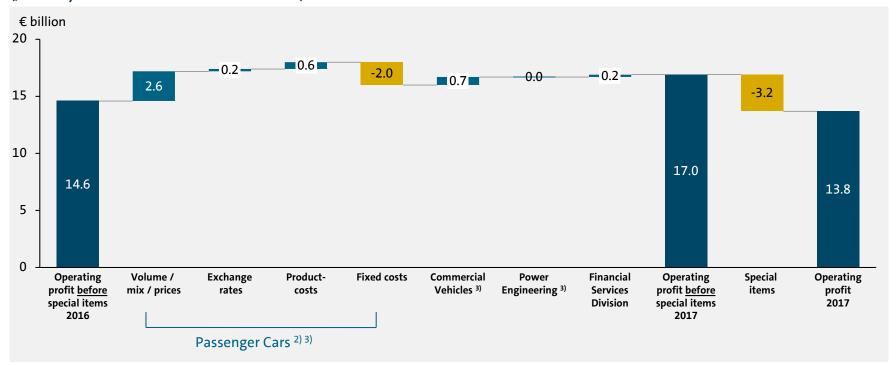
<sup>2)</sup> Volume data incl. the unconsolidated Chinese joint ventures. The joint venture companies in China are accounted for using the equity method and recorded an operating profit (proportionate) of €4.7 billion (€5.0 billion).



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# **Volkswagen Group – Analysis of Operating Profit**<sup>1)</sup>

(January to December 2017 vs. 2016)



<sup>1)</sup> All figures shown are rounded, minor discrepancies may arise from addition of these amounts. 2) without FS. 3) incl.PPA.

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# **Volkswagen Group – Analysis by Business Line**<sup>1)</sup>

(January to December 2017 vs. 2016)

(juridary to December 2017 vs. 2010)	Vehicle sales		Sales re	Sales revenue		Operating profit		Margin	
Thousand vehicles / € million	2017	2016	2017	2016	2017	2016	2017	2016	
Volkswagen Passenger Cars <sup>2)</sup>	3,573	4,347	79,979	105,651	3,301	1,869	4.1%	1.8%	
Audi	1,530	1,534	60,128	59,317	5,058	4,846	8.4%	8.2%	
ŠKODA	937	814	16,559	13,705	1,611	1,197	9.7%	8.7%	
SEAT	595	548	9,892	8,894	191	153	1.9%	1.7%	
Bentley	11	11	1,843	2,031	55	112	3.0%	5.5%	
Porsche Automotive <sup>3)</sup>	248	239	21,674	20,710	4,003	3,733	18.5%	18.0%	
Volkswagen Commercial Vehicles	498	478	11,909	11,120	853	455	7.2%	4.1%	
Scania <sup>4)</sup>	92	83	12,789	11,303	1,289	1,072	10.1%	9.5%	
MAN Commercial Vehicles	114	102	11,087	10,005	362	230	3.3%	2.3%	
MAN Power Engineering	-	-	3,283	3,593	193	194	5.9%	5.4%	
VW China <sup>5)</sup>	4,020	3,873	-	-	-	-	-		
Other <sup>6)</sup>	-840	-1,638	-30,288	-56,617	-2,335	-1,343	-		
Volkswagen Financial Services <sup>7)</sup>	-	-	31,826	27,554	2,460	2,105	-		
Volkswagen Group before Special Items	-	-	-	-	17,041	14,623	7.4%	6.7%	
Special Items	-	-	-	-	-3,222	-7,520	-		
Volkswagen Group	10,777	10,391	230,682	217,267	13,818	7,103	-		
Automotive Division <sup>8)</sup>	10,777	10,391	196,949	186,016	11,146	4,668	-		
of which: Passenger Cars	10,077	9,729	158,466	150,343	9,309	4,167	-		
of which: Commercial Vehicles	700	662	35,200	32,080	1,892	718	-		
of which: Power Engineering	-	-	3,283	3,593	-55	-217	-		
Financial Services Division	-	-	33,733	31,251	2,673	2,435	-		

<sup>1)</sup> All figures shown are rounded, minor discrepancies may arise from addition of these amounts. 2) 2017 figures take account of the reclassification of companies; prior-year figures were not adjusted. 3) Porsche (Automotive and Financial Services): sales revenue €23,491 (22,318) million, operating profit €4,144 (3,877 million). 4) Incl. financial services. 5) The sales revenue and operating profits of the joint venture companies in China are not included in the figures for the Group. These Chinese companies are accounted for using the equity method and recorded a proportionate operating profit of €4,746 (4,956) million. 6) Prior year adjusted. In operating profit mainly intragroup items recognized in profit or loss, in particular from the elimination of intercompany profits; the figure includes depreciation and amortization of identifiable assets as part of purchase price allocation for Scania, Porsche Holding Salzburg, MAN and Porsche. 7) Starting January 1, 2017, Porsche's financial services business is reported as part of Volkswagen Financial Services. Prior-year figures were not adjusted. 8) Incl. allocation of consolidation adjustments between the Automotive and Financial Services divisions.

Deliveries

Kev Financials & Cash

Outlook & Operative

Strategy

Our Branc

Our Mark

Die

Integrity & Compliance

mmitment

## What's new with WLTP?



more realistic driving behaviour



higher average and maximum speeds



stricter car set-up and measurement conditions



a greater range of driving situations (urban, suburban, main road, motorway)



higher average and maximum drive power



optional equipment: CO<sub>2</sub> values and fuel consumption have to be provided for individual vehicles as built



longer test distances



shorter stops



instead of average values, WLTP can give best and worstcase figures – better representing highly diverging driving styles



more dynamic and representative accelerations and decelerations



more realistic ambient temperatures, closer to the European average





Deliverie

Key Financials & Cash

Outlook & Operativ

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Our Brand

Our Marke

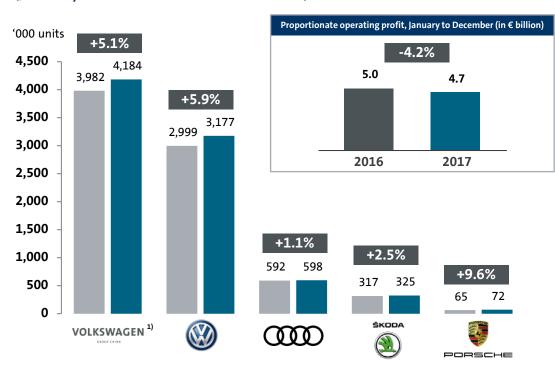
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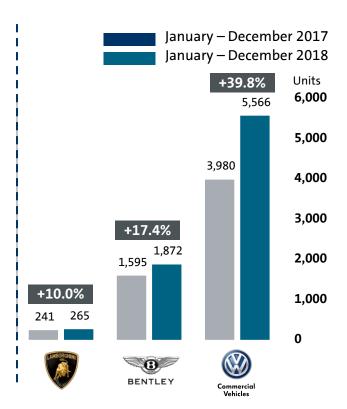
ntegrity & Complian

Commitmen

## **Volkswagen Group China performance**

(January to December 2017 vs. 2016)





<sup>1)</sup> Incl. Hong Kong, excl. Ducati. Group numbers incl. Volkswagen Commercial Vehicles, Scania and MAN.



Deliverie

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Outlook & Operative Excellence

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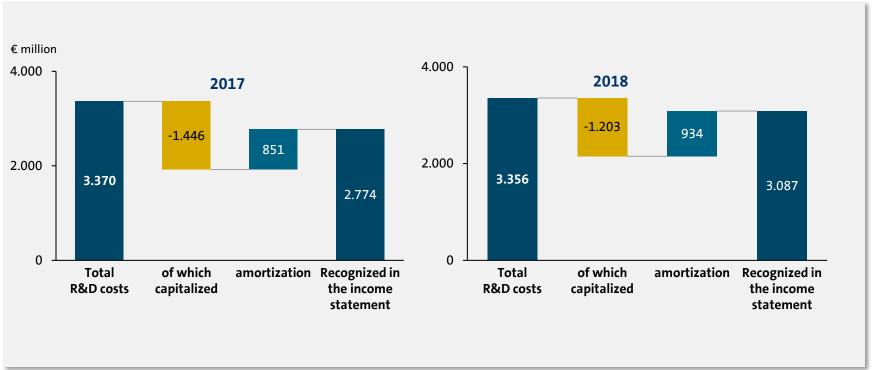
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## **Automotive Division – Research and Development Costs**

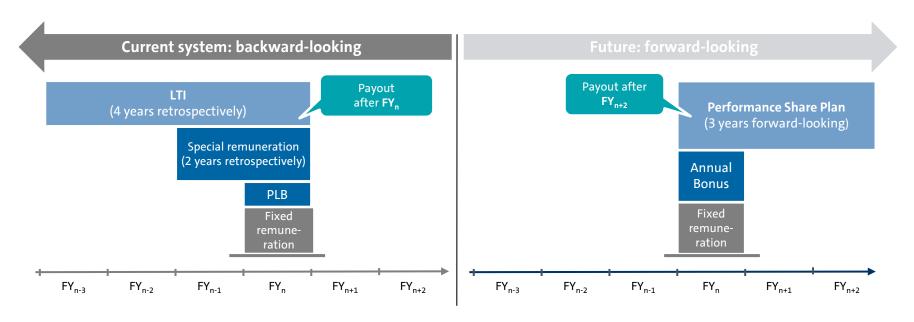
(January to March 2018 vs. 2017)







# The new remuneration system is designed to be completely forward-looking



Adjusted recommendation of no. 4.2.3 sec. 2 German Corporate Governance Code

<sup>&</sup>quot;Variable remuneration components shall generally be based on a multi-year assessment, which shall be materially related to the future."



Volkswagen AG

Ulrich Hauswaldt – Group Investor Relations Martin Büdke – Capital Markets & Rating

Volkswagen Financial Services AG

Bernd Bode – Head of Group Treasury and Investor Relations Katja Hauer – Investor Relations

THE KEY TO MOBILITY



# **Creating Value with Financial Services Bernd Bode**

Volkswagen Financial Services

UniCredit Automotive Credit Conference, London, 06 - 07 June 2018

THE KEY TO MOBILITY

### **Disclaimer**

The following presentations contain forward-looking statements and information on the business development of the Volkswagen Group. These statements may be spoken or written and can be recognized by terms such as "expects", "anticipates", "intends", "plans", "believes", "seeks", "estimates", "will" or words with similar meaning. These statements are based on assumptions relating to the development of the economies of individual countries, and in particular of the automotive industry, which we have made on the basis of the information available to us and which we consider to be realistic at the time of going to press. The estimates given involve a degree of risk, and the actual developments may differ from those forecast. The Volkswagen Group currently faces additional risks and uncertainty related to pending claims and investigations of Volkswagen Group members in a number of jurisdictions in connection with findings of irregularities relating to exhaust emissions from diesel engines in certain Volkswagen Group vehicles. The degree to which the Volkswagen Group may be negatively affected by these ongoing claims and investigations remains uncertain.

Consequently, a negative impact relating to ongoing claims or investigations, any unexpected fall in demand or economic stagnation in our key sales markets, such as in Western Europe (and especially Germany) or in the USA, Brazil or China, will have a corresponding impact on the development of our business. The same applies in the event of a significant shift in current exchange rates relative to the US dollar, sterling, yen, Brazilian real, Chinese renminbi and Czech koruna.

If any of these or other risks occur, or if the assumptions underlying any of these statements prove incorrect, the actual results may significantly differ from those expressed or implied by such statements.

We do not update forward-looking statements retrospectively. Such statements are valid on the date of publication and can be superseded.

This information does not constitute an offer to exchange or sell or an offer to exchange or buy any securities.

Volkswagen Financial Services are a business division of the Volkswagen AG group of companies and comprise as at 01.09.2017 Volkswagen Financial Services AG along with its associated companies, Volkswagen Bank GmbH, Porsche Financial Services, and the financial services companies in the USA, Canada, and Spain that belong directly or indirectly to Volkswagen AG – with the exception of the financial services of the Scania brand and Porsche Holding Salzburg.

Under the brand "Volkswagen Financial Services – the key to mobility" the subsidiaries of Volkswagen Financial Services AG as well as its sister company Volkswagen Bank GmbH render various services under the joint brand "Volkswagen Financial Services". Such services are banking services (through Volkswagen Bank GmbH), leasing services (through Volkswagen Leasing GmbH), insurance services (through Volkswagen Versicherung AG, Volkswagen Autoversicherung AG) as well as mobility services (inter alia through Volkswagen Leasing GmbH). In addition, insurance products of other providers are offered.

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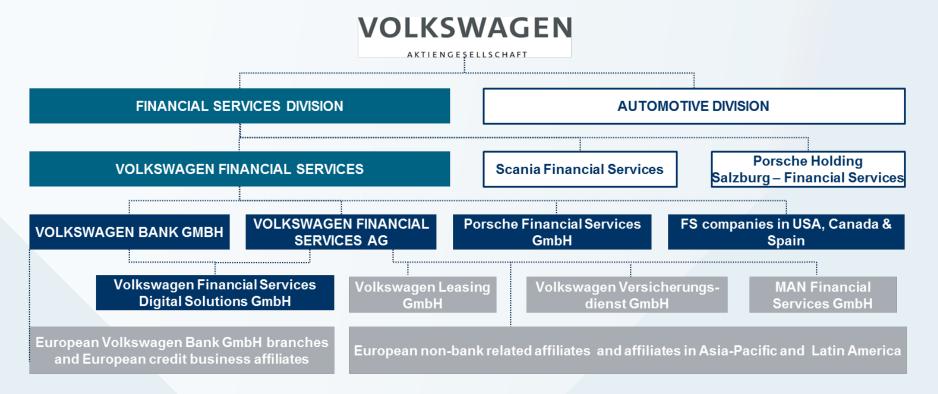
# **Volkswagen Group Structure**

V	olume	Prer	mium	Super P	remium	Truci	c & Bus	Procurement/ Components	Financial Services	China
vw	Volkswager	Audi	QQQ Audi	Porsche	PORSCHE	MAN	MAN	Procurement	VOLKSWAGEN FINANCIAL SERVICES THE REY TO MODILITY	Region China
Škoda	SKODA	Lamborg	ghini*	Bentley	BENTLEY	Scania	SCANIA.	Components**		
SEAT	S	Ducati*	DUCATH	Bugatti	BUGATTI	Power Enginee	ring*			
VW LC	Commercial Vehicles									
MOIA	WOIV									

<sup>\*</sup> Allocation will be verified

<sup>\*\*</sup> Temporarily responsibility of Group CEO, will be a combined Board of Management function

## **Group Structure of Volkswagen Financial Services**



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# At a Glance (12/31/2017)

Volkswagen Bank GmbH						
Total assets	€78.7 bn					
Equity	€11.3 bn					
Customer deposits	€33.6 bn					
Operating profit	€994 m					
Employees	3,645					
Contracts (units)	5.5 m					



Volkswagen Financial Services AG					
Total assets	€69.0 bn				
Equity	€7.6 bn				
Customer deposits	€69 m				
Operating profit	€609 m				
Employees	5,023				
Contracts (units)	8.5 m				

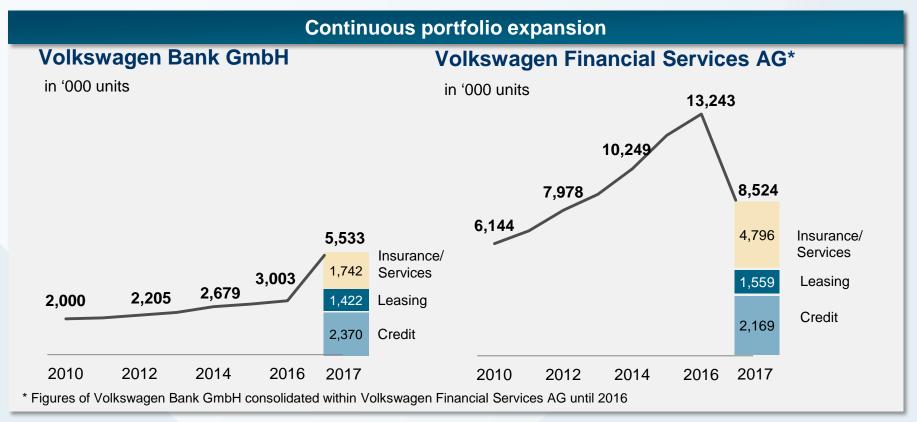


## **Operating income**



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## **Contract Portfolio**



# We offer the whole range of services under one roof\*

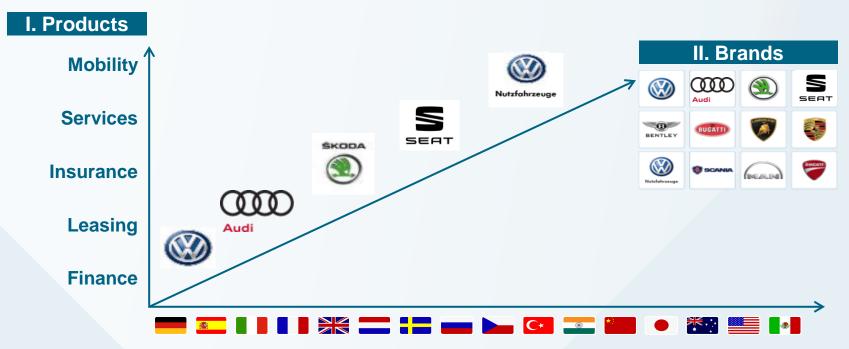
### **Volkswagen Financial Services**

	BANK	LEASING	INSURANCE			MOBILIT	Y		PAYMENT
Bank	Direct Bank	Leasing	Insurance	Services	Fleet Management	Charge & Fuel	Rental	Parking	Payment
<ul> <li>Retail Financing</li> <li>Wholesale Financing</li> <li>Factoring</li> </ul>	Deposits     Instalment Credit     Investment Products	Finance Lease     Operating     Lease	<ul> <li>Motor Insurance</li> <li>Warranty Insurance</li> <li>GAP Insurance</li> <li>Credit Protection Insurance</li> <li>Industry</li> </ul>	Service & Full and Limited Maintenance     Tyres	<ul> <li>Multi-brand capability</li> <li>Reporting</li> <li>Fleet Consulting</li> <li>Telematics</li> <li>LifeCycle Services</li> </ul>	Fuel and Service Cards     Charge & Fuel Card	<ul> <li>Long- term Rental</li> <li>Short-term Rental</li> <li>Micro Rental</li> <li>Car sharing</li> </ul>	<ul> <li>Payment for parking space</li> <li>Services around parking</li> <li>On- and off- street solution</li> </ul>	<ul> <li>Payment platform</li> <li>Mobile Payments</li> <li>Mobile Wallet</li> </ul>

<sup>\*</sup>Displayed portfolio depends on the market; products offered or mediated by different operative subsidiaries.

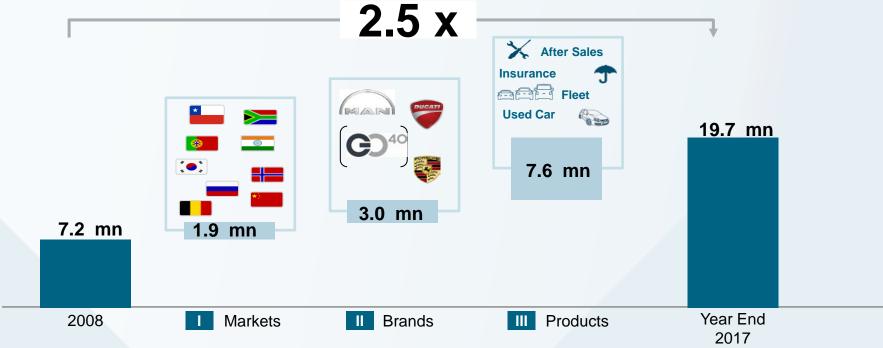
Frequency of customer contact

# Over the last years we have consequently implemented our growth strategy



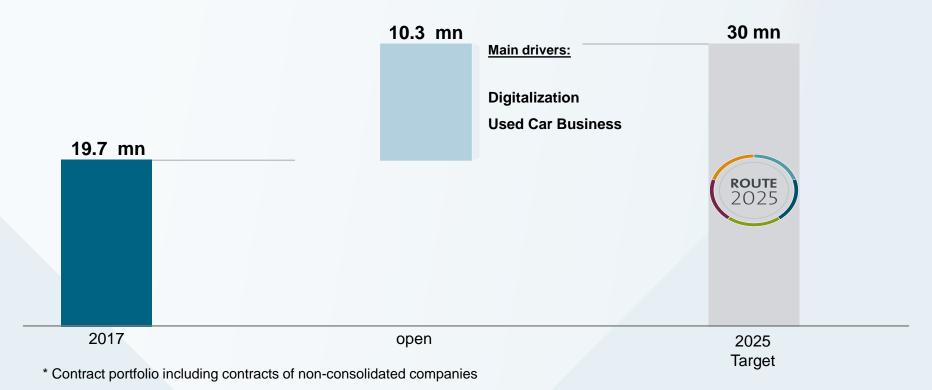
III. Markets

# With amazing results: Volkswagen Financial Services has more than doubled its contract portfolio\* since 2008!



<sup>\*</sup> Contract portfolio including contracts of non-consolidated companies

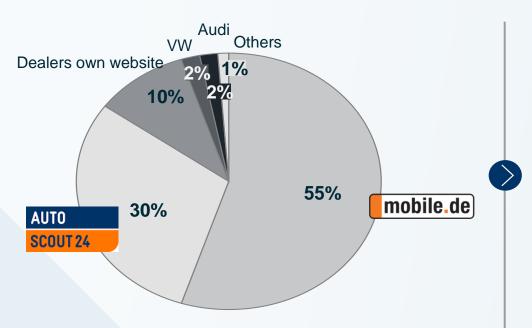
# **ROUTE 2025 - Target of 30 mn contracts\* in portfolio in 2025**



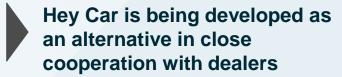


## Hey Car: development of a real alternative to the current duopoly

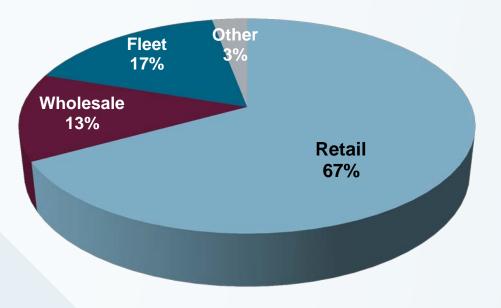
### Online share of trades



- mobile.de and scourze counts for 85% of the Market
- Constant price increase for both platforms
- Dominant platforms controlled by American tech companies



# Portfolio Structure and Risk Types of Volkswagen Financial Services



<u>Credit Risk</u> is the predominant risk type whereof the major share is originated from well diversified retail business with a low risk profile.

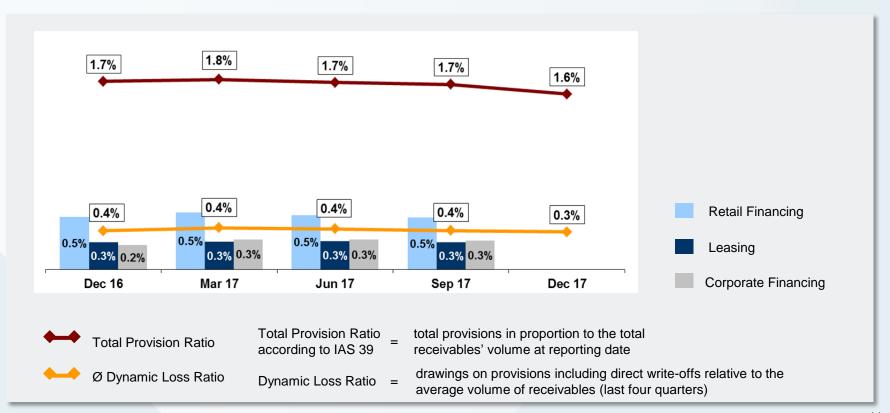
### Other substantial risk types:

- Residual Value Risk
- Earning Risk
- Operational Risk
- Marketprice Risk
- Shareholder Risk

... focused business model, conservative risk profile, no adventures.

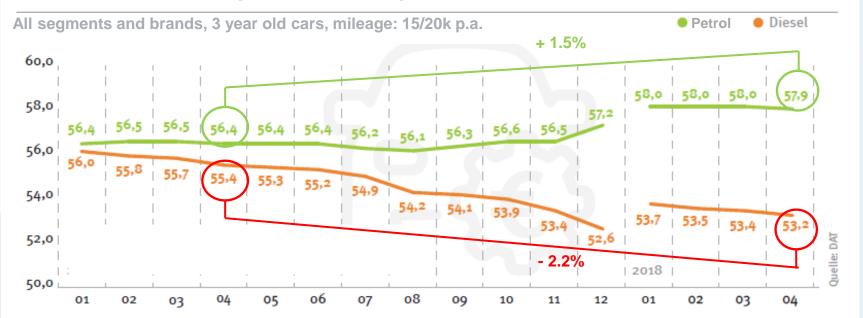
as of 12/31/2017

## Volkswagen Financial Services – Credit risks as of 31.12.2017



## Report by Deutsche Automobil Treuhand (April 18)

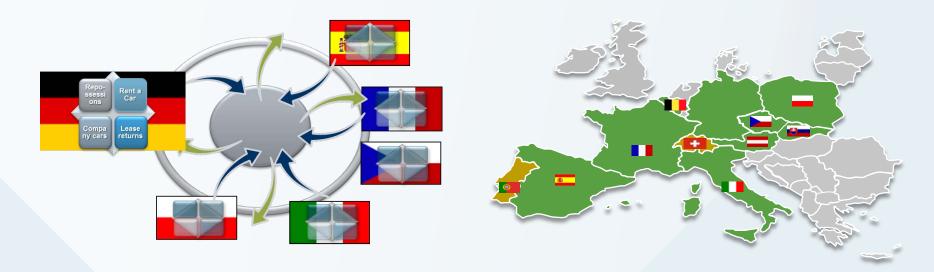
## Residual Value Development from list price in %



- Residual values of three year old used cars with diesel engine slightly decreased by -2.2% yoy.
- Residual values of three year old used cars with petrol engine increased by +1.5 % yoy.

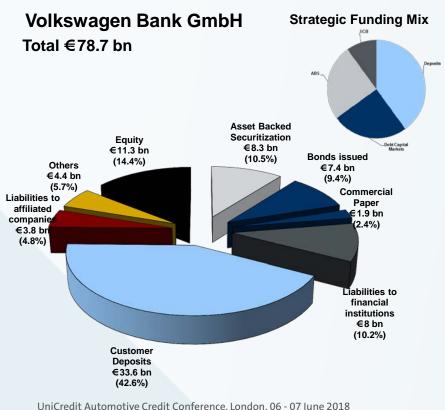
THE KEY TO MOBILITY

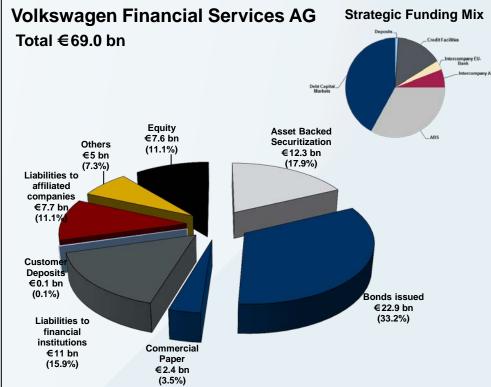
# The International Used Car Broker is the additional and international channel in remarketing, implemented in several European countries



- Currently 8 VW FS AG countries participating
- 2 additional countries in discussion

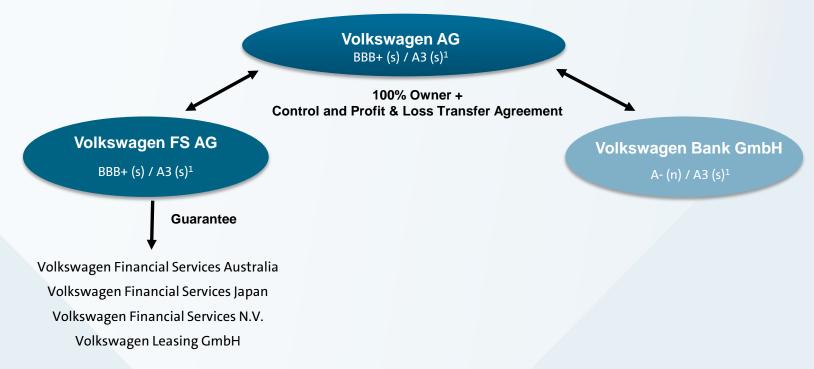
## Strategic Funding Allocation as of 31 December 2017





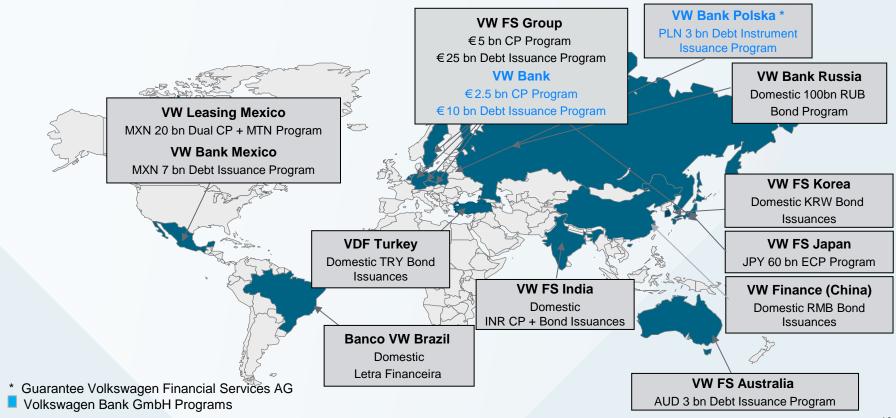
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# Volkswagen Financial Services organisational structure and guarantee scheme



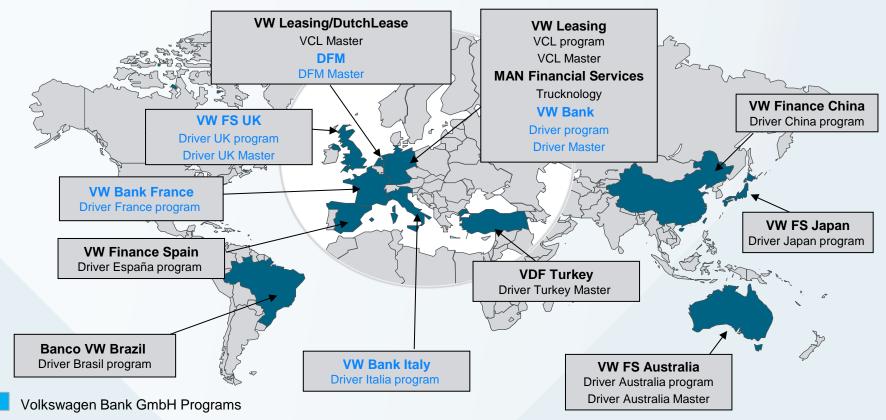
<sup>&</sup>lt;sup>1)</sup>Credit Ratings from Standard&Poors / Moody's as per 21 March 2018; (n) Outlook negative, (s) Outlook stable

## **Worldwide Capital Market Activities**



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## **Worldwide ABS Activities**



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## **Outlook**

## **Volkswagen Financial Services AG (Annual Report 2017)**

Our earnings expectations assume a slight increase in funding costs, greater levels of cooperation with the individual Group brands, increased investment in digitalization for the future and continued uncertainty about macroeconomic conditions in the real economy and the impact of this uncertainty on factors such as risk costs, as well as the potential effects of geopolitical upheaval. Assuming that margins remain stable in the coming year, the operating profit in fiscal year 2018 is expected to be at the level achieved in fiscal year 2017.

(This forecast is based on the current corporate structure of Volkswagen Financial Services AG and does not take into account any future changes that may result from the restructuring program that has been initiated.)

## Volkswagen Bank GmbH (Annual Report 2017)

We expect the operating profit for fiscal year 2018 to be moderately below the level achieved in fiscal year 2017 because of the positive nonrecurring items recognized in 2017.

(This forecast is based on the current corporate structure of Volkswagen Bank GmbH and does not take into account any future changes that may result from the restructuring program that has been initiated.)

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### Thank You.

Volkswagen Financial Services AG Gifhorner Str. 57 38112 Braunschweig Germany www.vwfsag.de/en

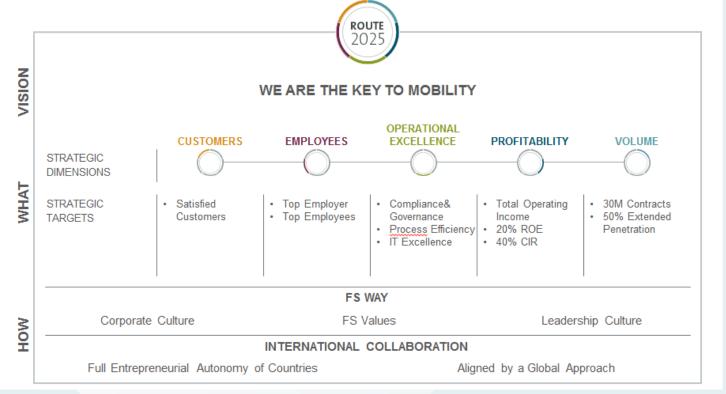


Bernd Bode
Group Treasury and Investor Relations
Volkswagen Financial Services

Tel.: +49 531 212 3807 bernd.bode@vwfs.com

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Volkswagen Financial Services follows consequently its vision and the targets of Route2025



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# The world keeps turning | Focus on additional topics

## **Digitalisation**





**Used Car Business** 



**Operational Excellence** 





Growth Market China

## **Digitalization | Our target**



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## Greenwheels focuses on customer friendliness through digitalization









Register

**Book** 

**Drive** 

**Own Data** 



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# Volkswagen Financial Services has the lead for developing a parking solution within the Volkswagen Group









- VWFS is developing a digital parking solution allowing central access and cashless payment for parking
- This service will improve the customer journey by:
  - Displaying available parking spaces
  - Allowing seamless access & payment (depending on country)
  - Offering relevant coverage on an international scale
  - Car Integration

VWFS will provide this service independently and to all Group Brands (example WE Park) via a growing portfolio of parking operators

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# Volkswagen Bank GmbH Key data 2013 – 2017 (IFRS)

	2013	2014	2015	2016	2017
Portfolio ('000)	2,351	2,565	2,767	3,002	5,533
Retail + Leasing receivables (€mn)	22,220	23,887	25,814	27,954	52,316
Dealer financing (€mn)	7,973	8,928	10,302	10,538	12,430
Customer deposits (€mn)	23,140	25,252	27,877	35,666	33,583
Employees	1,241	1,123	1,185	1,293	3,549
IFRS profit before tax (€mn)	459	464	575	669	992

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## **Volkswagen Financial Services AG**

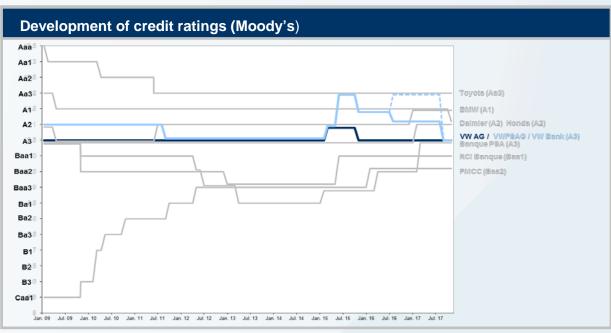
Key data 2013 – 2017 (IFRS)

	2013	2014	2015	2016	2017*
Portfolio ('000)	8,848	10,249	12,081	13,244	8,524
Retail + Leasing receivables (€mn)	65,127	76,749	83,351	90,666	46,649
Dealer financing (€mn)	11,082	12,625	13,967	14,638	3,584
Customer deposits (€mn)	24,286	26,224	28,109	36,149	69
Employees	9,498	11,305	11,746	11,819	5,023
IFRS profit before tax (€ mn)	1,315	1,317	1,513	1,650	643

<sup>\*</sup> Figures of Volkswagen Bank GmbH consolidated within Volkswagen Financial Services AG until 2016

#### Rating History (05/28/2018) – Moody's

	Moody's	S&P
Toyota	Aa3	AA-
Honda	A2	A+
BMW	A1	A+
VW AG	A3 <sup>2)</sup>	BBB+ 2)
VW FS AG	A3 <sup>2)</sup>	BBB+ 2)
VW Bank GmbH	A3 <sup>2)</sup>	A- 1) 3)
Scania		BBB+ 2)
Daimler	A2	Α
RCI Banque	Baa1	BBB
FMCC	Baa2	BBB
Banque PSA	А3	BB+ *



1) Outlook: negative 2) Outlook: stable 3) Bonds are senior subordinated rated BBB+ \* withdrawn at bank's request

Volkswagen Financial Services AG has a solid rating history.

#### **VOLKSWAGEN FINANCIAL SERVICES**

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#### **VW Two Strong Brands in the Automobile Securitisation Market**



- Securitisation Programme of VW Bank GmbH/ VW FS
   AG
- Portfolio of auto loans
- Program established in 2004
- 49 public transactions placed in the market so far
- Volume of public transactions: €31.2bn



- Securitisation Programme of VW FS AG
- Portfolio of auto leases.
- Program established in 1996
- 26 public transactions placed in the market so far
- Volume of public transactions: €26.2bn

- Highly granular risk profile
- International roll out (2008 UK, 2011 Spain, 2012 Japan and Brazil, 2013 France and Australia, 2014 China, 2016 Netherlands, 2018 Turkey)
- Stable and diversified investor base

#### Recent Public DCM and ABS Deals 2017+2018

#### (Volkswagen Financial Services AG and Volkswagen Bank GmbH)

Volkswagen Bank GmbH

Volkswagen Financial

**Services AG** 

- Volkswagen Bank GmbH: 12/2017 EUR 2bn, due 2021, 2023, 2025
- Volkswagen Financial Services AG (SSD): 02/2017 EUR ~900m, due 2020, 2022, 2024
- Volkswagen Financial Services Australia Pty: 04/2017, AUD 500m, due 04/2020
- Volkswagen Financial Services N.V.: GBP 850m, 04/2017, due 04/2021 & 04/2025
- Volkswagen Finance (China): 05/2017, RMB 4bn, due 05/2020
- Volkswagen FPL (India): 06/2017, INR 1.5bn, due 06/2019 & due 06/2020
- Volkswagen Leasing S.A., Mexico: 06/2017, MXN 2bn, due 06/2020
- Banco Volkswagen S.A., Brasilien: 05/2017, BRL 500m, due 05/2019
- Volkswagen Leasing GmbH: EUR 3.5bn 06/2017, due 06/19, 06/21 & 12/24
- Volkswagen Leasing GmbH: EUR 2.25bn 09/2017, due 09/2020 & 03/2024
- Volkswagen Financial Services AG: EUR 2.25bn 04/2018, due 10/19, 04/21 & 04/23
- Volkswagen Bank GmbH
- Driver UK six (Volkswagen Financial Services UK): GBP 450m (09/2017)
- Driver France three (Volkswagen Bank GmbH): EUR 470m (04/2017)
- Driver Espania five (Volkswagen Finance S.A.): EUR 1.0bn (02/2018)
- Driver fourteen (Volkswagen Bank GmbH): EUR 900m (03/2018)
- Driver Italia one (Volkswagen Bank GmbH): EUR 500m (04/2018)
- Volkswagen Financial Services AG
- VCL 25 (Volkswagen Leasing GmbH): EUR 1.6 bn (11/2017)
- Driver China eight (Volkswagen Finance (China) Co.): RMB 3.2 bn (12/2017)
- Driver Japan seven (Volkswagen Financial Services Japan): JPY 55 bn (02/2018)
- Driver Turkey Master (Volkswagen Dogus Finansman S.A.): TRY 1.1 bn (02/2018)
- VCL 26 (Volkswagen Leasing GmbH): EUR 1.5 bn (03/2018)
- Driver Australia five (Volkswagen Financial Services Australia Pty Ltd.): AUD 750m (04/2018)





















We are stepping on the gas in terms of profitability, innovative power and sustainability

