

AKTIENGESELLSCHAFT

# Shaping the transformation together.

Oliver Larkin, Group Head of Investor Relations Credit Suisse - 2018 Paris Auto Show Conference, 2<sup>nd</sup> – 3<sup>rd</sup> October 2018

#### Disclaimer

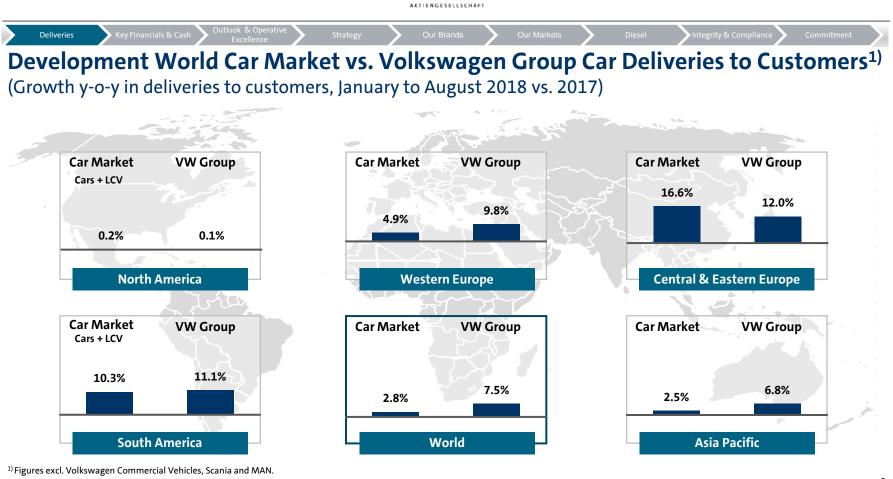
The following presentations contain forward-looking statements and information on the business development of the Volkswagen Group. These statements may be spoken or written and can be recognized by terms such as "expects", "anticipates", "intends", "plans", "believes", "seeks", "estimates", "will" or 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 webicles. 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.

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.

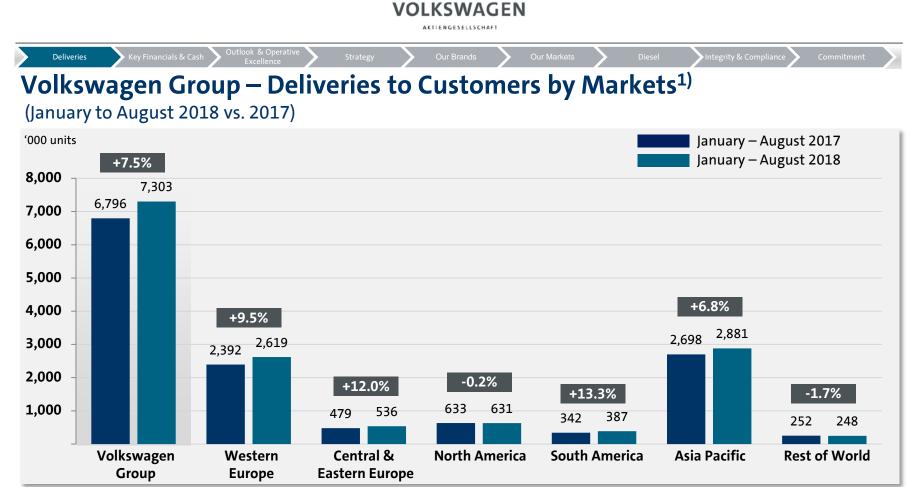
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This information does not constitute an offer to exchange or sell or an offer to exchange or buy any securities.





<sup>1)</sup>Incl. all brands of Volkswagen Group (Passenger Cars and Commercial Vehicles); +7.5% excl. Volkswagen Commercial Vehicles, Scania and MAN. <sup>2)</sup> MAN incl. MAN Latin America Trucks and Busses GVW > 5t.



<sup>1)</sup> Incl. all brands of Volkswagen Group (Passenger Cars and Commercial Vehicles); +7.5% excl. Volkswagen Commercial Vehicles, Scania and MAN.



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#### (January to June 2018 vs. 2017)

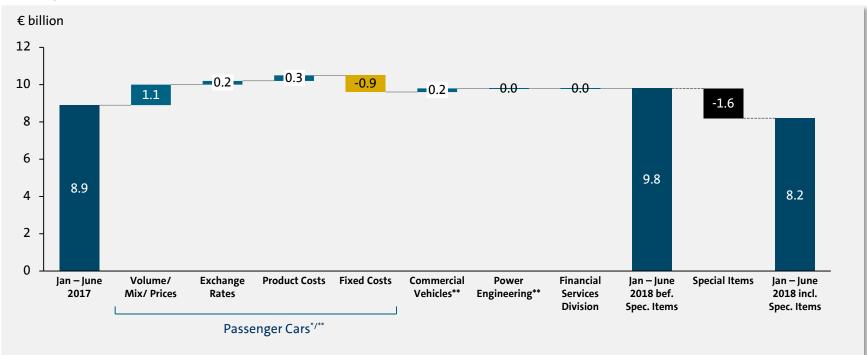
thousand vehicles / € million	2018	<b>2017</b> <sup>2)</sup>	+/- (%)
Vehicle Sales <sup>3)</sup>	5,575	5,270	+5.8
Sales revenue	119,377	115,349	+3.5
Operating profit before Special Items	9,794	8,916	+9.8
% of sales revenue	8.2	7.7	
Operating profit	8,160	8,916	-8.5
% of sales revenue	6.8	7.7	
Financial result	813	-117	х
of which: At-equity result <sup>3)</sup>	1,680	1,635	2.8
of which: Other financial result	-867	-1,753	-50.5
Profit before tax	8,972	8,799	+2.0
% Return on sales before tax	7.5	7.6	
Profit after tax	6,613	6,474	+2.1

1) 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>2)</sup> Prior-year figures were adjusted due to IFRS 3) 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 €2,318 million (€2,135 million).



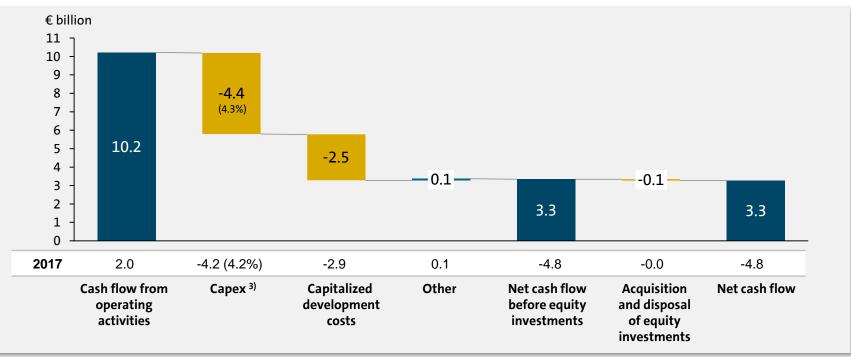
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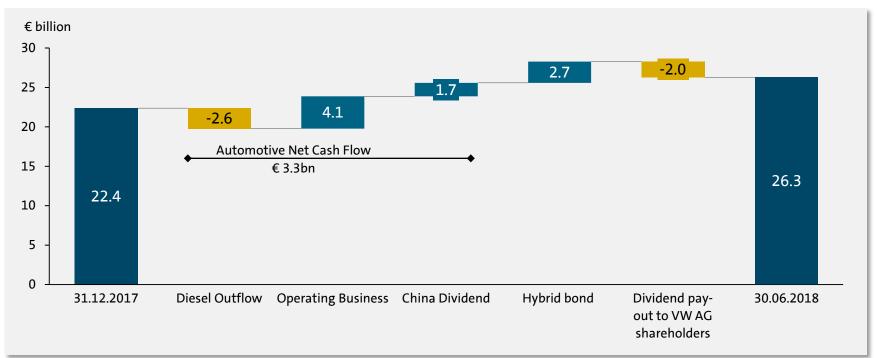
#### (January to June 2018)



<sup>1)</sup> All figures shown are rounded, minor discrepancies may arise from addition of these amounts.<sup>2)</sup> 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.

## VOLKSWAGEN Litergesettschart Deliveries Our Brands Our Markets Diese Integrity & Compliance Commitment Automotive Division – Net Cash Flow drives solid Net Liquidity<sup>1</sup> (January to June 2018)



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(January to June 2018 vs. 2017)

	Vehicle sales		Sales	revenue	Operatin	Operating profit		gin
thousand vehicles/ € million / in percentage	2018	2017	2018	2017	2018	2017	2018	2017
Volkswagen Passenger Cars	1,931	1,812	42,704	39,661	2,130	1,776	5.0	4.5
Audi	812	783	31,183	30,011	2,761	2,680	8.9	8.9
ŠKODA	511	501	9,161	8,720	821	860	9.0	9.9
SEAT	347	304	5,786	5,054	212	130	3.7	2.6
Bentley	5	5	757	867	-80	13	-	1.5
Porsche Automotive <sup>2)</sup>	123	124	11,231	10,841	2,064	2,056	18.4	19.0
Volkswagen Commercial Vehicles	248	244	6,324	5,927	567	448	9.0	7.6
Scania <sup>3)</sup>	47	44	6,515	6,307	684	673	10.5	10.7
MAN Commercial Vehicles	65	53	5,814	5,297	258	193	4.4	3.6
MAN Power Engineering	-	-	1,637	1,579	68	73	4.2	4.6
VW China <sup>4)</sup>	1,999	1,870	-	-	-	-	-	-
Other <sup>5)</sup>	-512	-469	-18,399	-14,915	-921	-1,152	-	-
Volkswagen Financial Services	-	-	16,664	15,999	1,231	1,165	7.4	7.3
Volkswagen Group before Special Items	-	-	-	-	9,794	8,916	8.2	7.7
Special Items	-	-	-	-	-1.635	-	-	-
Volkswagen Group	5,575	5,270	119,377	115,349	8,160	8,916	6.8	7.7
Automotive Division 6)	5,575	5,270	101,715	98,388	6,866	7,651	6.8	7.8
of which: Passenger Cars	5,219	4,930	81,766	79,557	5,649	6,654	6.9	8.4
of which: Commercial Vehicles	357	340	18,312	17,252	1,275	1,043	7.0	6.0
of which: Power Engineering	-	-	1,637	1,579	-58	-46	-3.5	-2.9
Financial Services Division	-	-	17,662	16,961	1.294	1,265	7.3	7.5

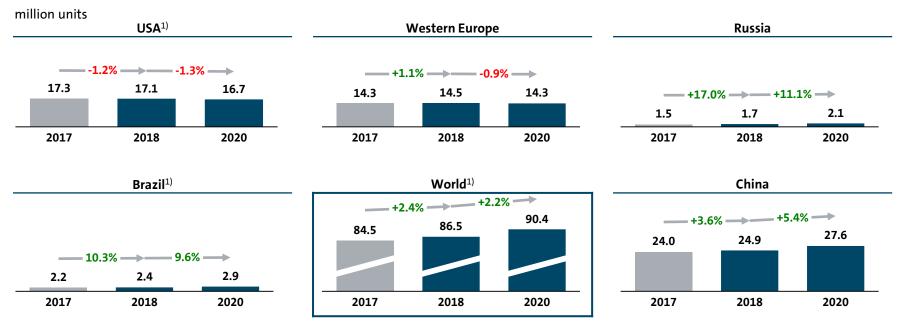
<sup>13</sup> All figures shown are rounded, minor discrepancies may arise from addition of these amounts.<sup>21</sup> Porsche (Automotive and Financial Services): sales revenue 412,287 (11,778) million.<sup>31</sup> Including financial services.<sup>41</sup> The sales revenue and operating profits of the joint venture companies in China are not included in the figures for the China are not included in the figures for the Croup. These Chinese companies are accounted for using the equity method and recorded a proportionate operating profit fe2,1287 (11,778) million.<sup>51</sup> Including financial services, in particular from the elimination of intercompany profits; the figure includes are not included in the figures for the calibrating profit fe2,154 (2,131) million.<sup>51</sup> Including financial services in particular from the elimination of intercompany profits; the figure includes depreciation and amortization of identifiable assets as part of purchase price includes inclusion for Sana Allowsche michanical Services without and the consolidation adjustments between the Automotive and Financial Services without and Postone<sup>10</sup>. Including financial Services without and Postone<sup>10</sup> including allowzing MNA and Postone<sup>10</sup>.



<sup>1)</sup> before Special Items. 2) Operating return on sales after Special Items is expected to be moderately below that range.

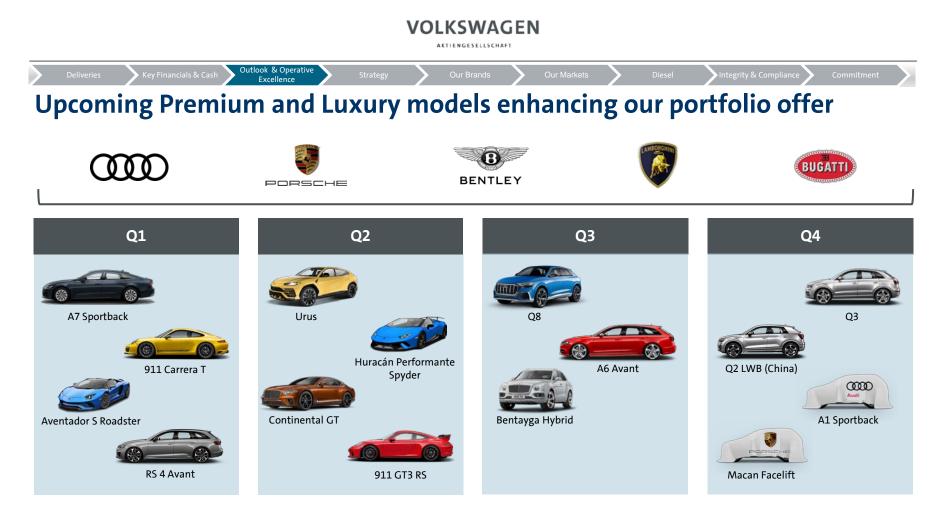
	<b>VOLKSWAGEN</b> AKTIENGESELLSCHAFT											
Deliveries	Key Financials & Cash	Outlook & Operative Excellence	Strategy		Our Brands		Our Markets	$\boldsymbol{\boldsymbol{\succ}}$	Diesel	Integrity & Compliance	Commitment	
Global	Passenge	er Car Mark	et 201	L7/	/2018	/20	020					
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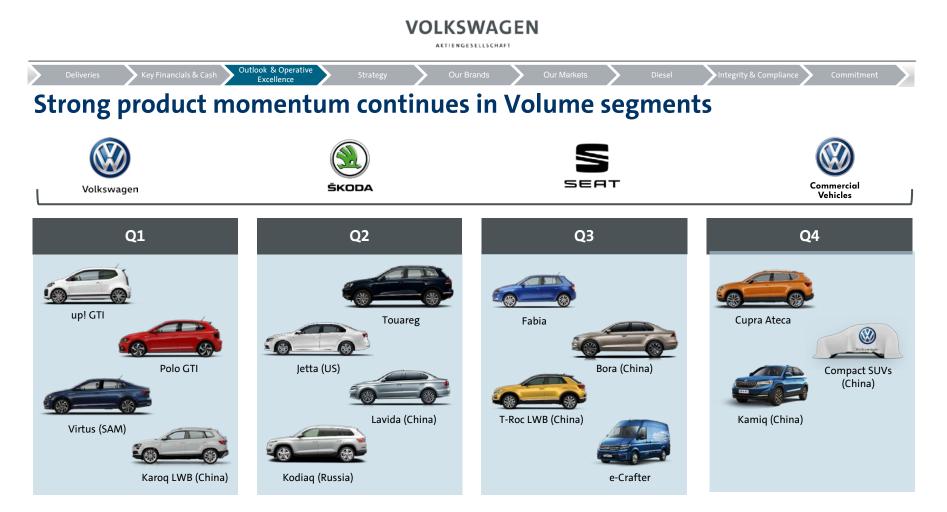
Slowdown in Western Europe due to falling demand in UK; Stagnation in USA at a high level; Recovery in Brazil and Russia from a low level; China remains largest driver of passenger car demand

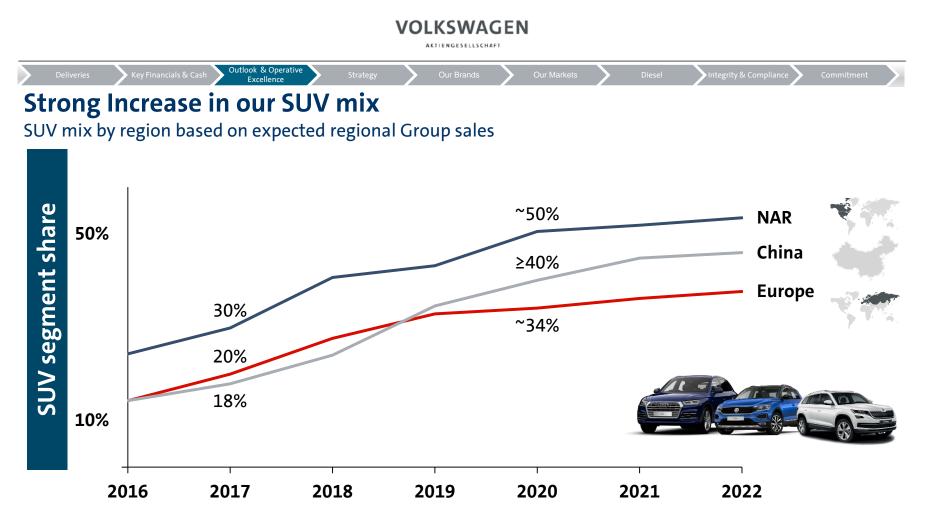


Actuals Forecast Data source: IHS Automotive (08.2018)

<sup>1)</sup>Volume for North & South America includes light commercial vehicles (definition 'Light Vehicles') growth 2018-2020 = Compound Annual Growth Rate / yearly average









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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)<sup>1)</sup>

Outlook & Operative

- Legally binding registration requirements for all OEM's
- Effects taxation:
  - EU recommendation crossover from Jan. 1, 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 conditions

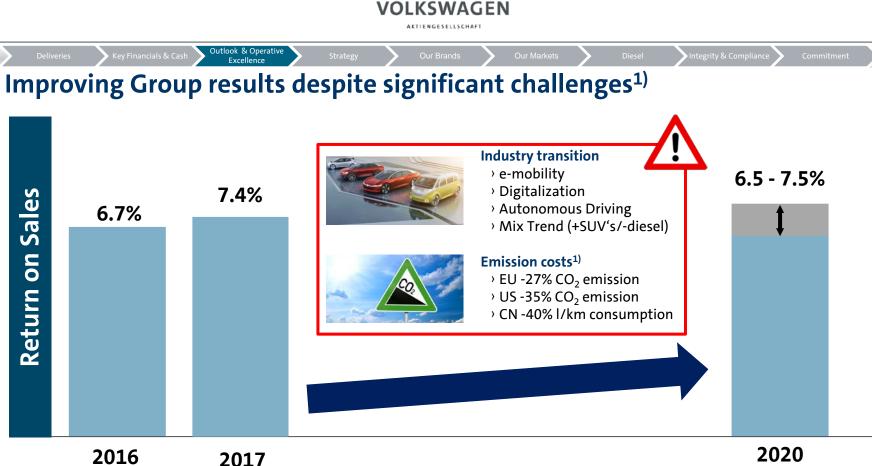


<sup>1)</sup> Different implementation of timelines between countries <sup>2)</sup> NEDC: New European Driving Cycle



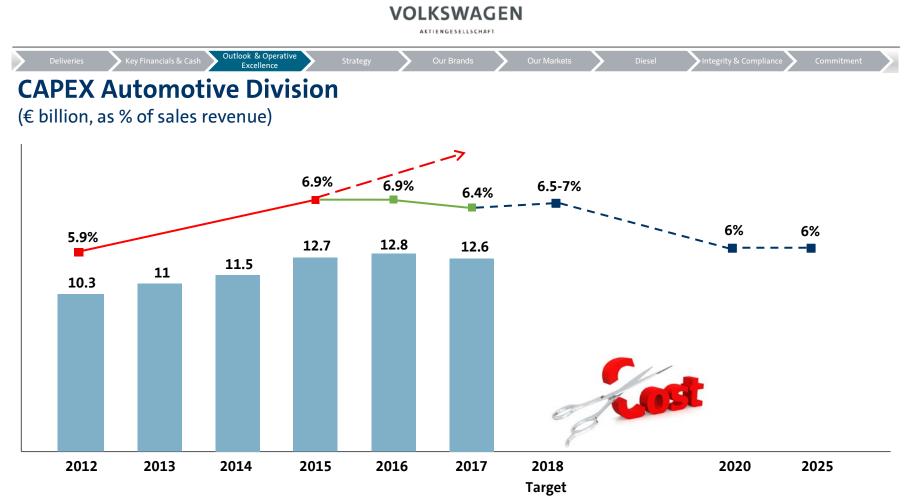
Deliveries Key Financials & Cash Outlook & Operat Excellence	Strategy		Dur Markets Die	sel <b>N</b> Integrity & Comp	liance Commitment
Key financial targets	2016 Actual	2017 Actual	2018 Outlook	2020 Targets	2025 Targets
Operating return on sales Before Special Items	6.7%	7.4%	6.5-7.5%	6.5-7.5%	7-8%
<b>Return on investment</b> Automotive Division <u>before</u> 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%
<b>Cash</b> a) Net Cashflow <sup>2)</sup> Automotive Division	€ 7.2 bn	€ 10.1bn	≥€9bn	≥€10 bn	> € 10 bn ~10% of Group
b) Net Liquidity	€ 27.2 bn	€ 22.4 bn	>€ 20 bn	>€20 bn	turnover

<sup>1)</sup> As of 1<sup>st</sup> August, 2018. <sup>2)</sup> Ex diesel payments; cash outflows of around € 3 bn in 2016, € 16.1 bn in 2017 and € 2.6 bn in H1 2018.



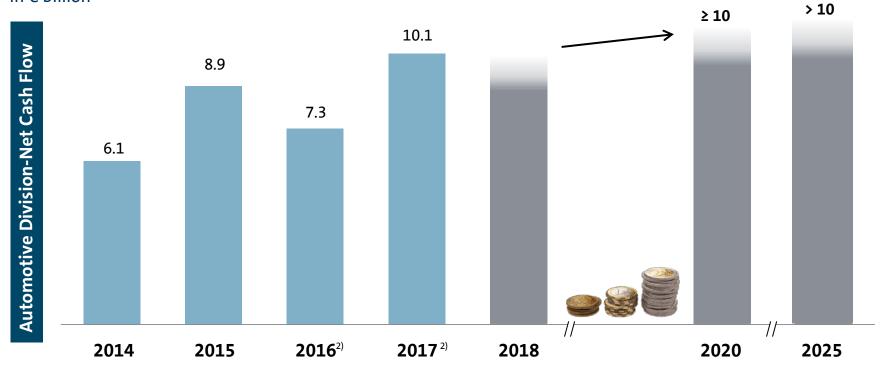
Base

Target

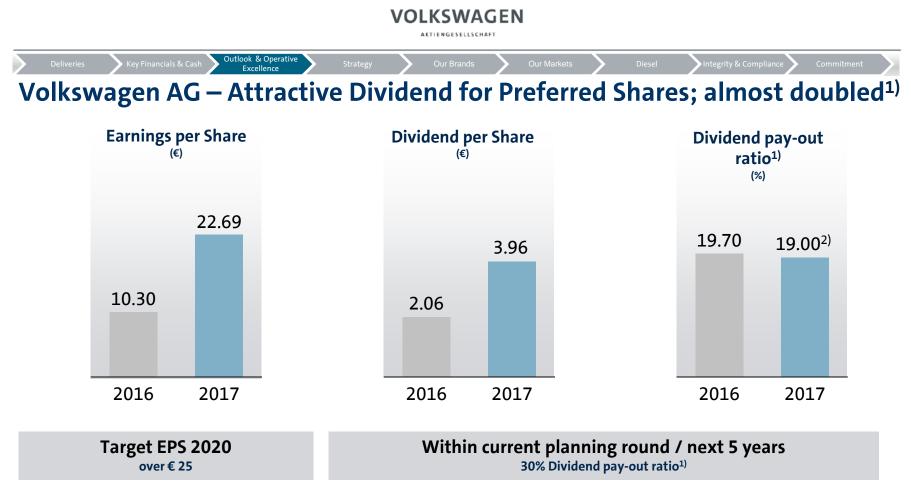




### VOLKSWAGEN Attienceselischaft Deliveries Key Financials & Cash Outlook & Operative Excellence Commitment Deliveries Key Financials & Cash Outlook & Operative Excellence Commitment Automotive Division-Net Cash Flow (ex Diesel payments)<sup>1</sup>) in € billion



<sup>1)</sup> Incl. allocation of consolidation adjustments between Automotive and Financial Services divisions. <sup>2)</sup> Before around € 3 bn in 2016 and € 16.1 bn in 2017 Diesel related outflow.



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

<sup>2)</sup> Business year 2017 adjusted for non-recurring effects related to the tax reform in the USA of  $\leq$  1 bn.



### Deliveries Key Financials & Cash Outlook & Operative Excellence Strategy Our Brands Our Markets Diesel Integrity & Compliance Out Brands The Volkswagen Group is speeding up its transformation with the organizational realignment Our Brands Our Markets Diesel Integrity & Compliance Our Brands

VOLKSWAGEN

Distributed Group Functions	Brand Groups	Subsidiarity			
Group steering	Strong brands	Independence			
Lean and effective Group steering by trans- ferring responsibilities to Group BoM members	Use and develop core competences of each individual brand	Maximum subsidiarity for responsibility at all levels			
Transfer 1	Commission (	Desision making			
Focusing	Synergies	Decision-making			
Group BoM focuses on strategic challenges	Closer cooperation between brands by bundling in brand groups	Efficient decision-making through swifter processing in committees, etc. and use of fewer resources			
"All for one and one for all"	High maturity level	Stability			
Shared goals	More intensive exchange, synchronization and harmonization on strategy issues	Strategy process with clear targets, content and workflows			

#### Deliveries Key Financials & Cash Outflook & Operative Excellence Strategy Our Brands Our Markets Diesel Integrity & Compliance Commitment Creation of Brand Groups will reduce the complexity of the Group structure

Vol	lume	Prer	Premium Sport & Luxury		Truck	Truck & Bus Comp		Finance & IT	China	
vw	Volkswager:	Audi	ത്ത	Porsche	PORSCHE	MAN	MAR	Procurement	VOLKSWAGEN FINANCIAL SERVICES THE KEY TO MOBILITY	Region China
Škoda	SKODA	Lamborg	hini* 🥡	Bentley	BENTLEY	Scania	<b>SCANIA</b>	Components**		
SEAT	SEAT	Ducati*	OUCATT	Bugatti	BUGATTI	Power Enginee				
<b>VW LCV</b>	Commercial Vehicles									
MOIA	MOIN									

\* Allocation will be verified

\*\* Temporarily responsibility of Group CEO, will be a combined Board of Management function





Up to the end of <u>2022</u>: We will be putting more than €34 bn into e-mobility, digitalization, autonomous driving and mobility services – thereof in 2018: €6.6 bn

Up to the end of <u>2022</u>: Volkswagen Group and its **joint-venture partners in China** will be making around **€15 bn** available for e-mobility, autonomous driving, digitalization and new mobility services.

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









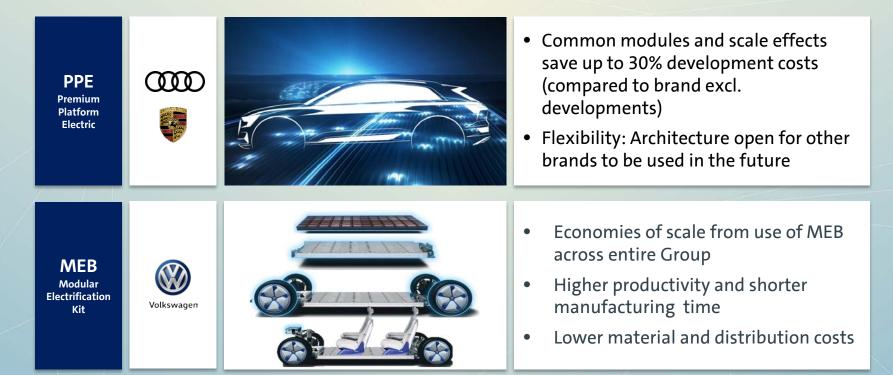
 Significant improvements in consumption and emissions of gasoline engines

• 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





#### VOLKSWAGEN LetirencesetLischaft Deliveries Very Financials & Cash Outlook & Operative Excellence Strategy Our Brands Our Markets Diesel Integrity & Compliance Commitment Audi e-tron and Porsche Taycan will change the premium electric game

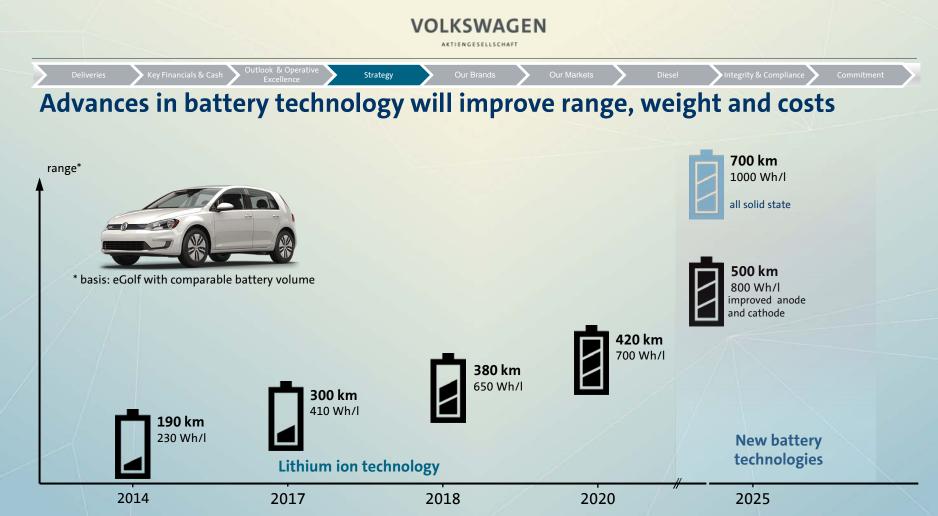


Market launch in September 2018.

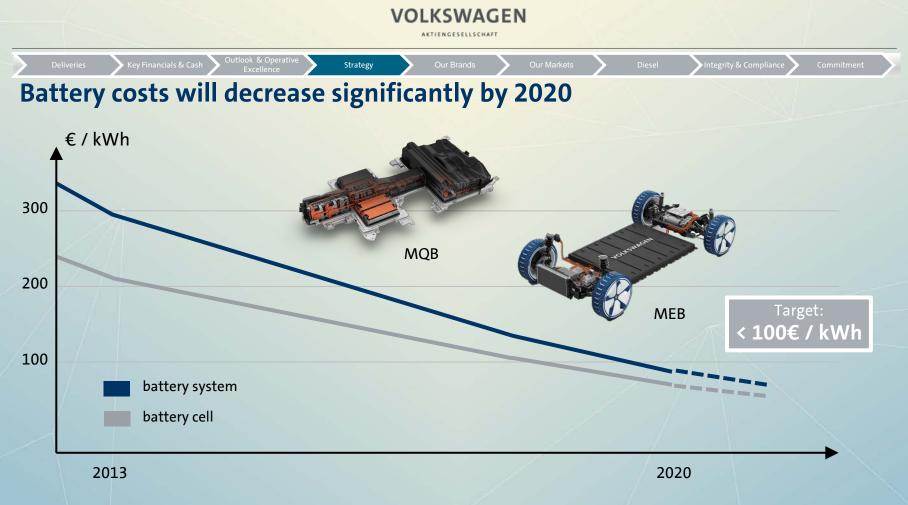
Market launch in the second half of next year.







Energy density, or volumetric energy density, reflects volume in liters (Wh/I).







- 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

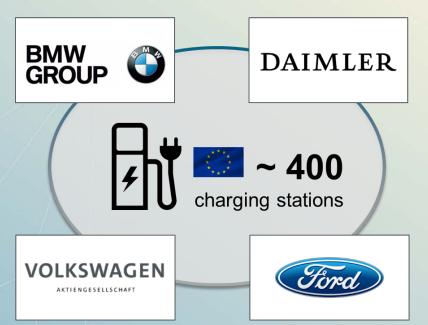
2030



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



ΙΟΠΙΤΥ



- 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.



Source: Electrify America



- 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









## Deliveries Key Financials & Cash Outlook & Operative Excellence Strategy Our Brands Our Markets Diesel Integrity & Compliance 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 TOGETHER Strategy 2025 with embedded financial KPI Targets
- 3. Comprehensive 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. TRATON Global Champion Potential and clear plan to achieve Capital Market Readiness
- 9. **Culture** of willingness to change: agile, innovative and integral backed by committed management and employees
- 10. Priority to work on protecting our **Society** and **Environment** for future generations also focusing on **Sustainable Supplier Relations**

# Overarching vision is to become a World-leading Provider of Sustainable Mobility



















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# Deliveries Key Financials & Cash Outlook & Operative Excellence Our Brands Our Markets Diesel Integrity & Compliance Commitment Overview Brand Targets (RoS, RoE)

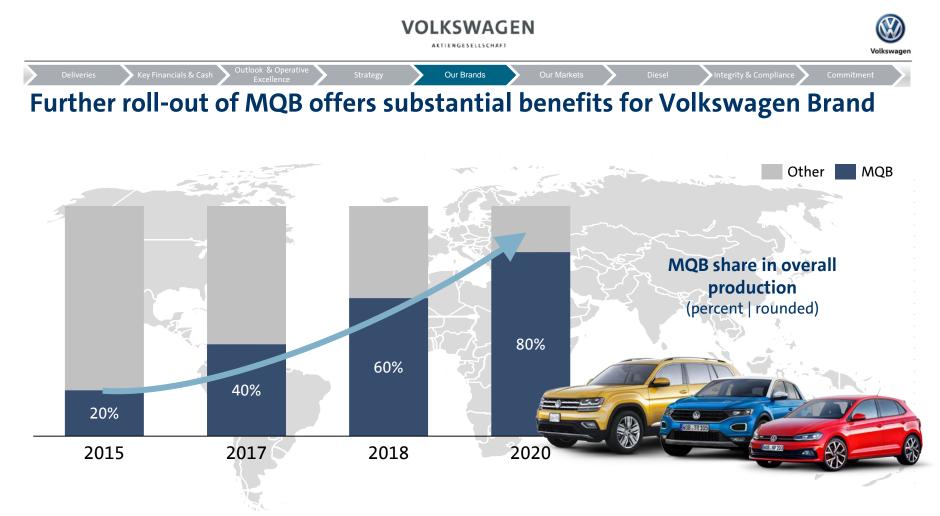
Return on Sales in % <sup>1)</sup>	<u>2016</u>	<b>Target 2017</b>	<u>2017</u>	<u>Target 2018</u>	2020	<u>2025</u>
Volkswagen Group	6.7	6-7 moderately exceed	7.4	6.5-7.5	6.5-7.5	7.0-8.0
Volkswagen Brand	1.8	3-5 moderately exceed	4.1	4-5	4-5	≥6
Audi	8.2	8-10	8.4	8-10	8-10	8-10
Porsche Automotive	17.4	>15	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>2)</sup>						
• Scania	9.5	67	6.0	67	<b>9</b> <sup>3)</sup>	<b>9</b> <sup>3)</sup>
MAN Commercial Vehicles	2.3	6-7	6.9	6-7	9%	93
Return on Equity (norm. 8%)	<u>2016</u>	<u>Target 2017</u>	<u>2017</u>	<u>Target 2018</u>	<u>2020</u>	<u>2025</u>
Volkswagen Financial Services	15.6%	14-16%	15.8%	14-16%	14-16%	20%

<sup>1)</sup> Before special items. <sup>2)</sup> For peer-group analysis: Truck & Bus Business RoS is calculated as the sum of Scania and MAN Commercial Vehicles. <sup>3)</sup> Through-cycle Target.



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

	<b>VOLKSWAGE</b>	Ν	Volkswagen
Deliveries Key Financials & Cash Outlook & Operat Excellence Volkswagen Brand Clea	Strategy Our Brands		rity & Compliance Commitment
	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>	>€1bn	>>€1bn





Secure the Future



ntegrity & Compliance

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

Our Brands

<u>Working Group 1</u> Production	<ul> <li>Increase of productivity by 25%</li> <li>Reduction of plant costs</li> </ul>	<ul> <li>4 additional models:</li> <li>2 conventional and 2 MEB vehicles</li> </ul>
<u>Working Group 2</u> Components	<ul> <li>Increase of productivity by 25%</li> <li>Discontinuation of unprofitable products</li> </ul>	<ul> <li>Investments in:</li> <li>Electric drive trains</li> <li>Pilot facility battery cell</li> <li>Battery system</li> </ul>
<u>Working Group 3</u> Technical Development	<ul> <li>Reduction of hardware-oriented development work</li> <li>Increased efficiency in development processes</li> </ul>	<ul> <li>Competency/capacity increase in autonomous driving, electrification, connectivity etc.</li> </ul>
<u>Working Group 4</u> Administration	Reduction of bureaucracy	Creation of employment     in new business segments
	Reduction in workforce bas	sed on demographic curve <sup>1)</sup>

<sup>1)</sup> ~ 9,350 early retirement contracts signed in 2017.

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# Core challenges in the commercial vehicle industry

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

Emission regulations

Cyclical

markets

Further

globalization

Connectivity & digitalization

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

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

Emerging Markets also have ambitious roadmap

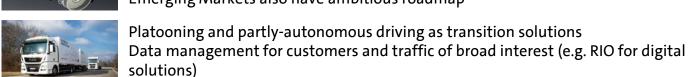
Not all regions hit by economic downturns at the same time

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Our Brands







Outlook & Operative







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#### Global Champion strategy

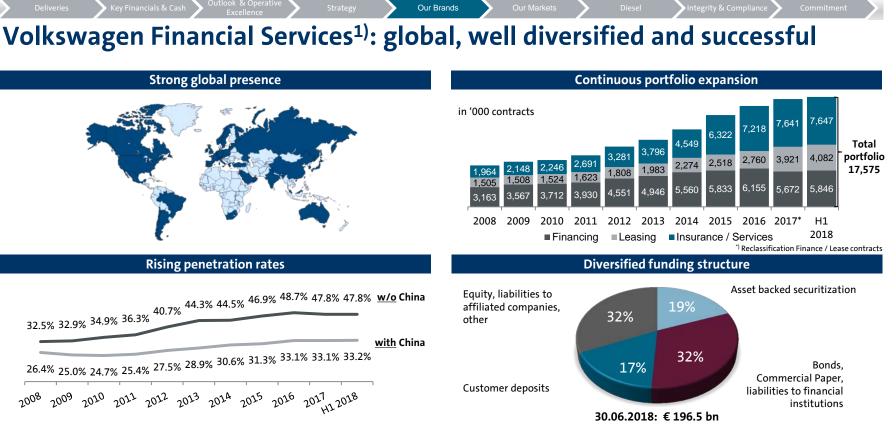
- Goal is becoming the Global Champion of the Commercial Vehicles sector: Leader in profitability, global presence and innovation.
- Further enhancement of brands' performance with individual identities, strengths and profiles.
- Increase cooperation and leverage synergies between brands.
- Further global 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).
  - Changed name to TRATON Group.
  - 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 closed.

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









#### **Product offensive in South America Key measures** Restructuring: reduce capacities and fixed costs Increase productivity, align products to local Polo G Virtus requirements • Product offensive, €2.5bn investment New brand positioning New growth strategy for Latin America ٠ Small SUV Global



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





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

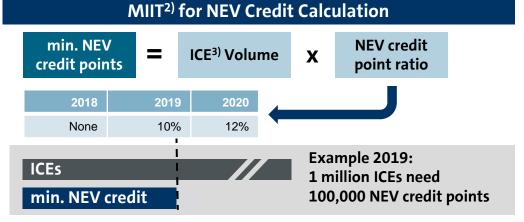
- Independent calculation of CAFC<sup>1</sup> and NEV credits
- Companies need to fulfill both requirements

#### 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



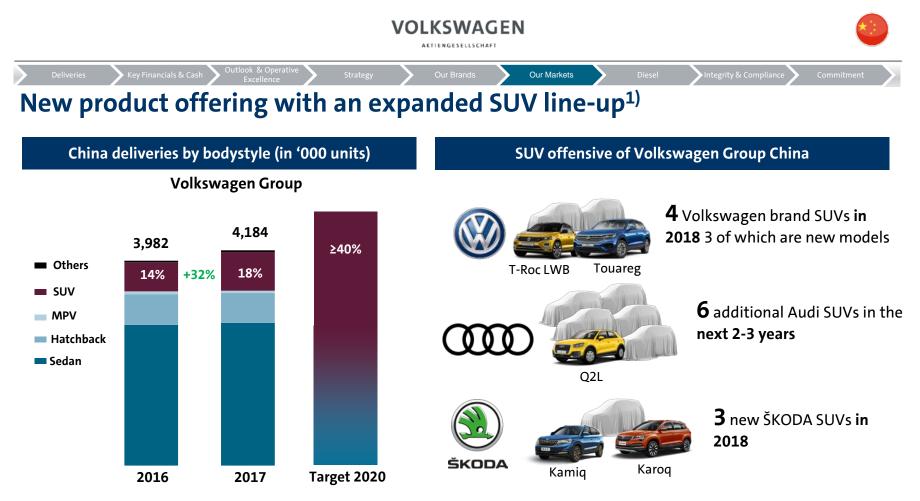
#### **NEV Credit Point Attribution per NEV Type**

**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)

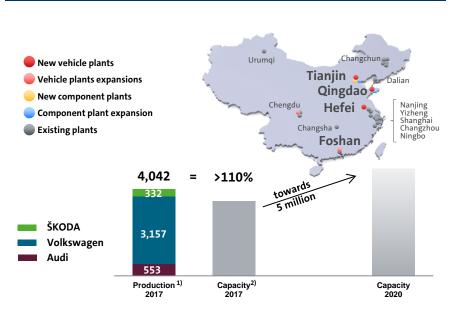
PHEV credit = 1 if e-range 50-80km and consumption under B-Test ≥70% ICE; or e-range ≥ 80km but high electric consumption







# Deliveries Key Financials & Cash Outbook & Operative Excellence Strategy Our Brands Our Markets Diesel Integrity & Compliance Commitment Volkswagen Group China opens new factories to strengthen SUV offensive and e-Mobility Group China opens new factories to strengthen SUV offensive Commitment



**Production capacity will increase** 

#### **Factories starting in 2018**

Tianjin	Start in August
Qingdao	Opening ceremony on May 28 New Bora & 2 Audi models on MQB platform ICE & EV production on one production line Production of battery systems
Hefei	First production model unveiled May 25 Production of JAC Volkswagen's SOL brand
Foshan	Start in June Focus on the SUVs (Audi and Volkswagen) Additional factory at the production site MQB platform will be electrified Battery system assembly and MEB to follow

<sup>1)</sup> Actual production volume in '000 vehicles <sup>2)</sup> Available capacity on the basis of 250 working days.



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

€ (bn)	Diesel		Other		Total
2015	Other items	7.0 9.2	Restructuring: Truck Business Passenger Cars South America Airbags Takata	0.2 0.2 0.3 <b>0.7</b>	16.9
2016	Mainly legal risks	6.4	Scania Anti-Trust Proceedings Others	0.4 0.7 <b>1.1</b>	7.5
2017	Legal	<ol> <li>2.2</li> <li>1.0</li> <li>3.2</li> </ol>			3.2
2018	Legal	1.6			1.6
Total to date	2	27.4		1.8	29.2

A significant amount of the Diesel Dollar-related provisions are hedged and a further substantial amount of the provisions have been utilized. Cash outflows of around  $\notin$  3 bn in 2016,  $\notin$  16.1 bn in 2017 and  $\notin$  2.6 bn in H1 2018.







Worldwide recall/service campaigns driven forward:	Major progress in modifications in North America:
Software Flashes in Germany currently 96% complete; Substantial progress also in Europe (77%) and worldwide (71%)	Around 90 percent of the 2.0l and 3.0l TDI vehicles affected in the U.S. have already been retrofitted, bought back, or otherwise remediated (as of June 2018)
	We have reached the targets set by EPA and Carb for the 2.0L settlement and are on track to achieve the targets in the 3.0L settlement within the specified timeframe.
Group environmental incentive made significant contribution to improving air quality in German cities: More than 240,000 customers decided to switch to environmentally friendly vehicles (terminated by 30.06.2018)	<b>Electrify America underway:</b> Investment plan for zero emissions vehicles (ZEV) approved by authorities and implementation has already started

Timeframe of legal proceedings expected to be long !



#### **RISK MANAGEMENT**

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

#### **SPEAK-UP ENVIRONMENT**

The organization encourages, protects and values the reporting of concerns and suspected wrongdoing

#### STRATEGY

Ethics and compliance is central to business strategy



TOGETHER FOR INTEGRITY

#### CULTURE OF INTEGRITY

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

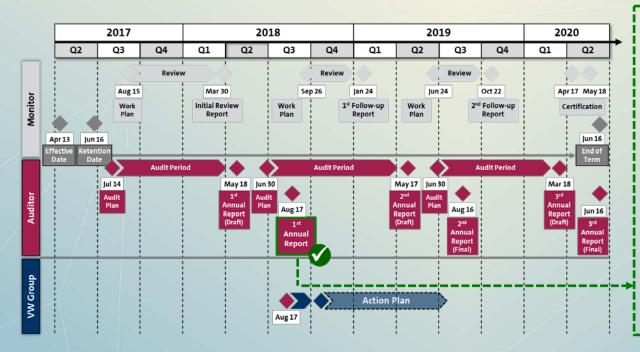
#### **RESOLUTE ACCOUNTABILITY**

The organization takes action and holds itself accountable when wrongdoing occurs



#### Deliveries Key Financials & Cash Outfloor & Operative Excellence Strategy Our Brands Our Markets Diesel Overview of timeline and 1<sup>st</sup> Monitor Audit-Report

VOLKSWAGEN



#### Structure

50 pages, 14 chapters + 1 Appendix



two violations are referenced

Integrity & Compliance

 seven "recommended actions to achieve compliance" with the Consent Decrees are separately embedded

	Volkswagen AG	Audi AG	VW GoA
	Nov 2017 Dec 2017 (Wolfsburg)	Nov 2017 Dec 2017 (Ingolstadt)	Dec 2017 (Auburn Hills) Feb 2018 (Oxnard)
Minor	3	1	2
Deviations Major		0	0
tions	3	1	2
ion	<b>Ø</b>	<b>S</b>	<b>S</b>
	Major	AG       Nov 2017 Dec 2017 (Wolfsburg)       Minor     3       Major     0       tions     3	AG         AG           Nov 2017 Dec 2017 (Wolfsburg)         Nov 2017 Dec 2017 (Ingolstadt)           Minor         3         1           Major         0         0           tions         3         1



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# Upcoming tasks to master challenges and make use of opportunities





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

#### Improving the Core Business

Outlook & Operative

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







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

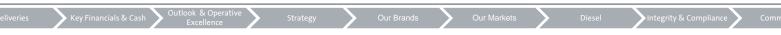
- CO<sub>2</sub> Compliance / WLTP implementation
- Profitability of Electric Vehicles
- Governance / Compliance / Culture

#### **Strengthen Innovation Power**

- **Digitalization & Connectivity**
- **Profitable Mobility Services**

Commitment





# **Investor Relations Team**

We are pleased to answer your inquiries regarding Volkswagen shares and other capital market related questions.



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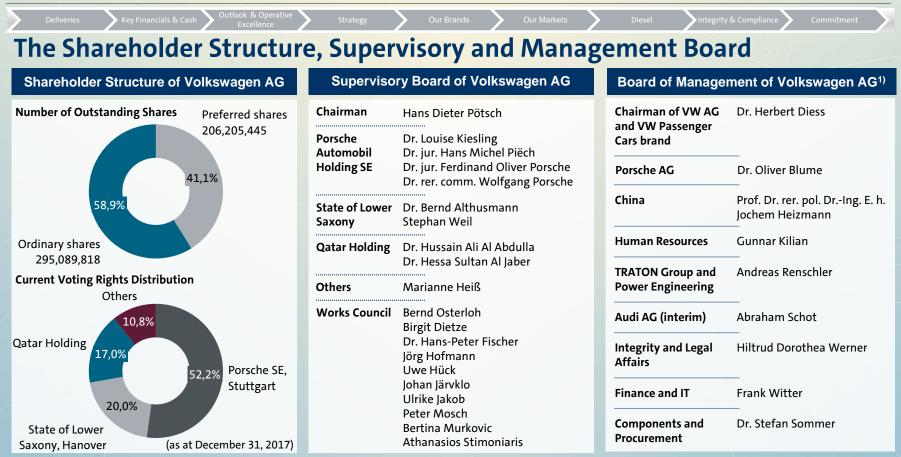
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# Shaping the transformation together.

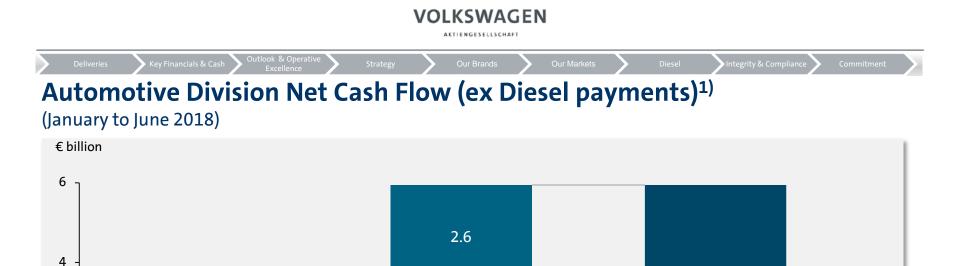
Appendix



<sup>1)</sup> Each Board Member is responsible for one or more functions within the Volkswagen Group. The work of the Board of Management of Volkswagen AG is supported by the boards of the brands and regions as well as by the other group business units and holdings.

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Deliveries Key Financials & Cash Dutlook & Operative Excellence	Strategy Ou	ir Brands Our Mai	kets Diesel Nntegri	y & Compliance Commitment	
/olkswagen Group – Key Cr	edit Ratir	ngs			
	S&P	Global	Moo	DDY'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	A1**	P-1	
Outlook	Stable	(*Negative)	Sta	ble	

<sup>1)</sup> as of August 31, 2018 \*\*S&P: BBB+ Senior Subordinated Rating; Moody's: A3 Junior Senior Unsecured Rating



**Diesel outflow** 

3.3

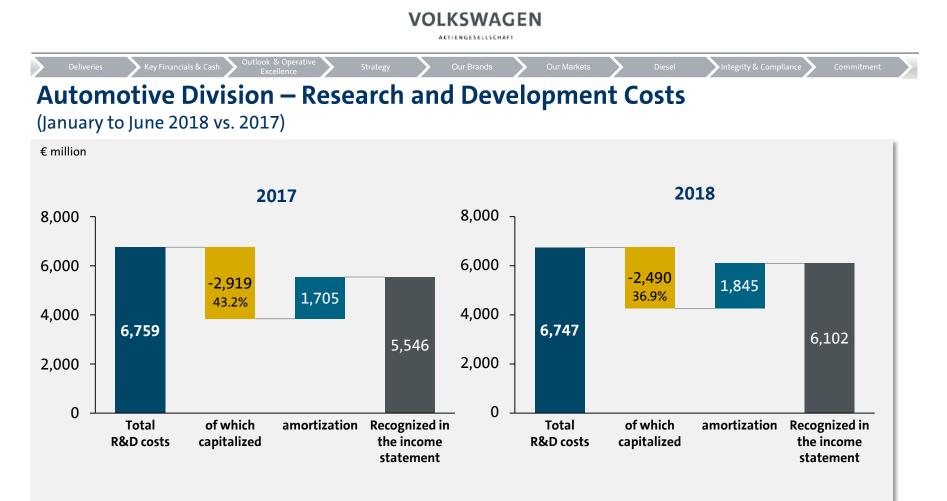
**Net Cash flow incl Diesel payments** 

2

0

5.9

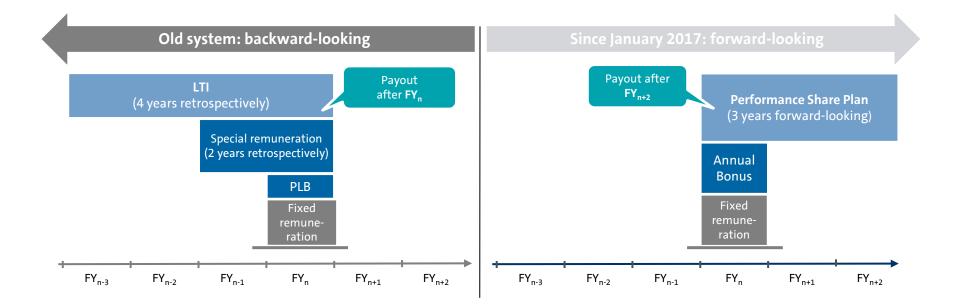
Net Cash flow underlying business





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### Deliveries Key Financials & Cash Outlook & Operative Strategy Our Brands Our Markets Diesel Integrity & Compliance Commitment The remuneration system is designed to be completely forward-looking







more dynamic and representative accelerations and decelerations



more realistic ambient temperatures, closer to the European average



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





















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

