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We are redefining mobility.

# Volkswagen Group

Frank Witter Chief Financial Officer Deutsche Bank Global Auto Industry Conference, Detroit, 17 January 2018



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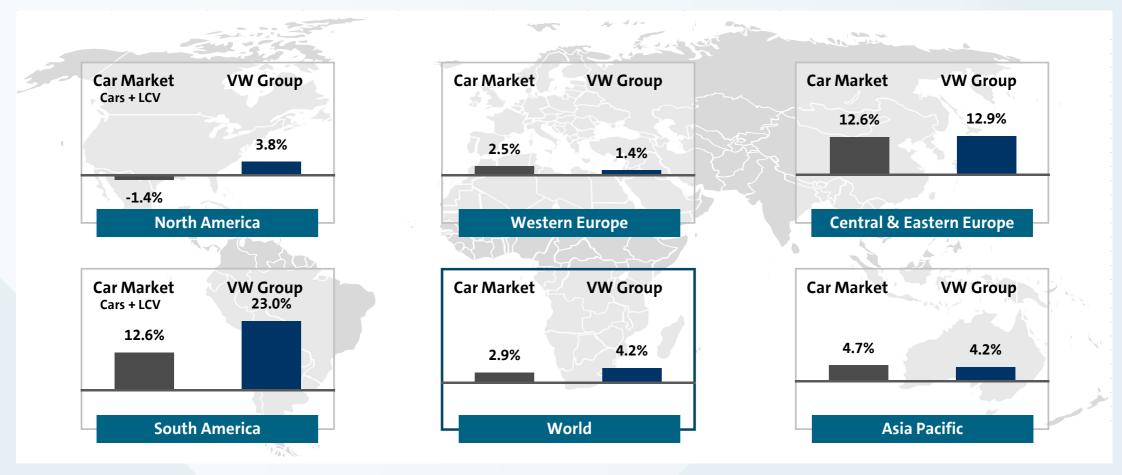
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#### Development World Car Market vs. Volkswagen Group Car Deliveries to Customers<sup>1)</sup>

(Growth y-o-y in deliveries to customers, January to December 2017 vs. 2016)

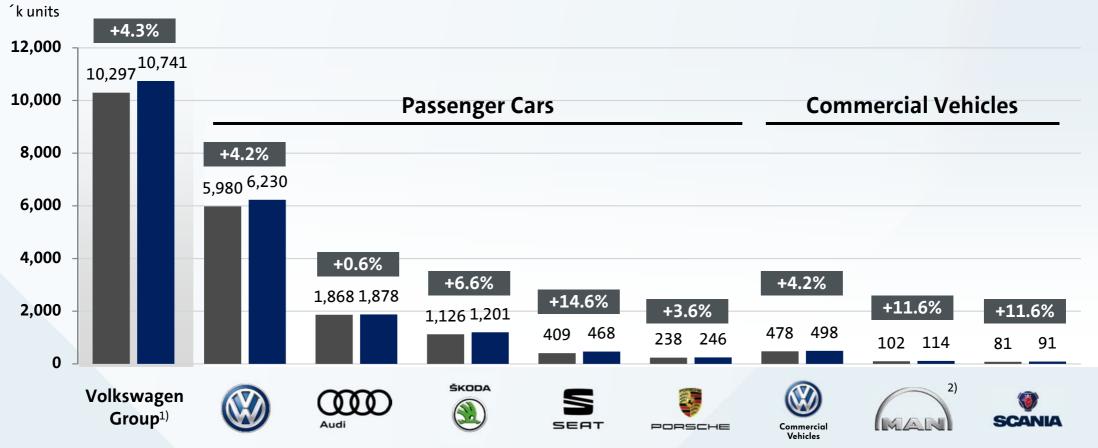


<sup>1)</sup> Figures excl. Volkswagen Commercial Vehicles, Scania and MAN.

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

(January to December 2017 vs. 2016)





<sup>1)</sup> Incl. all brands of Volkswagen Group (Passenger Cars and Commercial Vehicles); +4.2% excl. Volkswagen Commercial Vehicles, Scania and MAN. <sup>2)</sup> MAN incl. MAN Latin America Trucks and Busses GVW > 5t.

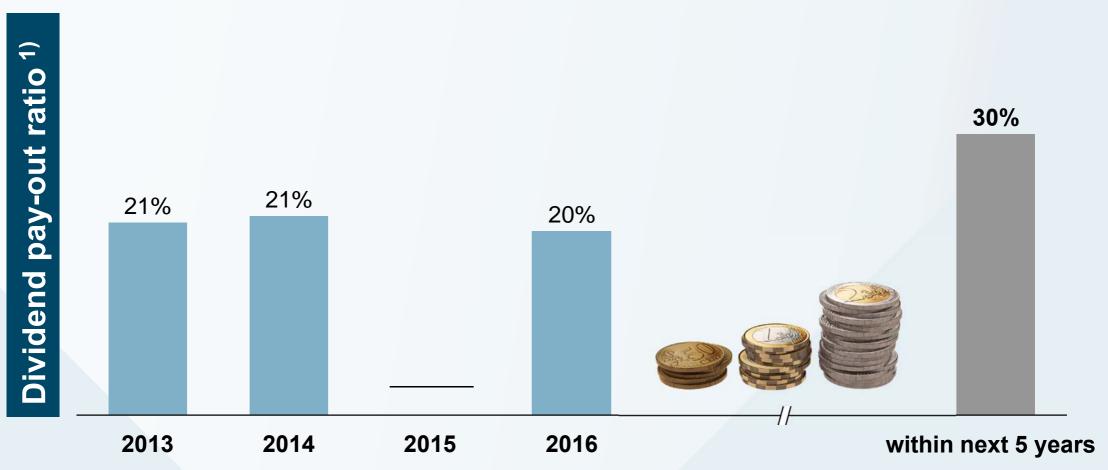
# **Clear Financial Targets and Milestones**

Key financial targets	2016 Actual	2017 Targets CMD March '17	2017 Outlook	2020 Targets	2025 Targets
Operating return on sales Before Special Items	6.7%	6-7%	moderately exceed 6-7%	6.5-7.5%	7-8%
<b>Return on investment</b> Automotive Division <u>before</u> Special Items	13.9%	11-13%	moderately exceed 11-13%	13-15%	> 15%
<b>Capex ratio</b> Automotive Division	6.9%	6.6%	~6.6%	6%	6%
<b>R&amp;D cost ratio</b> Automotive Divison	7.3%	6.7%	~6.7%	6%	6%
Cash a) Net Cashflow Automotive Division b) Net Liquidity	€ 4.3 bn € 27.2 bn	negative > € 15 bn	negative > € 20 bn	≥€10 bn >€20 bn	> € 10 bn ~10% of Group turnover

### **Updating Guidance Group Financial Performance 2020**

	Result	t <b>2016</b>	2020 Update
Sales revenue (€ bn)	217	7.3	+ > 20 % / + > 25 %
	<u>after</u> Special Items	<u>before</u> Special Items	
Operating profit (€ bn)	7.1	14.6	+ 25 % + ≥ 25 %
Profit before tax (€ bn)	7.3	14.8	+ ≥ 25 %
Earnings per Pref. Share	10.3 €		+ ≥ 25 %

## Sufficient Net Liquidity as a basis for increasing Payout toward target



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

# **Global Passenger Car Market 2017/2020**

million units

	USA			Western Europe			Russia			
-1,1% -0,6%		0,8	0,8% -1,3%			<b>16,8% 11,2%</b>				
17.2	17.0	16.7	14.4	14.6	14.2					
						1.5	1.7	2.1		
2017	2018	2020	2017	2018	2020	2017	2018	2020		
	Brazil			World			China			
			1,7%	6 2,4 85.8	<mark>%</mark> 89.9	0,5	% 4,1	%		
12,	,9% 9,2	%	84.4	85.8		23.8	23.9	25.9		
2.2	2.5	2.9								
2017	2018	2020	2017	2018	2020	2017	2018	2020		
Actuals	Fo	recast				c	Source: IHS as of I	December 2017		

Source: IHS as of December 2017

# Upcoming Premium and Luxury models enhancing our portfolio





## **Strong product momentum in <u>Volume</u> segments**

#### Volume models:

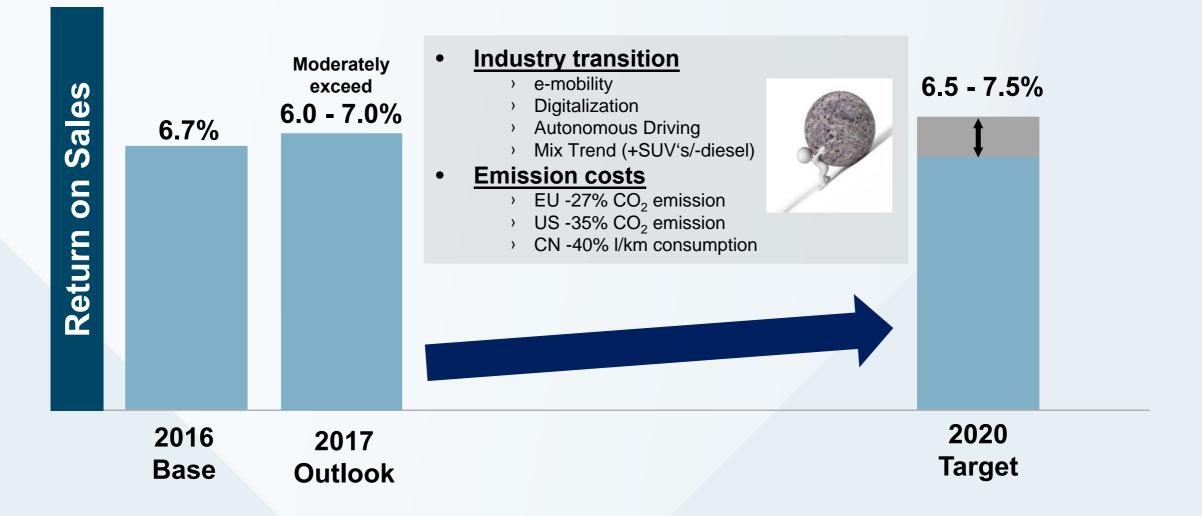




# Volkswagen Brand – Turnaround in the US with new products from 2017 onwards

Deliveries to US customers, '000' units SUV offensive #1 **New Sedans** SUV offensive #2 2017 2018-19 2019-21 500 Jetta Midsize SUV 5s Atlas 250 **Compact SUV** Tiguan Passat 0 **ID Crozz** 2012 2013 2014 2015 2016 2017 **Refreshed Golf** Arteon Market 3.0 2.6 2.2 2.0 1.8 2.0 Share %

#### The Big Picture – improving Group results despite significant headwinds



## **Responsibilities for Toolkit Architecture**





(Premium Platform Electric)





#### 2018: With the Audi e-tron we will change the electric game





### **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

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



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

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

VOLKSWAGEN





# To Do's in the years ahead



#### 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

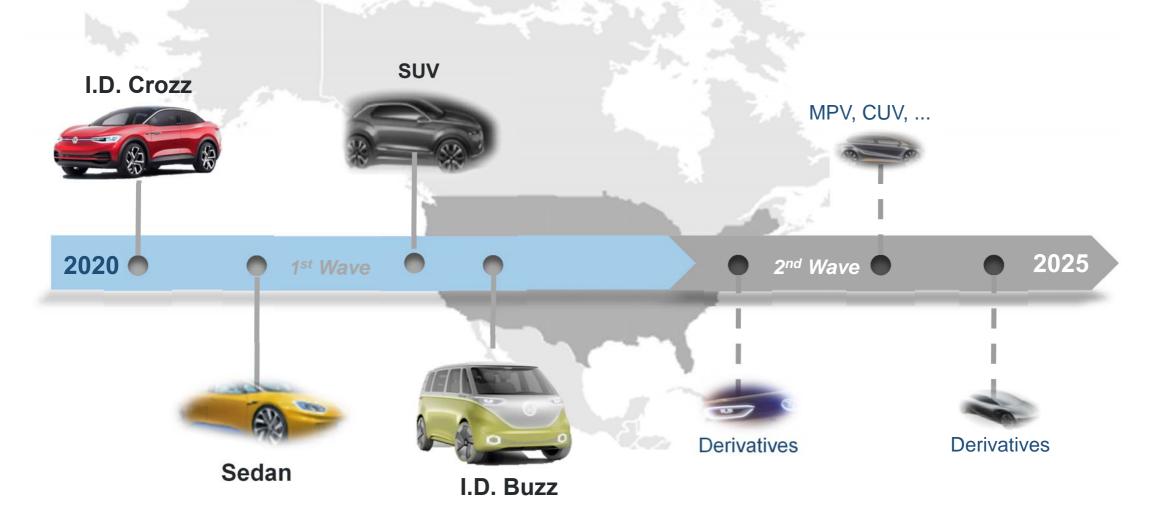
#### **Strengthen Innovation Power**

- Digitalization & Connectivity
- Profitable Mobility Services



NAR Weitersen

# Volkswagen Brand in the U.S. will expand BEV<sup>1)</sup> lineup starting in 2020



## Highlights of Volkswagen's Electric lineup





#### I.D. Buzz

I.D. Crozz



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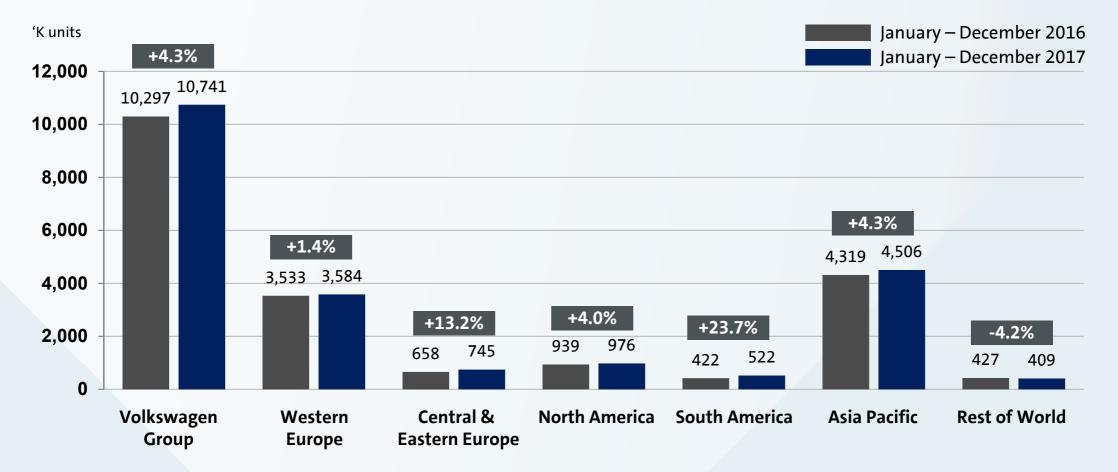
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